

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 18:45:43.1±2.7,22.3S;02×179.6W;03,h613km,42km,
n22,r1515/21,mb4.4/9,1C,South of Fiji Islands
Code Station Name Δ° AZ° Phase ID Time Res
h m s ISC
HBZ Hicks Bay 15.41 186 eP P 18 48 53.1 -1.7
URZ Urewera 16.21 189 P P 18 49 01.5 -0.9
MRZ Mangatoinoka R 18.81 192 eP P 18 49 26.7 0.0
DIW D'Urville Isla 19.30 195 eP P 18 49 27.3 -3.9
CAW Cannon Point 19.34 192 eP P 18 49 31.7 +0.1
OTW Orongorongo Tu 19.52 192 eP P 18 49 33.0 -0.2
MCW Moikau 19.61 192 eP P 18 49 35.5 +1.5
THZ Tophouse 20.46 196 eP P 18 49 42.0 +0.2
KHZ Kahutara 20.93 194 P P 18 49 46.2 +0.2
ARMA Armidale 27.03 246 eP P 18 50 42.4 +2.3
CTA Charters Tower 31.93 267 P P 18 51 22.3 +0.4
13nm,0.5s,mb4.8
STKA Stephens Creek 35.75 246 eP P 18 51 55.3 +1.8
3.1nm,0.4s,mb4.2
ASAR Alice Springs 42.74 259 P P 18 52 50.1 +0.3
9.8nm,0.5s,mb4.6,baz=92,slow=8.2,SNR=47
ASAR S 18 58 31.3 -0.1
1.0nm,0.8s,baz=95,slow=15,SNR=5.7
ASPA Alice Springs 42.74 259 eP P 18 52 50.1 +0.2
WRA Warramunga Arr 42.96 264 P P 18 52 51.0 -0.7
1.8nm,0.3s,mb4.0,baz=96,slow=7.8,SNR=93
WRA S 18 58 33.0 -1.5
0.3nm,0.9s,baz=99,slow=14,SNR=3.0
KAKA Kakadu 46.64 273 eP P 18 53 18.2 -1.8
14nm,0.4s,mb4.8
FITZ Fitzroy Crossi 51.39 264 eP P 18 53 54.3 -0.7
12nm,0.3s,mb4.8
MBWA Marble Bar 56.08 259 eP P 18 54 27.1 -0.7
11nm,0.6s,mb4.2
CMAR Chiang Mai Arr 89.35 290 P P 18 57 38.1 +1.0
1.3nm,0.8s,mb3.8,baz=135,slow=3.1,SNR=8.1
ARCES ARCESS Array B 130.36 349 PKP PKP 19 03 43.7 -0.5
0.7nm,0.6s,baz=282,slow=4.2,SNR=3.5
FINES FINES Array B 137.02 342 PKP PKP 19 03 57.3 +0.5
3.7nm,1.1s,baz=158,slow=3.2,SNR=5.4
MLR Muntele Rosu 148.85 324 PKPbc PKP 19 04 22.7 +5.2
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

121K	Tanana baz=267	38.39	36	P	P	00 50 05.9 +1.4	C27K	Jago River baz=269	41.76	29	P	P	00 50 33.6 +1.3	FARO	Faro, Yukon	46.92	39	P	P	00 51 14.9 +1.2	
SKT	Skwentna	38.52	41	P	Iamb	00 50 05.1 -0.5	SCRK	Sand Creek	41.85	38	P	Iamb	00 50 33.6 +0.2	FARO	FARO	46.92	39	P	Iamb	00 51 14.9 +1.2	
SKT	comp=Z,32nm,1.8s					00 51 22.9	SCRK	comp=Z,44nm,2.0s					00 50 43.4	FARO	comp=Z,41nm,2.0s						
H22K	Ishlaltina Cre baz=266	38.68	35	P	P	00 50 08.6 +1.6	SCRK	Sand Creek	41.85	38	P	P	00 50 33.4 -0.0	A36M	Sachs Harbour	47.55	25	P	Iamb	00 51 19.5 +1.1	
BPWA	Bear Paw Mtn.	38.77	38	P	Iamb	00 50 08.3 +0.5	J26L	Joseph Creek	41.99	37	P	P	00 50 34.2 -0.3	A36M	Sachs Harbour	47.55	25	P	Iamb	00 51 19.5 +1.1	
BPWA	comp=Z,34nm,1.9s					00 50 41.8	J26L	Joseph Creek	41.99	37	P	P	00 50 34.9 +0.4	A36M	baz=294,SNR=9.4						
BPWA	Bear Paw Mtn.	38.77	38	P	P	00 50 09.2 +1.4	I26K	Coal Creek Min	42.10	36	P	P	00 50 33.6 -1.6	A36M	comp=Z,14nm,0.8s						
CNPM	China Poot	38.78	45	P	P	00 50 08.1 +0.2	I26K	Coal Creek Min	42.10	36	P	P	00 50 35.6 +0.5	A36M	Sachs Harbour	47.55	25	P	P	00 51 19.4 +1.0	
KTH	Kanitsina Hill	38.79	39	P	Iamb	00 50 08.4 +0.4	L26K	Log Cabin Wild	42.24	39	P	P	00 50 38.0 +1.6	A36M	baz=294,SNR=9.4						
KTH	comp=Z,61nm,1.8s					00 50 50.3	L26K	Log Cabin Wild	42.24	39	P	P	00 50 38.5 +1.1	A36M	Phrae	47.66	253	P	P	00 51 20.7 +0.8	
MLY	Manley	38.91	36	P	P	00 50 10.3 +1.4	M26K	Nabesna, AK	42.48	40	P	P	00 50 40.0 +1.6	A36M	MMPY	Sheldon Lake, baz=287	47.75	38	P	P	00 51 22.3 +2.1
MLY	Manley	38.91	36	P	P	00 50 10.0 +1.2	M26K	Nabesna, AK	42.48	40	P	P	00 50 40.0 +1.6	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
BRLK	Bradley Lake	38.94	45	P	P	00 50 09.1 -0.2	E27K	Donen River	42.54	31	P	P	00 50 40.0 +1.2	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
D23K	Nanushuk River	39.24	30	P	P	00 50 12.8 +1.3	G27K	Doyon Strip	42.60	33	P	P	00 50 40.7 +1.4	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
COLD	Coldfoot baz=266,SNR=10.0	39.25	33	P	P	00 50 12.3 +0.7	MCARA	McCarthy VSAT	42.61	41	P	P	00 50 40.1 +0.7	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
G23K	Banza Creek baz=266	39.28	33	P	P	00 50 13.0 +1.0	K27K	Chicken	42.69	37	P	Iamb	00 50 40.1 +0.1	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
RC01	Rabbit Creek A	39.42	42	P	P	00 50 13.8 +0.6	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
RC01	Rabbit Creek A	39.42	42	P	P	00 50 14.0 +0.8	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
O22K	Cooper Landing	39.47	43	P	P	00 50 14.3 +0.7	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
I23K	Minto, Yukon-K baz=269	39.49	36	P	P	00 50 15.2 +1.5	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
E23K	Chandler	39.54	31	P	P	00 50 15.3 +1.1	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
NEA2	Nenana	39.61	37	P	P	00 50 15.5 +0.8	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
NEA2	Nenana	39.61	37	P	P	00 50 15.9 +1.2	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
PMR	Palmer baz=270,SNR=5.3	39.68	42	P	P	00 50 16.4 +1.1	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
MCK	McKinley baz=271	39.68	38	P	P	00 50 15.7 +0.4	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
E24K	Your Creek baz=266	39.96	31	P	P	00 50 18.9 +1.3	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
MDM	Murphy Dome	39.97	36	P	P	00 50 18.1 +0.4	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
KNK	Knik Glacier	40.01	42	P	P	00 50 18.3 +0.2	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
C24K	Franklin Bluff baz=264	40.02	29	P	P	00 50 19.1 +1.1	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
WRH	Wood River Hill	40.04	37	P	P	00 50 18.6 +0.4	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
SML	Sawmill	40.04	41	P	Iamb	00 50 19.4 +1.0	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
SML	comp=Z,19nm,0.8s					00 50 19.2 +0.7	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
H24K	Noodor Dome	40.12	35	P	P	00 50 19.7 +0.8	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
H24K	Noodor Dome	40.12	35	P	P	00 50 20.7 +1.7	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
CCB	Clear Creek Bu	40.16	37	P	P	00 50 19.2 -0.0	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
F24K	Squaw Lake	40.16	32	P	P	00 50 20.3 +1.0	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
G24K	Hadweezic Riv baz=269,SNR=12	40.29	34	P	P	00 50 22.2 +1.8	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
POKR	Poker Plat Res	40.31	36	P	Iamb	00 50 21.0 +0.5	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
POKR	Poker Plat Res	40.31	36	P	Iamb	00 50 22.2 +1.7	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
POKR	Poker Plat Res	40.31	36	P	Iamb	00 50 22.2 +1.7	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
SCM	Sheep Creek Mo	40.52	41	P	P	00 50 22.1 -0.3	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
SCM	Sheep Creek Mo	40.52	41	P	P	00 50 22.1 -0.3	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
SCM	comp=Z,101nm,1.9s					00 50 23.0 +0.7	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
HDA	Harding Lake	40.53	37	P	Iamb	00 50 22.5 +0.1	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
HDA	Harding Lake	40.53	37	P	Iamb	00 50 22.5 +0.1	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
HDA	Harding Lake	40.53	37	P	Iamb	00 50 23.3 +0.9	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
ILAR	Eielson Array	40.55	37	P	P	00 50 22.6 +0.1	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
ILAR	comp=Z,3.6nm,0.8s,baz=256,slow=8.1,SNR=33					00 52 23.4 -0.7	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
ILAR	comp=Z,0.7nm,0.6s,baz=290,slow=4.3,SNR=4.0					01 09 02.0	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
ILAR	comp=Z,56nm,18.9s,baz=256,slow=3.3,SNR=8.8					00 50 22.9 +0.3	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
IL03	Eielson Array	40.56	37	P	P	00 50 22.9 +0.3	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
D25K	Kavik River	40.80	30	P	P	00 50 25.7 +1.0	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
QIZ	Qiongzong	40.83	245	S	S	00 50 25.2 -0.1	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
QIZ	Qiongzong	40.83	245	S	S	00 56 34.7 +0.9	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
QIZ	comp=Z,300nm,12.8s						K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
QIZ	comp=Z,250nm,11.6s						K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
QIZ	comp=Z,240nm,13.7s						K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
G25K	Bearman Lake	40.84	33	P	P	00 50 26.7 +1.9	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
DGZ	Jazzart, Alta	41.01	300	I	P	00 50 27.4 +0.7	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
DGZ	comp=Z,14nm,2.9s					00 50 28.1 +1.7	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
F25K	Christian Riv baz=270,SNR=11	41.02	32	P	P	00 50 27.6 +1.0	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
M24K	Tolsona, Glenn	41.03	41	P	P	00 50 27.6 +1.0	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
M24K	Tolsona, Glenn	41.03	41	P	P	00 50 27.6 +1.0	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
E25K	Arctic Village baz=269,SNR=7.4	41.06	31	P	P	00 50 28.2 +1.5	K27K	Chicken	42.69	37	P	Iamb	00 50 42.3	A36M	teslin, yukon	47.75	41	P	Iamb	00 51 21.7 +1.4	
K24K	Donnelly Dome	41.08	38																		

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YKA	Yellowknife Ar	54.88	34	P	P	00 52 14.3	+0.8
YKA	Yellowknife Ar	54.88	34	i	P	00 52 08.6	-4.9
WAPA	Wapiti River	56.43	43	P	P	00 52 24.5	-0.3
WAPA	Wapiti River	56.43	43	i	Amb	00 52 26.4	
comp=Z,16nm,0.9s							
GAR	Garm	56.60	294	P	P	00 52 26.5	+0.2
TULEG	Thule	57.21	10	e	P	00 52 28.7	-1.2
TULEG	Thule	57.21	10	e	Amb	00 52 29.9	
comp=Z,5.1nm,1.0s							
ABKAR	Akbulak array	57.52	309	P	P	00 52 32.1	-0.4
CHGR	Chuyangaron	57.54	294	P	P	00 52 32.4	-0.6
CHGR	Chuyangaron	57.54	294	P	P	00 52 32.4	-0.6
CHGR	Chuyangaron	57.54	294	P	pmax		
comp=Z,4.1nm,0.8s							
NIL	Nilore	57.57	287	P	P	00 52 33.2	0.0
NIL	Nilore	57.57	287	P	P	00 52 33.2	0.0
NIL	Nilore	57.57	287	P	pmax		
comp=Z,33nm,0.9s							
NIL	Nilore	57.57	287	P	P	00 52 34.4	+1.3
NIL	Nilore	57.57	287	P	pp	00 52 44.9	+0.2
NIL	Nilore	57.57	287	P	sp	00 52 48.7	-0.6
KIRV	Kirov	57.81	322	LR	LR	01 19 42.4	
KIRV	Kirov	57.81	322	e	P	00 52 35.5	+1.1
ARCES	ARCESS Array B	59.14	340	P	P	00 52 42.8	-0.8
ARCES	ARCESS Array B	59.14	340	P	LR	01 22 25.3	
comp=Z,84nm,18.7s,baz=298,slow=40							
comp=Z,2.5nm,0.7s,baz=49,slow=7.6,SNR=12							
KBL	Kabul	59.93	290	P	P	00 52 48.8	-1.0
KBL	Kabul	59.93	290	P	Amb	00 52 50.1	
KBL	Kabul	59.93	290	P	pmax	00 52 48.8	-1.0
KBL	Kabul	59.93	290	P	pmax		
KLMR	Klimovskoe	60.55	328	e	P	00 52 53.2	-0.1
KLMR	Klimovskoe	60.55	328	e	AMP	00 52 54.2	
KLMR	Klimovskoe	60.55	328	e	AMP	00 52 53.2	-0.1
KLMR	Klimovskoe	60.55	328	e	pmax		
KLMR	Klimovskoe	60.55	328	e	pmax		
BKNI	Bangkinang	60.64	238	P	P	00 52 55.7	+1.2
F07A	Phinny Hill Vi	61.09	53	P	P	00 52 57.8	+0.6
NWS	Newport	61.31	49	P	P	00 52 59.3	+0.6
baz=305							
SDSI	Sungai Dareh	61.40	236	P	P	00 53 01.8	+2.1
PINE	Pine Mountain	61.71	55	P	Amb	00 53 02.7	+0.9
PINE	Pine Mountain	61.71	55	P	Amb	00 53 03.1	
comp=Z,14nm,1.1s							
BELG	Belogorone	62.21	137	LR	LR	01 22 38.5	
comp=Z,117nm,18.3s,baz=154,slow=38							
WALA	Waterton Lakes	62.56	47	P	P	00 53 07.7	+0.4
MOD	Modoc Plateau	63.20	57	P	Amb	00 53 12.1	+0.4
MOD	Modoc Plateau	63.20	57	P	Amb	00 53 25.8	
SUMG	Summit	63.41	2	i	P	00 53 11.0	-1.9
SUMG	Summit	63.41	2	i	Amb	00 53 14.3	
PLID	Pearl Lake	63.80	52	P	Amb	00 53 15.5	-0.2
PLID	Pearl Lake	63.80	52	P	Amb	00 53 17.2	
WVOR	Wild Horse Val	63.87	55	P	P	00 53 16.0	-0.1
WVOR	Wild Horse Val	63.87	55	P	pmax	00 53 16.0	-0.1
WVOR	Wild Horse Val	63.87	55	P	pmax		
MSO	Missoula	63.89	49	P	Amb	00 53 16.1	0.0
MSO	Missoula	63.89	49	P	Amb	00 53 30.5	
comp=Z,14nm,1.4s							
MSO	Missoula	63.89	49	P	P	00 53 16.5	+0.4
baz=308							
FFC	Flin Flon	64.76	37	P	Amb	00 53 21.2	-0.2
FFC	Flin Flon	64.76	37	P	Amb	00 53 23.2	
comp=Z,16nm,1.1s							
FFC	Flin Flon	64.76	37	P	pmax	00 53 21.2	-0.2
FFC	Flin Flon	64.76	37	P	pmax		
FFC	Flin Flon	64.76	37	P	pp	00 53 22.2	+0.8
FFC	Flin Flon	64.76	37	P	pp	00 53 32.3	-0.1
FINES	FINESS Array B	64.89	333	P	P	00 53 20.5	-1.7
FINES	FINESS Array B	64.89	333	P	LR	01 23 41.3	
comp=Z,7.7nm,0.6s,baz=38,slow=5.9,SNR=37							
FINES	FINESS Array B	64.89	333	P	P	00 53 21.8	-0.4
FINES	FINESS Array B	64.89	333	P	P	00 53 20.6	-1.6
FINES	FINESS Array B	64.89	333	P	pmax		
comp=Z,8.0nm,0.6s							
GEYT	Geopline	65.05	299	P	P	00 53 24.3	+0.6
comp=Z,10.0nm,0.7s,baz=46,slow=4.2,SNR=28							
FCC	Fort Churchill	65.14	31	P	P	00 53 23.9	+0.1
FCC	Fort Churchill	65.14	31	P	pmax	00 53 23.9	+0.1
FCC	Fort Churchill	65.14	31	P	pmax		
comp=Z,14nm,0.6s							
EGMT	Eagleton	65.38	46	P	Amb	00 53 25.5	-0.2
EGMT	Eagleton	65.38	46	P	Amb	00 53 38.7	
EGMT	Eagleton	65.38	46	P	P	00 53 26.3	+0.5
YERR	Yerington	65.60	59	P	Amb	00 53 27.2	-0.2
YERR	Yerington	65.60	59	P	Amb	00 53 29.3	
HLID	Hailey	65.64	52	P	P	00 53 28.4	+0.8
BOZ	Bozeman (W)	65.92	49	P	Amb	00 53 29.4	+0.1
BOZ	Bozeman (W)	65.92	49	P	Amb	00 53 42.5	
BOZ	Bozeman (W)	65.92	49	P	pmax	00 53 29.4	+0.1
BOZ	Bozeman (W)	65.92	49	P	pmax		
comp=Z,5.0nm,0.6s							
BOZ	Bozeman (W)	65.92	49	P	P	00 53 30.2	+0.8
KVN	Kaiserville	66.26	58	P	Amb	00 53 31.8	+0.1
KVN	Kaiserville	66.26	58	P	Amb	00 53 45.5	
KVN	Kaiserville	66.26	58	P	P	00 53 31.8	+0.1
KVN	Kaiserville	66.26	58	P	pmax		
LHV	Little Huttoon	66.51	59	P	Amb	00 53 34.2	+1.2
LHV	Little Huttoon	66.51	59	P	Amb	00 53 35.5	
NVAR	Mina Array Bea	66.52	59	P	P	00 53 34.1	+0.7
comp=Z,8.7nm,0.8s							
NVAR	Mina Array Bea	66.52	59	P	P	00 53 34.1	+0.7
RAF	Raumfelsen	66.57	335	e	P	00 53 32.3	-0.7
ICESG	Greenland Ices	66.86	3	i	P	00 53 35.5	+0.3
ICESG	Greenland Ices	66.86	3	i	Amb	00 53 36.6	
comp=Z,14nm,0.8s							
H17A	Grant Village	67.26	50	P	P	00 53 38.5	+0.5
H17A	Grant Village	67.26	50	P	P	00 53 39.8	+1.8
TPH	Tonopah	67.41	58	P	P	00 53 37.7	-1.3
TPH	Tonopah	67.41	58	P	pmax	00 53 37.7	-1.3
TPH	Tonopah	67.41	58	P	pmax		
comp=Z,2.7nm,0.7s							
MOOW	Moose Ponds	67.58	50	P	P	00 53 40.7	+0.6
AAL	Aland	67.78	335	e	P	00 53 40.0	-0.6
PKM	Mcpheerson Peak	67.79	63	P	P	00 53 41.7	+0.2
DKM	Dagmar	67.91	43	P	P	00 53 42.1	+0.3
DKM	Dagmar	67.91	43	P	P	00 53 42.1	+0.3
GRAC	Grapevine Rang	68.00	59	P	Amb	00 53 42.9	+0.4
GRAC	Grapevine Rang	68.00	59	P	Amb	00 53 44.5	
comp=Z,9.0nm,0.7s							
GRAC	Grapevine Rang	68.00	59	P	P	00 53 43.6	+1.0
LAO	LASA Array	68.07	46	P	P	00 53 43.7	+0.8
SFJD	Kangerlussuaq	68.17	8	LR	LR	01 24 57.0	
R11A	Troy Canyon, C	68.23	37	P	P	00 53 44.9	+0.7
Q12A	Willow Creek R	68.25	56	P	Amb	00 53 43.6	-0.6
Q12A	Willow Creek R	68.25	56	P	Amb	00 54 03.2	
FRB	Frobisher Bay	68.47	17	LR	LR	01 26 43.6	
MPMC	Manuul Prospect	68.52	60	P	P	00 53 46.8	+0.7
MPMC	Manuul Prospect	68.52	60	P	P	00 53 46.8	+0.7
SPR3	Spring Creek 3	68.57	56	P	P	00 53 46.4	-0.1
WCT	Wildcat Mounta	68.59	59	P	P	00 53 45.9	-0.4
FURC	Furnace Creek,	68.65	60	P	P	00 53 47.4	+0.9
FURC	Furnace Creek,	68.65	60	P	P	00 53 45.8	-1.2

DUG	Dugway, Tooele	68.70	54	P	P	00 53 45.8	-1.2
DUG	Dugway, Tooele	68.70	54	P	pmax		
DUG	Dugway, Tooele	68.70	54	P	pmax		
comp=Z,5.0nm,1.1s							
DUG	Dugway, Tooele	68.70	54	P	P	00 53 47.9	+0.8
TPNV	Topopah Spring	68.72	59	P	Amb	00 53 46.3	-0.9
TPNV	Topopah Spring	68.72	59	P	Amb	00 53 48.9	
TPNV	Topopah Spring	68.72	59	P	pmax	00 53 46.3	-0.9
TPNV	Topopah Spring	68.72	59	P	pmax		
comp=Z,9.6nm,1.1s							
UPP	Uppsala	68.74	336	e	P	00 53 46.3	-0.4
LRMC	Laurel Mtn Rad	68.76	61	P	P	00 53 47.4	-0.1
BW06	Boulder Array	68.88	51	P	P	00 53 48.1	-0.1
BW06	Boulder Array	68.88	51	P	P	00 53 48.7	+0.5
PD31	Pinedale Array	68.88	51	P	P	00 53 46.9	-1.3
PDAR	Pinedale Array	68.88	51	P	P	00 53 48.5	+0.3
comp=Z,1.8nm,0.6s,baz=248,slow=2.0,SNR=29							
PDAR	Pinedale Array	68.88	51	P	P	00 53 47.6	-0.6
GWY	Greenwater Val	68.95	60	P	Amb	00 53 48.3	-0.4
GWY	Greenwater Val	68.95	60	P	Amb	00 53 50.1	
QSM	Queen of Sheba	68.96	60	P	P	00 53 48.6	+0.1
QSM	Queen of Sheba	68.96	60	P	Amb	00 53 50.1	
comp=Z,5.8nm,0.8s							
GROC	Groznnyy	68.99	310	e	P	00 53 48.6	+0.1
GROC	Groznnyy	68.99	310	e	sP	00 54 02.8	-2.1
GROC	Groznnyy	68.99	310	e	sP	00 54 10.8	
GROC	Groznnyy	68.99	310	e	pmax	00 56 22.5	
GROC	Groznnyy	68.99	310	e	pmax		
comp=Z,1.9nm,0.9s							
AKT	Akhty	69.03	308	e	P	00 53 49.8	+0.8
AKT	Akhty	69.03	308	e	P	00 54 13.7	
AKT	Akhty	69.03	308	e	pmax		
DY2G	Dye2	69.07	6	e	Amb	00 53 49.1	+0.2
DY2G	Dye2	69.07	6	e	Amb	00 53 49.7	
comp=Z,13nm,0.8s							
PRN	Park Range	69.16	58	P	P	00 53 50.6	+0.6
NLU	North Lily Mtn	69.28	54	P	P	00 53 50.9	+0.2
ISAL	Salakas	69.31	329	e	P	00 53 51.4	+1.1
NC405	NORSAR Array S	69.32	339	P	P		

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TLCR, 137A, NANC, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like O53A, PKME, Q51A, etc.

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

UCR 01 01:17:43.5 ± 1.8, 8:74N-82:44W, h4km, 5km, MW4.3
UPA 01 01:17:43.0 ± 1.4, 8:73N-82:40W, h10km, 4km, ML4.6, MW4.1

ISC 01 01:17:41.4 ± 0.9, 8:73N-0:03:82:33W, 0:02, h14km, 7km, n87, c0:97/120, 11C-13D, Panama-Costa Rica border region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LNBQ3, LNBQ3, PTAR3, BCO2, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EDDO, BUSI, CDM, BATAN, etc.

ISK 01 01:23:59.4, 39:49N-26:02E, h12km, ML3.1/12
THE 01 01:24:00.7, 39:50N-26:07E, h12km, ML2.8/9, Error ellipse: s-maj=1.4km, s-min=0.6km, az=74.0

DDA 01 01:24:00.3 ± 0.0, 39:49N-26:07E, h12km, ML2.7
ISC 01 01:23:59.9 ± 0.8, 39:49N-0:02:26:08E, 0:03, h15km, 5km, n40, c0:41/64, Turkey

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOCA, KOCA, GOKA, GOKA, etc.

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

NEIC 01 01:28:26.6 ± 1.8, 8:85N-0:08:82:42W, 0:05, h20km, 11km, ML3.0/18, Error ellipse: s-maj=12.3km, s-min=6.8km, az=179.0

UCR 01 01:28:26.9 ± 1.7, 8:74N-82:43W, h4km, 6km, MW3.7
UPA 01 01:28:26.8 ± 1.6, 8:76N-82:38W, h8km, 3km, MW3.1
ISC 01 01:28:27.0 ± 0.8, 8:76N-0:03:82:39W, 0:02, h15km, 5km, n58, c1:36/83, 8C-10D, Panama-Costa Rica border region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LNBQ3, LNBQ3, PTAR3, BCO2, etc.

STG3 eS Sn 01 44 15.8 -1.1

AZER 01 01:50:23.1±1.4, 33.76N;48.11E, h10km, Error ellipse: s-maj=18.5km s-min=9.7km az=117.0

ISN 01 01:50:32.7±1.2, 35.19N;46.26E, h14km, 18km, ML3.2

TEH 01 01:50:33.6±1.4, 35.14N;46.29E, h9km, 48km, ML3.2

ISC 01 01:50:33.5±0.8, 35.17N;0.02±0.03, h10km, n42, r192/53, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like IDHR, IGHG, KERM, etc.

THE 01 01:51:21.6±0.0, 39.52N;26.05E, h10km, 1km, ML2.4/8, Error ellipse: s-maj=1.2km s-min=0.6km az=70.0

ATH 01 01:51:21.9±0.9, 39.49N;26.06E, h17km, 2km, ML2.5/8, Error ellipse: s-maj=2.7km s-min=0.8km az=97.0

DDA 01 01:51:21.6±0.0, 39.51N;26.09E, h11km, ML2.4

ISK 01 01:51:21.2±0.8, 39.52N;26.08E, h12km, ML2.7/4

ISC 01 01:51:21.2±0.8, 39.51N;0.02±0.06, h14km, 5km, n49, r054/83, Turkey

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like KOCA, GPNR, PRK, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like CANM, GELI, Lapseki, etc.

ISK 01 02:13:45.6±0.0, 39.50N;26.06E, h10km, ML1.8/4, Turkey

GPNR Gulpinar-Canak 0.07 129 P Gg 02 13 47.9 +0.2

BOZC Bozcaada 0.34 359 P Gg 02 13 48.9 +0.6

BOZC Bozcaada 0.38 352 P Gg 02 13 51.1 +1.2

COMU Canakkale 0.68 28 P Gg 02 13 59.1 +0.4

DKL Dikili 0.78 123 P Gg 02 14 01.1 -0.2

THE 01 02:14:28.3±0.9, 39.50N;26.06E, h8km, 2km, ML2.3/5, Error ellipse: s-maj=2.8km s-min=0.8km az=129.0

ATH 01 02:14:28.9±0.9, 39.53N;26.09E, h6km, 2km, ML2.2/6, Error ellipse: s-maj=3.5km s-min=0.8km az=231.0

DDA 01 02:14:29.1±0.0, 39.53N;26.12E, h7km, 1km, ML2.0, Turkey

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like KOCA, PRK, BOZC, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like ALN, RDO, etc.

NEIC 01 02:32:13.3±1.4, 5.50S;0.06±153.79E, 0.07, h29km, 4km, mb4.5/28, Error ellipse: s-maj=12.7km s-min=5.5km

IDC 01 02:32:16.4±1.2, 5.52S;153.64E, h48km, 10km, mb4.1/15, mbml4.3/18, ML3.9/2, MS3.6/20, Error ellipse: s-maj=15.0km s-min=8.8km az=54.0

DJA 01 02:32:18.3±0.4, 6.5±4.15E, h64km, 5km, M4.7/12, mb5.0/3, mb4.5/12, MLv4.9/3, Mw(mb)4.3/3

ISC 01 02:32:15.5±0.4, 5.56S;0.05±153.62E, 0.06, h43km, n84, r133/81, mb4.4/32, MS3.5/17, 1C-1D, New Ireland region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like RABL, KRVT, HNR, etc.

1d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like San Juan, Maarten, Yreka Blue Hor, Liberty Lake, Elk, Battle Ridge, SW of W Deep R, Cedar Bluff, Blue Mountains, Boston College, Eielson Array, etc.

IDC 01 03:06:18.3-4.3, 2.182Sx148.35E, h0km, mbt3p.2/4, ML3.0/4, Error ellipse: s-maj=40.8km s-min=20.1km az=78.0, Queensland

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

IDC 01 03:06:27.0-2.5, 2.53N, 122.06E, h563km, 32km, mb2.8/11, mbt3p.8/11, Error ellipse: s-maj=32.8km s-min=15.0km az=73.0

DJA 01 03:07:15.9-0.5, 0.1N, 7.12E, h35km, 10km, M2.6/6, ML2.6/6

ISC 01 03:06:26.1-0.8, 2.6N, 0.1E, 122.2E, h550km, n14, c078/15, mb3.3/11, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Gorontalo, Mapaga, Warramunga Arr, Alice Springs, etc.

IDC 01 03:06:31.8-2.5, 2.50N, 122.08E, h560km, 34km, mb2.8/8, mbt3p.8/8, Error ellipse: s-maj=38.8km s-min=14.4km az=73.0

ISC 01 03:06:31.6-1.1, 2.5N, 0.2E, 122.1E, h559km, n8, c083/9, mb3.4/8, Celebes Sea

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KSRS Korea Array, MJAR Matsuhiro Arr, USRK Ussuriysk Arr, SONM Songoing Array, MKAR Makanchi Array, KURBB Kurchatov Arr.

IDC 01 03:13:38.4+2.6, 36.42N, 71.30E, h206km, 24km, mb3.3/6, mbt3p.4/12, MS3.8/1, Error ellipse: s-maj=20.9km s-min=15.7km az=167.0

NEIC 01 03:13:41.2+1.4, 36.60N, 0.08E, 71.30E, h233km, 7km, mb4.1/9, Error ellipse: s-maj=11.4km s-min=10.5km az=170.0

NNC 01 03:13:48.4+5.1, 37.20N, 71.54E, h251km, 56km, mb3.3, mpv4.6, Error ellipse: s-maj=50.7km s-min=26.6km az=10.0

ISC 01 03:13:41.2-0.5, 36.57N, 0.05E, 71.35E, h250km, n76, c182/82, mb3.6/8, 9C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Garm, Chuyangaron, Kabul, Cherat, Chirah Chowk, Nilore, Thame Wali, Kashi, etc.

IDC 01 03:16:14.7-0.0, 39.51N, 26.11E, h10km, ML1.4, ISK 01 03:16:14.2, 39.51N, 26.14E, h3km, ML1.7/11, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Canakkale, Gulpinar-Canak, Bozcaada, Uak-Merkez, etc.

NDI 01 03:16:51.7-3.0, 12.15N, 93.24E, h83km, 14km, ML4.6, mb4.5(NEIC)

NEIC 01 03:16:52.4+2.0, 12.21N, 0.08E, 93.21E, h68km, 2km, mb4.5/36, Error ellipse: s-maj=12.6km s-min=8.5km az=138.0

IDC 01 03:16:52.9-0.0, 12.11N, 93.31E, h85km, 15km, mb3.8/19, mbt3p.4/12, MS3.6/5, Error ellipse: s-maj=22.2km s-min=13.5km az=46.0

ISC 01 03:16:53.0-0.4, 12.22N, 0.04E, 93.17E, h85km, n92, c187/112, mb4.3/36, Andaman Islands region

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like BALB, BUR08 Buccovina A, WHN Wuhan, PABE Pabezer, etc.

DDA 01 03:15:15.4-0.0, 38.94N, 28.18E, h7km, 2km, ML1.2, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Demirci, Manisa, Uak-Merkez, Gediz, etc.

DDA 01 03:16:14.7-0.0, 39.51N, 26.11E, h10km, ML1.4, ISK 01 03:16:14.2, 39.51N, 26.14E, h3km, ML1.7/11, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Canakkale, Gulpinar-Canak, Bozcaada, Uak-Merkez, etc.

NDI 01 03:16:51.7-3.0, 12.15N, 93.24E, h83km, 14km, ML4.6, mb4.5(NEIC)

NEIC 01 03:16:52.4+2.0, 12.21N, 0.08E, 93.21E, h68km, 2km, mb4.5/36, Error ellipse: s-maj=12.6km s-min=8.5km az=138.0

IDC 01 03:16:52.9-0.0, 12.11N, 93.31E, h85km, 15km, mb3.8/19, mbt3p.4/12, MS3.6/5, Error ellipse: s-maj=22.2km s-min=13.5km az=46.0

ISC 01 03:16:53.0-0.4, 12.22N, 0.04E, 93.17E, h85km, n92, c187/112, mb4.3/36, Andaman Islands region

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

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like RAGD, SHL, KOHI, RAMN, TAPN, JBP, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KBS, BOS, JZM, DJM, BORG, ILAR, INK, etc.

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

Table with columns: Station Name, Time, Res, and various data points. Includes stations like ASAR Alice Springs, QIS Mount Isa, MEK Meekatharra, etc.

Table with columns: Station Name, Time, Res, and various data points. Includes stations like GEYT Alibeck, TIXI Tikisi, ABKAR Akbulak array, etc.

Table with columns: Station Name, Time, Res, and various data points. Includes stations like BRTR Keskin Array B, BORA Eskisehir, TAU Tasmania Uvula, etc.

BGR 01 04:43:17.5, 21:59S, 178:43W, h450km
NEIC 01 04:43:26.5, 2.0, 21:35.0, 1:178.7W, 0.1, h532km, 6km,
mb4, 8/24, Error ellipse: s-maj=18.1km s-min=14.6km
az=124.0

NOU 01 04:43:26.8, 2.1:38S, 178:42W, h550km, mb4, 8/56, Fiji Islands Region
MOS 01 04:43:27.8, 0.9, 21:19S, 178:80W, h556km, mb4, 7/24,
Error ellipse: s-maj=10.5km s-min=9.7km az=159.5

ISC 01 04:43:26.1, 0.3, 21:31S, 178:05E, h536km,
n639, r1934/593, mb4/159, 67-21D, Fiji Islands region
Code Station Name Az' AZ' Phase ID Time Res

DJA 01 04:41:23.6, 2.0, 4:16N, 6:95E, 17, h10km, M4, 1.6, mb4, 3/1,
mB5, 5/1, MLV4, 1/6, Mw(mB)5, 0/1
NEIC 01 04:41:25.4, 1.0, 4:9N, 0:1, 1:94, 6E, 0:1, h47km, 8km,
mb4, 5/23, Error ellipse: s-maj=18.3km s-min=13.6km
az=225.0

ISC 01 04:41:33.1, 8.4, 4:90N, 94:73E, h125km, 77km, mb3, 8/10,
mbmp4, 2/11, Error ellipse: s-maj=39.0km s-min=15.4km
az=58.0

ISC 01 04:41:22.9, 0.5, 4:70N, 0:07, 94:47E, 0:09, h35km, n52,
o091/49, mb4, 4/22, Off west coast of northern Sumatra
Code Station Name Az' AZ' Phase ID Time Res

MSLI Meulaboh, Aceh 1.98 102 Op P 04 41 54.5 +0.6
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 01.2 -0.2
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 04.6 +3.1

MSLI Meulaboh, Aceh 1.98 102 Op P 04 41 54.5 +0.6
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 01.2 -0.2
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 04.6 +3.1

MSLI Meulaboh, Aceh 1.98 102 Op P 04 41 54.5 +0.6
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 01.2 -0.2
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 04.6 +3.1

MSLI Meulaboh, Aceh 1.98 102 Op P 04 41 54.5 +0.6
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 01.2 -0.2
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 04.6 +3.1

MSLI Meulaboh, Aceh 1.98 102 Op P 04 41 54.5 +0.6
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 01.2 -0.2
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 04.6 +3.1

MSLI Meulaboh, Aceh 1.98 102 Op P 04 41 54.5 +0.6
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 01.2 -0.2
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 04.6 +3.1

MSLI Meulaboh, Aceh 1.98 102 Op P 04 41 54.5 +0.6
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 01.2 -0.2
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 04.6 +3.1

MSLI Meulaboh, Aceh 1.98 102 Op P 04 41 54.5 +0.6
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 01.2 -0.2
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 04.6 +3.1

MSLI Meulaboh, Aceh 1.98 102 Op P 04 41 54.5 +0.6
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 01.2 -0.2
LHMI Lhok Sumawe 2.52 78 Pn P 04 42 04.6 +3.1

az=89.0
DJA 01 05:10:59.9,1.7,14°N,6°12'1E,1.1,h232km,19km,
M4.4,12.mb5.1/5,mb4.4/12,Mw(mb)4.4/5

ISC 01 05:10:48.5,0.3,13.85N,0.03,120.53E,0.04,h120km,
n163,r1561/178,mb4.5/64,12C-14D,Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Lists various stations like LUBP, MACP, TGY, etc.

Table with columns: ASAR, Alice Springs, 39.51 161 P P, 05 18 06.1 -1.6. Lists stations like MORW, MKK1, MKAR, etc.

Table with columns: INK, Inuvik, 83.02 21 P P, 05 22 59.1 -1.0. Lists stations like FAUS, NC405, NB2, etc.

JMA 01 05:17:57.3,0.3,32°N,3°13'8E,1, h405km, MV3.8/35,
FAR S OFF TOKAI DISTRICT

ISC 01 05:17:58.3,1.1,32°22'N,137°73'E,h393km,13km,
mb3.0/10,mbtmp3.7/12,Error ellipse: s-maj=31.9km

ISC 01 05:17:58.3,0.9,32°36'N,0.09,137°88'E,0.08,h400km,n26,
r137/31,mb3.2/10,Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Lists stations like JHJ, JHU, JHU2, etc.

TUL 01 05:25:22.6,0.7,36°44'N,0°01:98°79'W,0.03,h7km,7km,
ML3.4,4,mb, Lg2.9/66(NEIC),ML3.2/20(NEIC),Error ellipse:

ANF 01 05:25:23.3,0.4,36°40'N,98°80'W,h7km,4km,ML3.6/11,
Error ellipse: s-maj=5.3km s-min=3.9km az=95.0

NEIC 01 05:25:23.2,0.7,36°43'N,0°00:98°79'W,0.02,h4km,6km,
Error ellipse: s-maj=2.4km s-min=1.2km az=97.0

ISC 01 05:25:22.7,1.1,36°43'N,0°02:98°76'W,0.02,h3km,10km,
n86,r083/67,Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Lists stations like U32A, U32A2, U32A3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like R32A Long Quarter, W35A Tecumseh, TUL1 Leonard, etc.

IDC 01 05:42:45.8;1.1, 25.68N;142.20E, h0km, mb3.7/7, mbtmp3.7/7, MS3.0/1, Error ellipse: s-maj=51.5km s-min=16.4km az=90.0

ISC 01 05:42:50.8;1.2, 25.6N;01x142.2E;0.3, h35km, n12, c130/9, mb3.6/7, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, KSRS Korea Array, H1N2 WAKE ISLAND Hy 23.52, etc.

ISK 01 05:58:29.9;39.49N;26.04E, h10km, ML2.8/17 THE 01 05:58:30.7;39.49N;26.04E, h9km, 1km, ML2.6/10, Error ellipse: s-maj=1.7km s-min=0.8km az=84.0

ATH 01 05:58:31.3;39.50N;26.11E, h13km, 1km, ML2.6/7, Error ellipse: s-maj=2.1km s-min=0.7km az=71.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KOCO Canakkale, GPNR Gulpinar-Canak, PRK Parasekvi, etc.

IDC 01 05:59:45.6;1.6, 5.61S;151.17E, h50km, 14km, mb3.8/11, mbtmp4.1/12, ML2.3/1, MS3.8/4, Error ellipse: s-maj=29.7km s-min=14.2km az=117.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, RABL Rabul, PMG Port Moresby, etc.

IDC 01 05:59:54.2;59.0, 29.75N;133.51E, h0km, Error ellipse: s-maj=221.2km s-min=134.6km az=62.0, Southeast of Shikoku

IDC 01 06:00:02.6;9.5, 32.49S;179.96W, h297km, 104km, s-min=50.0km az=2.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I30JP ISUMI INFRASON, H45RU USSURIYSK INFR, etc.

TIR 01 06:07:40.0;39.96N;19.72E, h5km, Md2.7 ATH 01 06:07:43.2;39.96N;19.80E, h10km, 2km, ML1.5/2, Error ellipse: s-maj=3.7km s-min=1.5km az=129.0

1d 6h

SUA	Susitna One	59.78	31	P	P	06 18 27.6 +0.1
H21K	Melozitna Rive	59.79	26	P	P	06 18 29.1 +1.8
KBK	Karagbulak	59.82	308	P	P	06 18 29.6 +1.3
F21K	Alatna River	59.94	24	P	P	06 18 29.6 +1.2
CHMS	Chumysy	59.95	308	P	P	06 18 29.9 +1.0
I21K	Tanana	60.00	26	P	P	06 18 30.5 +1.7
SGDS	Sogindy	60.02	309	iP	P	06 18 30.1 +0.7
SGDS	Sogindy	60.02	309c	iP	P	06 18 30.1 +0.7
KTH	Kantishna Hill	60.10	28	IAMB	IAMB	06 18 32.2
O22K	Cooper Landing	60.11	32	P	P	06 18 30.0 +0.5
USP	Ospenovka	60.12	308	P	P	06 18 31.0 +0.9
M22K	Willow	60.12	30	P	P	06 18 29.7 +0.1
AAK	Ala-Archa	60.16	308	P	P	06 18 31.3 +0.8
AAK	Ala-Archa	60.16	308	P	P	06 18 31.4 +1.0
AAK	Ala-Archa	60.16	308	P	P	06 19 12.8 0.0
AAK	Ala-Archa	60.16	308	P	P	06 18 31.0 +0.5
AAK	Ala-Archa	60.16	308	P	P	06 18 31.6 +1.1
AAK	Ala-Archa	60.16	308	iP	P	06 18 31.4 +1.0
AAK	Ala-Archa	60.16	308	P	P	06 18 31.1 +0.6
AAK	Ala-Archa	60.16	308	P	P	06 18 31.3 +0.8
AAK	Ala-Archa	60.16	308	P	P	06 19 12.9 +0.1
UCH	Uchtor	60.16	307	P	P	06 18 32.7 +1.8
CUT	Chulitna	60.17	30	IAMB	IAMB	06 18 31.2
CUT	Chulitna	60.17	30	P	P	06 18 29.9 0.0
BPAW	Bear Paw Mtn.	60.18	28	P	P	06 18 31.3 +1.2
SEW	Seward	60.19	32	P	P	06 18 30.5 +0.5
RC01	Rabbit Creek A	60.20	31	P	P	06 18 30.6 +0.4
A21K	Barrow	60.22	19	P	P	06 18 31.3 +1.2
BTL5	Baital	60.38	310	iP	P	06 18 32.7 +0.9
BTL5	Baital	60.38	310c	iP	P	06 18 32.6 +0.9
H22K	Ishlatalina Cre	60.42	25	P	P	06 18 33.4 +1.7
MLY	Manley	60.48	26	IAMB	IAMB	06 18 34.7
MLY	Manley	60.48	26	P	P	06 18 33.7 +1.5
PMR	Palmer	60.56	31	IAMB	IAMB	06 18 33.8
PMR	Palmer	60.56	31	P	P	06 18 33.1 +0.5
PMR	Palmer	60.56	31	P	P	06 18 32.8 +0.2
G22K	Bettles	60.61	24	P	P	06 18 34.3 +1.4
HYB	Hyderabad	60.66	278	eP	P	06 18 34.5 +0.5
EKS2	Erkin-Say	60.68	308	P	P	06 18 35.1 +1.2
AML	Almayashu	60.78	307	P	P	06 18 36.4 +1.5
PWL	Port Wells	60.84	31	P	P	06 18 35.0 +0.5
KNK	Knik Glacier	60.86	31	P	P	06 18 35.3 +0.7
SML	Sawmill	60.97	30	P	P	06 18 36.0 +0.5
MCK	McKinley	61.00	28	IAMB	IAMB	06 18 37.0
MCK	McKinley	61.00	28	P	P	06 18 35.8 +0.2
I23K	Minto, Yukon-K	61.08	26	IAMB	IAMB	06 18 39.3
I23K	Minto, Yukon-K	61.08	26	P	P	06 18 37.4 +1.4
NEA2	Nenana	61.10	27	IAMB	IAMB	06 18 38.4
NEA2	Nenana	61.10	27	P	P	06 18 37.1 +0.9
G23K	Bananza Creek	61.13	25	P	P	06 18 38.1 +1.7
H23K	Yukon River	61.14	26	IAMB	IAMB	06 18 39.3
COLD	Coldfoot	61.18	24	IAMB	IAMB	06 18 39.6
COLD	Coldfoot	61.18	24	P	P	06 18 38.2 +1.6
P23K	Montague Islan	61.19	32	P	P	06 18 37.9 +1.0
BRZ5	Berezniaki	61.24	316	eP	P	06 18 37.8 +0.4
BRZ5	Berezniaki	61.24	316	eP	P	06 18 37.8 +0.4
M23K	Glacier View	61.26	30	P	P	06 18 38.0 +0.7
D23K	Nanushuk River	61.42	22	P	P	06 18 40.3 +2.1
SCM	Sheep Creek Mo	61.45	30	P	P	06 18 39.7 +1.1
WRH	Wood River Hill	61.49	27	P	P	06 18 39.2 +0.4
E23K	Chandalar	61.58	23	P	P	06 18 41.6 +2.1
TCOL	CIGO, UAF Yank	61.66	27	IAMB	IAMB	06 18 42.9
TCOL	CIGO, UAF Yank	61.66	27	P	P	06 18 40.3 +0.5
COLA	College	61.66	27	P	P	06 18 40.7 +0.9
COLA	College	61.66	27	P	P	06 18 40.8 +0.9
COLA	College	61.66	27	P	P	06 18 40.7 +0.9
COLA	College	61.66	27	P	P	06 18 40.1 +0.3
COLA	College	61.66	27	P	P	06 18 40.2 +0.3
PALK	Pallekele	61.78	267	P	P	06 18 41.4 -0.3
H24K	Noodor Dome	61.81	26	IAMB	IAMB	06 18 41.8 +0.1
H24K	Noodor Dome	61.81	26	P	P	06 18 42.0 +1.1
POKR	Poker Plat Res	61.88	27	P	P	06 18 41.7 +0.4
HDA	Harding Lake	61.97	28	IAMB	IAMB	06 18 42.8
HDA	Harding Lake	61.97	28	P	P	06 18 41.8 -0.2
E24K	Your Creek	62.00	23	P	P	06 18 43.8 +1.6
NIL	Nilore	62.02	297	P	P	06 18 43.2 +0.3
NIL	Nilore	62.02	297	P	P	06 18 43.2 +0.3
NIL	Nilore	62.02	297	P	P	06 18 44.2 +1.3
NIL	Nilore	62.02	297	P	P	06 18 44.0 +1.0
M24K	Tolsona, Glenn	62.02	30	IAMB	IAMB	06 19 30.6
M24K	Tolsona, Glenn	62.02	30	P	P	06 18 43.5 +1.0
IL31	comp=Z,54nm,0.8s	62.05	27	IAMB	IAMB	06 18 43.2
ILAR	Eielson Array	62.05	27	P	P	06 18 42.1 -0.4
EYAK	Cordova Ski Ar	62.07	32	P	P	06 18 43.9 +1.3
KLU	Klutina	62.08	31	P	P	06 18 44.0 +1.1
F24K	Squaw Lake	62.12	24	P	P	06 18 44.8 +1.8
G24K	Hadwenzic Riv	62.12	25	P	P	06 18 44.9 +1.9

2017 MAR

C24K	Franklin Bluff	62.28	21	P	P	06 18 45.3 +1.5
K24K	Donnelly Dome	62.40	28	P	P	06 18 45.4 +0.5
PAX	Paxson	62.42	29	IAMB	IAMB	06 18 47.1
PAX	Paxson	62.44	29	P	P	06 18 46.0 +0.7
DZA	Taraz	62.46	308	eP	P	06 18 46.5 +0.8
DZA	Taraz	62.46	308	eP	P	06 18 46.4 +0.8
HARP	HAARP	62.53	30	P	P	06 18 46.8 +1.1
BVAR	Borovyoye Array	62.66	319	P	P	06 18 47.5 +0.7
BVAR	Borovyoye Array	62.66	319	P	P	06 26 49.3 -1.3
G25K	Bearman Lake	62.67	25	P	P	06 18 48.0 +1.5
N25K	Chitina, Valde	62.72	31	IAMB	IAMB	06 18 48.3
N25K	Chitina, Valde	62.72	31	P	P	06 18 48.4 +1.3
BRVK	Borovyoye	62.73	320	P	P	06 18 47.7 +0.6
BRVK	Borovyoye	62.73	320	P	P	06 18 47.7 +0.6
BRVK	Borovyoye	62.73	320	P	P	06 18 48.2 +1.0
BRVK	Borovyoye	62.73	320	P	P	06 18 47.8 +0.6
BRVK	Borovyoye	62.73	320	P	P	06 18 47.7 +0.6
PRP	Porcupine Dome	62.73	26	P	P	06 18 46.6 -0.5
PRP	Porcupine Dome	62.73	26	P	P	06 18 46.4 -0.7
RIDG	Independent RI	62.80	28	P	P	06 18 47.8 +0.2
RIDG	Independent RI	62.80	28	P	P	06 18 47.7 +0.2
F25K	Christian River	62.98	24	P	P	06 18 50.5 +1.9
D25K	Kavik River	63.00	22	P	P	06 18 50.1 +1.4
KK31	Karatay Array	63.04	308	IAMB	IAMB	06 18 51.4
KKAR	Karatay Array	63.04	308	IAMB	IAMB	06 18 51.4
GLB	Gilahina Butte	63.08	31	IAMB	IAMB	06 18 51.5
E25K	Arctic Village	63.09	23	P	P	06 18 51.3 +2.0
D07K	Dot Lake	63.14	29	IAMB	IAMB	06 18 51.4
SCRK	Sand Creek	63.21	28	P	P	06 18 50.8 +0.6
MENT	Mentasta	63.24	29	P	P	06 18 51.8 +1.4
VRDI	Verde Repeater	63.24	31	IAMB	IAMB	06 18 52.6
L26K	Log Cabin Wild	63.41	29	IAMB	IAMB	06 18 53.7
L26K	Log Cabin Wild	63.41	29	P	P	06 18 52.5 +1.0
J26L	Joseph Creek	63.44	28	P	P	06 18 52.1 +0.3
MCARA	McCarthy VSAT	63.45	31	IAMB	IAMB	06 18 54.4
MCARA	McCarthy VSAT	63.45	31	P	P	06 18 52.8 +1.0
M26K	Nabesna, AK	63.53	30	P	P	06 18 53.3 +1.0
F26K	Sheenjek River	63.56	24	P	P	06 18 54.6 +2.2
G26K	Porcupine River	63.61	25	P	P	06 18 54.5 +1.8
C26K	Campen Bay	63.61	22	P	P	06 18 54.7 +2.2
I26K	Coal Creek Min	63.69	27	P	P	06 18 53.0 -0.3
CHM	Chimkent	63.79	308	eP	P	06 18 55.5 +1.1
CHM	Chimkent	63.79	308	eP	P	06 18 55.4 +1.1
CHM	Chimkent	63.79	308	eP	P	06 18 56.7 +1.7
C27K	Jago River	63.98	22	P	P	06 18 56.7 +1.7
M27K	Edge Creek, AK	64.05	30	IAMB	IAMB	06 18 57.5
M27K	Edge Creek, AK	64.05	30	P	P	06 18 56.7 +0.9
K27K	Chicken	64.05	28	IAMB	IAMB	06 18 58.1
K27K	Chicken	64.05	28	P	P	06 18 57.0 +1.4
L27K	Beaver Creek,	64.11	29	P	P	06 18 57.1 +1.1
I27K	Kandik River	64.35	26	P	P	06 18 58.4 +0.8
G27K	Doyon Strip	64.43	25	P	P	06 18 59.5 +1.5
H27K	Steamboat Moun	64.44	26	P	P	06 18 59.8 +1.7
EGAK	Eagle	64.49	27	IAMB	IAMB	06 19 00.1
EGAK	Eagle	64.49	27	P	P	06 18 58.7 +0.3
BVCY	Beaver Creek,	64.52	30	P	P	06 18 59.9 +1.2
E27K	Coleen River	64.57	24	P	P	06 19 00.7 +1.8
YUK3	Moose Creek	64.70	31	P	P	06 19 01.2 +1.1
PINM	Pinnacle	64.78	33	P	P	06 19 01.4 +1.0
O28M	Mount Upton	64.81	32	P	P	06 19 02.2 +1.3
YUK8	Steele Glacier	65.02	31	P	P	06 19 03.7 +1.4
PNL	Peninsula	65.21	33	P	P	06 19 04.4 +1.3
DAWY	Dawson	65.23	28	IAMB	IAMB	06 19 05.5
DAWY	Dawson	65.23	28	P	P	06 19 04.6 +1.4
KBL	Kabul	65.32	299	P	P	06 19 04.9 +0.3
KBL	Kabul	65.32	299	P	P	06 19 04.9 +0.3
KBL	Kabul	65.32	299	P	P	06 19 04.8 +0.3
YUK4	Talbot Arm	65.56	31	P	P	06 19 07.5 +1.9
O29M	Mount Kennedy	65.61	32	P	P	06 19 07.6 +1.8
M29M	Somme Creek	65.64	30	P	P	06 19 07.5 +1.6
YUK6	Outpost Mounta	65.71	32	P	P	06 19 08.3 +1.7
I29M	Ogilvie Camp	65.72	27	P	P	06 19 07.2 +0.9
J29M	Klondike Camp	65.75	28	IAMB	IAMB	06 19 09.2
J29M	Klondike Camp	65.75	28	P	P	06 19 08.0 +1.4
L29M	L29M	65.79	29	P	P	06 19 08.6 +1.8
K29M						

USRK	Ussuriysk Ar.	9.80 316	P	Pn	06 45 23.0 +0.4
USA0B	Ussuriysk Arra	9.80 316	P	Pn	06 45 22.1 -0.6
USA0B	Ussuriysk Arra	9.80 316	eP	Pn	06 45 23.4 +0.8
JCJ	Chichijima	10.40 176	P	Pn	06 45 30.9 -0.1
comp=N,98nm,0.4s,baz=266,slow=20,SNR=13					
USRK	Korea Arra	10.76 274	P	Pn	06 47 17.1 -8.6
comp=N,173nm,0.3s,baz=255,slow=21,SNR=9.0					
KSRs	Korea Arra	10.76 274	P	Pn	06 45 39.1 +3.3
comp=N,27nm,0.9s,baz=92,slow=13,SNR=52					
KSRs	Wanjiang	10.79 274	P	Pn	06 49 28.2
comp=N,1um,20.3s,baz=85,slow=36					
KSAR	Wonju Array Be	10.79 274	P	Pn	06 45 37.4 +1.1
KSAR	Wonju Array Be	10.79 274	P	Pn	06 45 37.4 +1.1
KSAR	Wonju Array Si	10.80 274	P	Pn	06 45 38.2 +1.8
JSU	Suzuyama	10.87 240	P	Pn	06 45 39.6 +2.2
JSU	Suzuyama	10.87 240	P	Pn	06 45 41.0 +3.6
comp=N,52nm,1.0s					
TJN	Taejon	11.34 269	P	Pn	06 45 44.6 +0.9
TJN	Taejon	11.34 269	P	Pn	06 45 44.6 +0.9
MDJ	Mudanjiang	11.42 312	eP	Pn	06 45 47.1 +2.3
MDJ	Mudanjiang	11.42 312	eP	Pn	06 46 02.7
MDJ	Mudanjiang	11.42 312	eP	Pn	06 47 57.3 +6.5
comp=N,39nm,1.1s					
MDJ	Mudanjiang	11.42 312	eP	Pn	06 45 49.0 +4.2
comp=N,120nm,4.8s					
MDJ	Mudanjiang	11.42 312	eP	Pn	06 45 52.8 +3.0
comp=N,600nm,22.8s					
MDJ	Mudanjiang	11.42 312	eP	Pn	06 46 10.0 -0.9
comp=N,970nm,21.7s					
MDJ	Mudanjiang	11.42 312	eP	Pn	06 46 18.4 -0.6
comp=N,2um,21.7s					
MDJ	Mudanjiang	11.42 312	eP	Pn	06 46 21.6 +2.7
INCN	Inchon	11.78 274	P	Pn	06 46 25.6
BNX	BinXian	13.33 312	eP	Pn	06 48 36.4 -1.0
BNX	BinXian	13.33 312	eP	Pn	06 48 51.0 -8.1
comp=N,3.0nm,0.5s					
BNX	BinXian	13.33 312	eP	Pn	06 46 10.2 -1.2
comp=N,89nm,3.7s					
BNX	BinXian	13.33 312	eP	Pn	06 48 36.6 -1.8
comp=N,480nm,18.8s					
BNX	BinXian	13.33 312	eP	Pn	06 46 15.7 +0.3
comp=N,620nm,24.1s					
BNX	BinXian	13.33 312	eP	Pn	06 51 30.6
comp=N,1um,19.1s					
TYV	Tymovskoe	13.38 3	eP	Pn	06 46 16.0 +0.4
TYV	Tymovskoe	13.38 3	eP	Pn	06 48 44.7 -1.1
comp=Z,110nm,1.0s					
TYV	Tymovskoe	13.38 3	eP	Pn	06 46 15.7 +0.3
comp=Z,100nm,2.6s					
TYV	Tymovskoe	13.38 3	eP	Pn	06 46 15.7 +0.3
comp=E,900nm,4.8s					
KLK	Kul'dur	13.66 332	P	Pn	06 46 15.7 +0.3
comp=Z,2.4nm,0.7s,baz=144,slow=11,SNR=7.9					
KLK	Kul'dur	13.66 332	P	Pn	06 46 15.7 +0.3
comp=Z,2.4nm,0.7s,baz=144,slow=11,SNR=7.9					
CN2	Changchun	13.67 302	eP	Pn	06 46 16.0 +0.4
CN2	Changchun	13.67 302	eP	Pn	06 48 44.7 -1.1
comp=E,10.0nm,1.0s					
CN2	Changchun	13.67 302	eP	Pn	06 46 16.0 +0.4
comp=E,370nm,16.0s					
CN2	Changchun	13.67 302	eP	Pn	06 48 44.7 -1.1
comp=E,610nm,16.0s					
CN2	Changchun	13.67 302	eP	Pn	06 46 16.0 +0.4
comp=E,750nm,17.0s					
GRNR	Gornyy	13.73 346	eP	Pn	06 46 14.0 -2.3
GRNR	Gornyy	13.73 346	eP	Pn	06 46 14.0 -2.3
comp=Z,4.0nm,0.9s					
GRNR	Gornyy	13.73 346	eP	Pn	06 46 14.0 -2.3
comp=E,270nm,17.0s					
GRNR	Gornyy	13.73 346	eP	Pn	06 46 14.0 -2.3
comp=Z,560nm,17.0s					
GRNR	Gornyy	13.73 346	eP	Pn	06 46 14.0 -2.3
comp=Z,20nm,1.1s					
SNY	Shenyang	14.43 293	eP	Pn	06 46 26.7 +1.1
SNY	Shenyang	14.43 293	eP	Pn	06 49 08.4 +4.3
comp=Z,20nm,1.1s					
SNY	Shenyang	14.43 293	eP	Pn	06 46 26.7 +1.1
comp=Z,790nm,15.6s					
SNY	Shenyang	14.43 293	eP	Pn	06 49 08.4 +4.3
comp=Z,1um,17.8s					
SNY	Shenyang	14.43 293	eP	Pn	06 46 26.7 +1.1
comp=Z,2um,16.3s					
JOW	Kunigami	15.41 230	P	Pn	06 46 37.6 -0.9
comp=Z,25nm,0.8s,baz=73,slow=14,SNR=5.3					
JOW	Kunigami	15.41 230	P	Pn	06 52 13.0
comp=Z,288nm,21.8s,baz=67,slow=36					
JOW	Kunigami	15.41 230	P	Pn	06 46 40.1 +1.6
OKH	Okha	16.07 306	eP	Pn	06 46 46.0 -0.8
OKH	Okha	16.07 306	eP	Pn	06 49 36.5 -7.3
comp=N,600nm,14.0s					
HEH	HeiHe	16.23 326	eP	Pn	06 46 47.7 -1.2
HEH	HeiHe	16.23 326	eP	Pn	06 46 47.7 -1.2
comp=N,6.0nm,0.9s					
HEH	HeiHe	16.23 326	eP	Pn	06 46 47.7 -1.2
comp=N,170nm,3.9s					
HEH	HeiHe	16.23 326	eP	Pn	06 46 47.7 -1.2
comp=N,340nm,17.5s					
HEH	HeiHe	16.23 326	eP	Pn	06 46 47.7 -1.2
comp=N,630nm,16.6s					
HEH	HeiHe	16.23 326	eP	Pn	06 46 47.7 -1.2
comp=N,950nm,19.9s					
SKR	Severo-Kuril's	16.82 34	eP	Pn	06 47 12.0 +1.4
SKR	Severo-Kuril's	16.82 34	eP	Pn	06 47 12.0 +1.4
comp=Z,123nm,1.0s					
SKR	Severo-Kuril's	16.82 34	eP	Pn	06 47 12.0 +1.4
comp=Z,300nm,18.0s					
ZEA	Zeya	18.97 333	eP	Pn	06 47 21.0 -0.3
comp=E,20nm,0.9s					
ZEA	Zeya	18.97 333	eP	Pn	06 47 21.0 -0.3
comp=Z,40nm,0.9s					
ZEA	Zeya	18.97 333	eP	Pn	06 47 21.0 -0.3
comp=N,30nm,0.8s					
ZEA	Zeya	18.97 333	eP	Pn	06 47 21.0 -0.3
comp=Z,100nm,5.4s					
ZEA	Zeya	18.97 333	eP	Pn	06 47 21.0 -0.3
comp=N,300nm,16.0s					
ZEA	Zeya	18.97 333	eP	Pn	06 47 21.0 -0.3
comp=E,200nm,16.0s					
ZEA	Zeya	18.97 333	eP	Pn	06 47 21.0 -0.3
comp=Z,300nm,15.0s					
PETK	Petropavlovsk-	19.26 31	P	P	06 47 24.3 -0.1
comp=Z,9.4nm,0.9s,baz=209,slow=15,SNR=6.3					
PETK	Petropavlovsk-	19.26 31	P	P	06 54 32.8
comp=Z,183nm,20.9s,baz=221,slow=36					
PETK	Petropavlovsk-	19.26 31	P	P	06 47 26.3 +0.4
PETK	Petropavlovsk-	19.26 31	P	P	06 47 26.3 +0.4
NJ2	Nanjing	19.33 260	eP	Pn	06 47 26.2 +0.8
NJ2	Nanjing	19.33 260	eP	Pn	06 47 26.2 +0.8
comp=Z,13nm,0.5s					
NJ2	Nanjing	19.33 260	eP	Pn	06 47 26.2 +0.8
comp=Z,160nm,5.5s					
PET	Petropavlovsk-	19.59 32	eP	Pn	06 47 29.6 -0.2
PET	Petropavlovsk-	19.59 32	eP	Pn	06 50 53.8 -1.2
comp=Z,18nm,0.9s					
PET	Petropavlovsk-	19.59 32	eP	Pn	06 47 29.6 -0.2
comp=Z,600nm,17.0s					
PET	Petropavlovsk-	19.59 32	eP	Pn	06 47 29.6 -0.2
comp=Z,1um,15.0s					
HIA	Hailar	19.60 314	eP	Pn	06 47 29.0 +0.8
HIA	Hailar	19.60 314	eP	Pn	06 47 29.0 +0.8
comp=Z,16nm,1.7s					
BJ1	Beijing	19.86 285	P	P	06 47 30.2 -0.9
BJ1	Beijing	19.86 285	P	P	06 47 30.2 -0.9
BJT	Baijiatou	19.86 285	P	P	06 47 31.0 -0.2
BJT	Baijiatou	19.86 285	P	P	06 47 31.0 -0.2
comp=Z,21nm,1.0s					
XLT	XilinHaoTe	20.23 296	eP	Pn	06 47 33.3 -1.9
XLT	XilinHaoTe	20.23 296	eP	Pn	06 47 51.3 -2.4
comp=Z,44nm,0.9s					
XLT	XilinHaoTe	20.23 296	eP	Pn	06 47 51.3 -2.4
comp=Z,160nm,5.5s					
XLT	XilinHaoTe	20.23 296	eP	Pn	06 51 12.8 -6.4
comp=Z,600nm,16.5s					
XLT	XilinHaoTe	20.23 296	eP	Pn	06 47 33.3 -1.9

TATO	Taipei	21.11 239	P	P	06 47 49.9 +5.2
HONGSHAN	HongShan	21.22 278	eP	Pn	06 47 43.5 -2.3
HNS	HongShan	21.22 278	eP	Pn	06 48 03.1 -1.3
HNS	HongShan	21.22 278	eP	Pn	06 51 32.0 -6.7
HNS	HongShan	21.22 278	eP	Pn	06 52 10.9 +7.3
HNS	HongShan	21.22 278	eP	Pn	06 47 49.9 +5.2
HNS	HongShan	21.22 278	eP	Pn	06 47 43.5 -2.3
HNS	HongShan	21.22 278	eP	Pn	06 48 03.1 -1.3
HNS	HongShan	21.22 278	eP	Pn	06 51 32.0 -6.7
HNS	HongShan	21.22 278	eP	Pn	06 52 10.9 +7.3
HNS	HongShan	21.22 278	eP	Pn	06 47 49.9 +5.2
HNS	HongShan	21.22 278	eP	Pn	06 47 43.5 -2.3
HNS	HongShan	21.22 278	eP	Pn	06 48 03.1 -1.3
HNS	HongShan	21.22 278	eP	Pn	06 51 32.0 -6.7
HNS	HongShan	21.22 278	eP	Pn	06 52 10.9 +7.3
HNS	HongShan	21.22 278	eP	Pn	06 47 49.9 +5.2
HNS	HongShan	21.22 278	eP	Pn	06 47 43.5 -2.3
HNS	HongShan	21.22 278	eP	Pn	06 48 03.1 -1.3
HNS	HongShan	21.22 278	eP	Pn	06 51 32.0 -6.7
HNS	HongShan	21.22 278	eP	Pn	06 52 10.9 +7.3
HNS	HongShan	21.22 278	eP	Pn	06 47 49.9 +5.2
HNS	HongShan	21.22 278	eP	Pn	06 47 43.5 -2.3
HNS	HongShan	21.22 278	eP	Pn	06 48 03.1 -1.3
HNS	HongShan	21.22 278	eP	Pn	06 51 32.0 -6.7
HNS	HongShan	21.22 278	eP	Pn	06 52 10.9 +7.3
HNS	HongShan	21.22 278	eP	Pn	06 47 49.9 +5.2
HNS	HongShan	21.22 278	eP	Pn	06 47 43.5 -2.3
HNS	HongShan	21.22 278	eP	Pn	06 48 03.1 -1.3
HNS	HongShan	21.22 278	eP	Pn	06 51 32.0 -6.7
HNS	HongShan	21.22 278	eP	Pn	06 52 10.9 +7.3
HNS	HongShan	21.22 278	eP	Pn	06 47 49.9 +5.2
HNS	HongShan	21.22 278	eP	Pn	06 47 43.5 -2.3
HNS	HongShan	21.22 278	eP	Pn	06 48 03.1 -1.3
HNS	HongShan	21.22 278	eP	Pn	06 51 32.0 -6.7
HNS	HongShan	21.22 278	eP	Pn	06 52 10.9 +7.3
HNS	HongShan	21.22 278	eP	Pn	06 47 49.9 +5.2
HNS	HongShan	21.22 278	eP	Pn	06 47 43.5 -2.3
HNS	HongShan	21.22 278	eP	Pn	06 48 03.1 -1.3
HNS	HongShan	21.22 278	eP	Pn	06 51 32.0 -6.7
HNS	HongShan	21.22 278	eP	Pn	06 52 10.9 +7.3
HNS	HongShan	21.22 278	eP	Pn	06 47 49.9 +5.2
HNS	HongShan	21.22 278	eP	Pn	06 47 43.5 -2.3
HNS	HongShan	21.22 278	eP	Pn	06 48 03.1 -1.3
HNS	HongShan	21.22 278	eP	Pn	06 51 32.0 -6.7
HNS	HongShan	21.22 278	eP	Pn	06 52 10.9 +7.3
HNS	HongShan	21.22 278	eP	Pn	06 47 49.9 +5.2
HNS	HongShan	21.22 278	eP	Pn	06 47 43.5 -2.3
HNS	HongShan	21.22 278	eP	Pn	06 48 03.1 -1.3
HNS	HongShan	21.22 278	eP	Pn	06 51 32.0 -6.7
HNS	HongShan	21.22 278	eP	Pn	06 52 10.9 +7.3
HNS	HongShan	21.22 278	eP	Pn	06 47 49.9 +5.2
HNS	HongShan	21.22 278	eP	Pn	06 47 43.5 -2.3
HNS	HongShan	21.22 278	eP	Pn	06 48 03.1 -1.3
HNS	HongShan	21.22 278	eP	Pn	06 51 32.0 -6.7
HNS	HongShan	21.22 278	eP		

Table with columns for station name, frequency, power, and signal quality. Includes stations like SPA0 Spitsbergen Ar, KBS Kingsbay, HSPB Hornsund broa, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like KBZ Khabaz, KIV Kislovodsk, KIV Kislovodsk, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like CMB Columbia Colle, DOMB Dombas, ICESG Greenland Ices, etc.

JOW	comp=Z,96nm,0.9s	Kunigami	33.08 357	P	I	07 06 02.5	-0.2
JOW	comp=Z,38nm,0.7s	Gunungsitoli	33.28 282	P	P	07 06 03.5	-1.2
GSI	comp=Z,321nm,1.0s,comp=Z,3um	Sydney Hard Ro	33.31 148	P	P	07 06 06.3	+1.6
BRAT	comp=Z,33nm,0.7s	Ballariv	33.49 160	P	P	07 06 08.1	+1.9
RIV	comp=Z,34nm,0.7s	Riverview	33.59 147	P	P	07 06 09.2	+2.1
CAN	comp=Z,136nm,0.8s	Canberra	33.66 151	P	I	07 06 08.4	+0.6
CAN	comp=Z,136nm,0.8s	Canberra	33.66 151	P	I	07 06 10.5	
CAN	comp=Z,136nm,0.8s	Canberra	33.66 151	P	P	07 06 09.0	+1.2
CAN	comp=Z,136nm,0.8s	Canberra	33.66 151	P	P	07 06 08.4	+0.6
CAN	comp=Z,136nm,0.8s	Canberra	33.66 151	P	P	07 06 09.1	+1.3
KCSI	comp=Z,36nm,0.7s	Kotacane, Aceh	33.67 286	P	P	07 06 05.5	-2.6
SRIT	comp=Z,36nm,0.7s	Nakonsritamara	33.79 296	P	P	07 06 08.8	-0.3
SRIT	comp=Z,36nm,0.7s	Nakonsritamara	33.79 296	P	I	07 06 10.1	
SRIT	comp=Z,36nm,0.7s	Nakonsritamara	33.79 296	P	P	07 06 09.7	+0.6
CNB	comp=Z,36nm,0.7s	Canberra Magne	33.83 151	P	P	07 06 11.2	+1.9
WOLH	comp=Z,36nm,0.7s	Wollongong Har	33.88 148	P	P	07 06 12.1	+2.5
SURA	comp=Z,118nm,0.8s	Surathani	34.01 287	P	P	07 06 11.7	+0.7
TOO	comp=Z,34nm,SNR=21	Toolangi	34.07 158	P	P	07 06 13.3	+2.0
TOO	comp=Z,34nm,SNR=21	Toolangi	34.07 158	P	I	07 06 12.9	+1.6
TOO	comp=Z,34nm,SNR=21	Toolangi	34.07 158	P	I	07 06 14.5	
TOO	comp=Z,34nm,SNR=21	Toolangi	34.07 158	P	P	07 06 13.5	+2.2
TOO	comp=Z,34nm,SNR=21	Toolangi	34.07 158	P	P	07 06 12.9	+1.6
TOO	comp=Z,34nm,SNR=21	Toolangi	34.07 158	P	P	07 06 15.7	+3.4
TOO	comp=Z,34nm,SNR=21	Toolangi	34.07 158	P	P	07 06 15.9	+1.9
TOO	comp=Z,34nm,SNR=21	Toolangi	34.07 158	P	P	07 06 18.9	+1.4
LHMI	comp=Z,89nm,1.0s	Lhok Sumawe	34.98 289	P	P	07 06 18.7	-0.6
LHMI	comp=Z,89nm,1.0s	Lhok Sumawe	34.98 289	P	P	07 06 18.1	-1.2
NAYO	comp=Z,39nm,0.9s,comp=Z,3um	Nakonayok	35.13 306	P	P	07 06 20.8	+0.2
MILA	comp=Z,35nm,SNR=4.6	Mila	35.15 153	P	P	07 06 22.6	+2.0
MILA	comp=Z,35nm,SNR=4.6	Mila	35.15 153	P	P	07 06 22.2	+1.6
MLSI	comp=Z,167nm,0.6s	Meulaboh, Aceh	35.20 287	P	P	07 06 18.6	-2.6
JCJ	comp=Z,114nm,0.6s,baz=279,slo=19,SNR=6.5	Chichijima	35.32 19	P	LR	07 06 22.2	+0.1
JCJ	comp=Z,114nm,0.6s,baz=279,slo=19,SNR=6.5	Chichijima	35.32 19	P	LR	07 18 20.4	
NONG	comp=Z,140nm,20.9s,baz=176,slo=32	Nongkai	35.98 313	P	P	07 06 28.1	+0.3
KOUNC	comp=Z,140nm,20.9s,baz=176,slo=32	Koumac, New Ca	36.06 116	P	I	07 06 27.9	+0.6
KOUNC	comp=Z,140nm,20.9s,baz=176,slo=32	Koumac, New Ca	36.06 116	P	I	07 06 30.2	
KOUNC	comp=Z,140nm,20.9s,baz=176,slo=32	Koumac, New Ca	36.06 116	P	P	07 06 29.4	+0.9
GULI	comp=Z,42nm,1.0s	Guilin	36.85 329	P	S	07 06 40.8	+5.7
GULI	comp=Z,42nm,1.0s	Guilin	36.85 329	P	S	07 12 10.4	+1.8
GULI	comp=Z,44nm,1.2s	Guilin		P	LR		
GULI	comp=Z,170nm,14.1s	Guilin		P	LR		
GULI	comp=Z,240nm,15.2s	Guilin		P	LR		
SRDT	comp=Z,330nm,17.3s	Srdt	36.94 304	P	P	07 06 37.2	+1.2
JSHU	comp=Z,37.70	Suzuyama	37.70 1	P	P	07 06 33.3	+1.1
AULHS	comp=Z,37.94	Llydale High	37.94 159	P	P	07 06 45.8	+1.7
CORO	comp=Z,38.09	Coronation Par	38.09 159	P	P	07 06 47.7	+2.4
NOUC	comp=Z,38.33	Port Laguerre	38.33 118	P	P	07 06 48.3	+0.6
NOUC	comp=Z,38.33	Port Laguerre	38.33 118	P	P	07 06 48.1	+0.4
NOUC	comp=Z,38.33	Port Laguerre	38.33 118	P	P	07 07 21.1	+1.7
PHRAE	comp=Z,38.41	Phrae	38.41 311	P	P	07 06 48.9	+0.6
DZM	comp=Z,38.45	Mont Dzumac	38.45 118	eP	P	07 06 49.0	+0.3
DZM	comp=Z,38.45	Mont Dzumac	38.45 118	eLR	LR	07 17 29.2	
DZM	comp=Z,38.45	Mont Dzumac	38.45 118	P	P	07 06 49.0	+0.3
DZM	comp=Z,38.45	Mont Dzumac	38.45 118	P	I	07 06 49.5	+0.8
DZM	comp=Z,38.45	Mont Dzumac	38.45 118	P	I	07 06 50.7	
DZM	comp=Z,38.45	Mont Dzumac	38.45 118	P	P	07 06 49.7	+0.9
DZM	comp=Z,38.45	Mont Dzumac	38.45 118	P	P	07 06 49.5	+0.8
YATNC	comp=Z,38.81	Mamie plateau, Ouen Island, N	38.81 117	I	I	07 06 53.5	+1.6
OUENC	comp=Z,38.81	Ouen Island, N	38.81 118	P	P	07 06 54.7	
MOO	comp=Z,38.91	Ouen Island, N	38.91 118	P	P	07 06 53.9	+1.4
MOO	comp=Z,38.91	Ouen Island, N	38.91 118	P	P	07 06 54.4	+1.7
MOO	comp=Z,38.91	Ouen Island, N	38.91 118	P	P	07 06 55.1	+2.3
JNU	comp=Z,39.32	Nakatsue	39.32 1	P	P	07 06 55.4	-0.3
JNU	comp=Z,39.32	Nakatsue	39.32 1	P	LR	07 22 13.0	
JNU	comp=Z,39.32	Nakatsue	39.32 1	P	P	07 06 55.3	-0.3
JNU	comp=Z,39.32	Nakatsue	39.32 1	P	P	07 06 56.1	+0.4
CM31	comp=Z,39.37	Chiang Mai Arr	39.37 309	I	I	07 06 57.0	+0.7
CMAR	comp=Z,39.37	Chiang Mai Arr	39.37 309	P	P	07 06 56.8	+0.4
CMAR	comp=Z,39.37	Chiang Mai Arr	39.37 309	P	P	07 09 01.9	0.0
CMAR	comp=Z,39.37	Chiang Mai Arr	39.37 309	P	P	07 12 35.9	-0.6
CMAR	comp=Z,39.37	Chiang Mai Arr	39.37 309	P	P	07 25 57.8	
CMAR	comp=Z,39.37	Chiang Mai Arr	39.37 309	P	P	07 06 56.7	+0.4
CRAI	comp=Z,43nm,0.8s	Chiangrai	39.37 313	I	I	07 06 58.0	
TAU	comp=Z,54nm,1.1s	Tasmania Unive	39.44 160	P	I	07 06 57.6	+1.1
TAU	comp=Z,54nm,1.1s	Tasmania Unive	39.44 160	P	I	07 06 59.4	
TAU	comp=Z,54nm,1.1s	Tasmania Unive	39.44 160	P	P	07 06 58.6	+2.1
TAU	comp=Z,54nm,1.1s	Tasmania Unive	39.44 160	P	P	07 06 57.6	+1.1
TAU	comp=Z,54nm,1.1s	Tasmania Unive	39.44 160	P	P	07 06 58.8	+2.2
CHTO	comp=Z,54nm,1.1s	Chiang Mai	39.58 310	P	P	07 06 58.1	+0.1
CHTO	comp=Z,54nm,1.1s	Chiang Mai	39.58 310	P	P	07 06 58.1	+0.1
MARCN	comp=Z,9.0nm,1.2s	Mare, Loyalty	39.68 116	P	P	07 07 01.8	+2.9
WHN	comp=Z,360nm,1.0s	Wuhan	39.69 339	P	P	07 06 59.9	+1.2
WHN	comp=Z,360nm,1.0s	Wuhan	39.69 339	P	P	07 07 33.6	-2.8
WHN	comp=Z,360nm,1.0s	Wuhan	39.69 339	P	P	07 12 52.2	+1.1
WHN	comp=Z,360nm,1.0s	Wuhan	39.69 339	P	P	07 13 46.6	-1.0
NJ2	comp=Z,37nm,0.6s	Nanjing	39.70 345	P	P	07 06 59.4	+0.6
NJ2	comp=Z,37nm,0.6s	Nanjing	39.70 345	P	P	07 07 29.7	-1.8
NJ2	comp=Z,37nm,0.6s	Nanjing	39.70 345	P	P	07 12 37.6	+0.2
NJ2	comp=Z,37nm,0.6s	Nanjing	39.70 345	P	P	07 08 13.0	+0.9
NJ2	comp=Z,37nm,0.6s	Nanjing	39.70 345	P	P	07 08 42.2	-2.2
NJ2	comp=Z,37nm,0.6s	Nanjing	39.70 345	P	P	07 13 54.0	+1.1
NJ2	comp=Z,37nm,0.6s	Nanjing	39.70 345	P	P	07 14 59.3	-5.2
GYA	comp=Z,220nm,3.7s	Guiyang	39.75 326	P	P	07 07 00.2	+0.7
GYA	comp=Z,220nm,3.7s	Guiyang	39.75 326	P	P	07 07 28.7	-2.3
GYA	comp=Z,220nm,3.7s	Guiyang	39.75 326	P	P	07 12 50.9	-1.5
GYA	comp=Z,220nm,3.7s	Guiyang	39.75 326	P	P	07 15 58.9	+4.2
JMN	comp=Z,79nm,0.9s	Monobe	40.08 5	P	P	07 07 02.6	+0.6
JMN	comp=Z,79nm,0.9s	Monobe	40.08 5	P	I	07 07 03.7	
JMN	comp=Z,79nm,0.9s	Monobe	40.08 5	P	P	07 07 03.0	+1.0
JMN	comp=Z,79nm,0.9s	Monobe	40.08 5	P	LR	07 21 57.0	
KMI	comp=Z,301nm,18.2s,baz=260,slo=33	Kunming	41.07 321	P	P	07 07 11.7	+1.2
KMI	comp=Z,301nm,18.2s,baz=260,slo=33	Kunming	41.07 321	P	P	07 07 39.8	-2.4
KMI	comp=Z,301nm,18.2s,baz=260,slo=33	Kunming	41.07 321	P	P	07 13 08.7	-3.5

KMI	comp=Z,79nm,1.3s	Kunming	41.07 321	P	P	07 07 11.6	+1.1
KMI	comp=Z,110nm,12.5s	Kunming	41.28 4	P	P	07 07 12.9	+1.1
KMI	comp=Z,170nm,14.3s	Kunming	41.45 333	I	I	07 07 14.2	
KMI	comp=Z,250nm,18.5s	Kunming	41.45 333	I	I	07 07 13.2	0.0
KMI	comp=Z,250nm,18.5s	Kunming	41.45 333	P	P	07 07 12.9	-0.3
KMI	comp=Z,250nm,18.5s	Kunming	41.45 333	P	P	07 07 19.4	+1.4
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 19.9	-0.6
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 20.9	+0.2
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 22.3	+0.7
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 24.7	
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 23.5	+0.8
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 22.3	-0.3
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 23.4	-0.1
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 28.1	-0.9
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 12 53.5	+1.4
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 30.2	
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 30.8	0.0
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 30.9	-0.1
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 31.1	+0.1
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 09 16.6	+0.7
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 12 52.6	-0.6
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 24 48.3	
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 32.1	+0.6
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 32.8	+0.5
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 08 21.0	+0.3
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 33.8	+0.2
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 08 08.7	-2.8
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 12 55.0	+0.5
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 13 50.4	-3.8
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 17 17.8	+0.7
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 36.3	+0.8
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 39.9	-0.7
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 40.8	+0.2
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 40.2	-0.8
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 08 13.7	+0.4
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 12 58.4	0.0
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 14 01.1	-6.6
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 17 22.0	-0.8
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 39.9	-0.7
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 40.8	+0.2
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 07 40.2	-0.8
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 08 13.7	+0.4
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333	P	P	07 12 58.4	0.0
ENH	comp=Z,54nm,0.7s	Enshi	41.45 333				

HYB	comp=Z,787nm,1.6s	IVmB_BB	07 09 04.7						
KOLDANDA	56.24 309 eP	P	07 09 06.4 +0.1						
DANGSING	56.41 310 eP	P	07 09 07.5 -0.1						
HEH	comp=Z,354nm,0.9s	eP	07 09 07.0 -0.2						
HEH		pP	07 09 40.1 -1.0						
HEH		S	07 16 45.0 -1.5						
HEH		ScS	07 18 37.2 -4.2						
HEH	comp=Z,53nm,1.2s	pmax							
HEH		pmax							
PYUN	comp=Z,170nm,6.3s		07 09 10.8 0.0						
PIUTHAN	56.87 309 eP	P	07 09 10.8 0.0						
DGAR	comp=Z,860nm,1.0s		07 09 12.8 +0.2						
DGAR	57.12 265 P	P	07 09 12.8 +0.2						
DGAR	57.12 265 P	P	07 09 12.8 +0.2						
DGAR		pmax							
DGAR	comp=Z,365nm,1.2s		07 09 13.3 +0.8						
DGAR	57.12 265 P	P	07 09 13.4 +0.8						
GRNR	57.21 5 eP	P	07 09 06.1 -6.4						
KAAM	57.32 275 P	P	07 09 14.9 +0.9						
KAAM	57.32 275 P	P	07 09 14.4 +0.4						
AFI	57.66 102 LR	LR	07 03 59.6						
AFI	comp=Z,81nm,19.3s,ba=248,slow=56								
AFI	57.66 102 P	P	07 09 17.2 +0.8						
AFI	57.66 102 P	P	07 09 17.2 +0.8						
AFI		pmax							
ULN	comp=Z,169nm,1.1s		07 09 16.7 +0.5						
ULN	57.71 342 P	Iamb	07 09 18.6						
ULN	57.71 342 P	Iamb	07 09 18.6						
ULN	comp=Z,64nm,0.8s		07 09 16.7 +0.5						
ULN	57.71 342 P	pmax	07 09 16.7 +0.5						
ULN	57.71 342 P	P	07 09 17.6 +1.4						
ULN	57.71 342 P	P	07 09 17.2 +1.0						
ULN		pP	07 09 51.2 +1.1						
ULN		P	07 09 18.1 +0.7						
SOMM	57.89 341 pP	pP	07 09 53.8 +2.4						
SOMM	comp=Z,24nm,0.9s,ba=159,slow=5.7,SNR=133								
SOMM	57.89 341 pP	pP	07 09 53.8 +2.4						
SOMM	comp=Z,6.0nm,1.0s,ba=194,slow=5.4,SNR=1.5		07 38 00.1						
SOMM		LR							
SOMM	comp=Z,80nm,18.6s,ba=164,slow=6.0		07 38 59.1 +0.9						
SOMM		LR							
SOMM	comp=Z,0.3nm,0.6s,ba=29,slow=3.4,SNR=3.7		07 39 11.6						
SOMM		PKP2bc							
SOMM	comp=Z,0.6nm,0.9s,ba=336,slow=3.3,SNR=3.7								
SOMM	57.89 341 Iamb	Iamb	07 09 19.8						
SOMM	57.89 341 Iamb	Iamb	07 09 19.8						
TYV	58.07 9 eP	P	07 09 19.9 +1.4						
TYV	58.07 9 eP	S	07 17 10.5 +3.0						
TYV		eS							
TYV	comp=Z,13nm,0.7s								
TYV		pmax							
TYV	comp=Z,100nm,2.6s								
TYV		pmax							
TYV	comp=N,300nm,4.4s								
TYV		smax							
TYV		smax							
TYV		smax							
HMDI	comp=E,300nm,4.4s								
HMDI	58.20 282 P	P	07 09 18.0 -2.1						
ZEA	59.96 358 P	P	07 09 32.0 +0.6						
ZEA		pmax							
ZEA	comp=N,20nm,1.3s								
ZEA		pmax							
DRV	comp=Z,40nm,1.2s		07 09 35.7 +0.4						
ZAK	60.56 175 P	P	07 09 39.9 +0.4						
ZAK	61.11 341 eP	P	07 09 39.9 +0.4						
ZAK		pmax							
IRK	comp=Z,30nm,1.2s		07 09 48.8 +0.8						
IRK	62.42 342 eP	P	07 09 48.8 +0.8						
IRK		pmax							
WMQ	comp=Z,100nm,2.0s		07 09 52.6 +1.0						
WMQ	62.91 327 eP	P	07 14 16.6 +0.1						
WMQ		ScP							
WMQ		pmax							
WMQ	comp=Z,150nm,1.1s								
WMQ		pmax							
MOY	comp=Z,2um,5.5s		07 09 53.1 +1.3						
MOY	62.97 340 eP	pmax	07 09 53.1 +1.3						
PEAOB	comp=Z,121nm,1.8s								
PETK	63.76 18 dI/P	P	07 09 57.9 +1.1						
PETK	63.76 18 P	P	07 09 57.5 +0.7						
PETK	comp=Z,92nm,0.8s,ba=188,slow=6.0,SNR=19								
PETK	comp=Z,30nm,0.8s								
PET	63.98 19j eP	P	07 09 58.9 +0.6						
PET		pmax							
BOD	comp=Z,49nm,1.4s		07 10 07.6 +0.8						
BOD	65.31 351 eP	pmax	07 10 07.6 +0.8						
BOD		pmax							
ROCAM	comp=Z,57nm,1.6s		07 10 12.7 +1.3						
WUS	65.91 321 P	P	07 10 14.9 +0.9						
ZSN	66.78 328 j/P	P	07 10 17.3 +0.8						
ZSN	66.78 328 j/P	P	07 10 17.3 +0.8						
NIL	66.84 311 P	P	07 10 17.6 +0.4						
NIL	66.84 311 P	P	07 10 17.6 +0.4						
NIL		pmax							
NIL	comp=Z,116nm,0.7s		07 10 18.1 +0.9						
NIL	66.84 311 P	P	07 10 17.5 +0.3						
GDZ	66.99 331 c/P	P	07 10 18.7 +0.8						
GDZ		pmax							
SHLS	comp=Z,114nm,1.0s		07 10 19.4 -0.4						
SHLS	67.26 322 j/P	P	07 10 19.4 -0.4						
SHLS	comp=Z,87nm,1.0s,ba=322								
SHLS	67.26 322 c/P	P	07 10 19.3 -0.4						
TARG	comp=Z,87nm,1.0s		07 10 33.9						
TARG	67.52 320 Iamb	Iamb	07 10 33.9						
UZB	comp=Z,80nm,1.2s		07 10 22.4 +1.0						
UZB	67.53 322 j/P	P	07 10 22.4 +1.0						
UZB	comp=Z,83nm,1.2s,ba=322								
UZB	67.53 322 c/P	P	07 10 22.4 +1.0						
KSH	comp=Z,83nm,1.2s		07 10 23.3 +1.4						
KSH	67.59 317 P	S	07 19 07.5 +0.5						
KSH		ScS	07 20 06.8 +0.5						
KSH		pmax							
KSH	comp=Z,110nm,0.9s								
KSH		LR							
KSH	comp=Z,290nm,22.9s								
KSH		LR							
MK31	comp=Z,190nm,21.7s		07 10 23.4 +0.8						
MKAR	67.74 327 c/P	P	07 10 23.4 +0.9						
MKAR	67.74 327 c/P	P	07 10 23.4 +0.9						
MKAR	comp=Z,122nm,0.7s,ba=124,slow=7.8,SNR=999		07 10 59.2 +1.7						
MKAR		pP							
MKAR	comp=Z,16nm,0.8s,ba=114,slow=5.9,SNR=1.6								
MKAR		pP							
MKAR	comp=Z,122nm,0.7s		07 10 23.6 +1.0						
MKAR	67.74 327 P	P	07 10 23.3 +0.7						
MKAR	67.74 327 i/P	P	07 10 23.3 +0.7						
MA2	comp=Z,124nm,0.7s		07 39 32.8						
MA2	67.81 11 LR	LR	07 39 32.8						
MA2	comp=Z,54nm,21.1s,ba=119,slow=35								
MA2	67.81 11 cP	P	07 10 23.3 +0.6						
ZHNH	comp=Z,33nm,1.6s		07 10 24.6 +0.9						
ZHNH	67.90 322 eP	P	07 10 24.6 +0.9						
ZHNH	comp=Z,48nm,1.0s,ba=322								
ZHNH	67.90 322 eP	P	07 10 24.6 +0.9						
ZHNH		pmax							
KPKS	comp=Z,48nm,1.0s		07 10 24.7 +0.9						
KPKS	67.91 322 j/P	P	07 10 24.7 +0.9						
KPKS	comp=Z,95nm,0.9s,ba=322								
KPKS	67.91 322 c/P	P	07 10 24.6 +0.9						
MAKZ	comp=Z,95nm,0.9s		07 10 24.6 +0.9						
MAKZ	67.92 327 P	P	07 10 24.6 +0.9						
MAKZ	67.92 327 P	P	07 10 24.6 +0.9						
MAKZ		pmax							
MAKZ	comp=Z,145nm,0.9s		07 10 24.4 +0.7						
MAKZ	67.92 327 P	P	07 10 25.3 +0.1						
YAK	68.23 360 c/P	P	07 10 59.9 +1.3						
YAK		ePP	07 10 59.5 +0.9						
YAK		eP	07 12 58.2						
YAK		ePPP	07 14 38.8						
YAK		eS	07 19 12.7 -0.6						

YAK	comp=Z,92nm,1.1s	e	07 20 06.8						
YAK		eSS	07 23 40.2 +0.6						
YAK		pmax							
YAK	comp=N,34nm,1.1s								
YAK		pmax							
YAK	comp=E,12nm,1.3s								
YAK		pmax							
YAK	comp=N,69nm,2.9s								
YAK		pmax							
YAK	comp=Z,89nm,3.2s								
YAK		pmax							
YAK	comp=E,78nm,3.3s								
YAK		smax							
YAK	comp=E,356nm,1.9s								
YAK		smax							
TNSS	comp=N,141nm,1.3s		68.75 321 eP	P	07 10 31.3 +1.9				
TNSS	Tian-Shan	68.75 321 eP	P	07 10 31.3 +1.9					
TNSS	baz=321								
MDOK	Medeo	68.75 321 i/P	P	07 10 30.2 +1.1					
MDOK	baz=321								
MDOK	Medeo	68.75 321 P	P	07 10 30.2 +1.1					
CCD	Concordia, Ant	68.76 182 P	P	07 10 29.6 +0.7					
ULHL	Ulaloh	68.79 320 P	P	07 10 30.5 +1.1					
AAA	Alma-Ata	68.86 321 eP	P	07 10 30.9 +1.2					
AAA	SNR=44								
AAA	Alma-Ata	68.86 321 eP	P	07 10 30.8 +1.2					
CHKK	Chushkaly	69.15 322 eP	P	07 10 32.0 +0.6					
CHKK	baz=322								
CHKK									

Table with columns: AKT, AKT, e, pmax, pmax, 07 15 48.1, etc. Lists various stations and their associated data.

Table with columns: EIL, Elat, 97.53 299 P, P, 07 12 57.6 -1.0, etc. Lists various stations and their associated data.

Table with columns: BDFB, PKPab, PKPab, 07 19 53.6 -1.4, etc. Lists various stations and their associated data.

1d 7h

2017 MAR

Table with columns: ALN, comp, E, 270um, 0.4s, AML, AML, 07 05 17.7, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Time, Res, ISC

Table with columns: PB02, IPOC Station P, 1.81 334, eP, eS, IAML, 07 43 29.3 -0.4, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Time, Res, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Time, Res, ISC

MPEP Malo Peshtene 4.23 336 i P Pg 07 50 51.2 +3.4

NNC 01 08:10:42.0±3.6, 54.29N±87.01E, h0km, mb3.5, mpv2.6, Error ellipse: s-maj=29.8km s-min=19.8km az=10.0, Suspected Mining explosion. IDC 01 08:10:42.8±2.6, 54.27N±87.00E, h0km, mbtmp2.9/3, ML2.5/3, Error ellipse: s-maj=22.9km s-min=14.7km az=68.0.

ISC 01 08:10:43.4±4.1, 54.3N±0.2±86.8E±0.2, h0km, n9, σ156/14, GC-5D Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZALESOVO INFRA, ZAAO Zalesovo Array, ZALV Zalesovo Beam, KURK Kurchatov, KURBB Kurchatov Arra, etc.

ROM 01 08:18:15.8±0.2, 42.51N±0.01±13.28E±0.01, h13km±1km, ML1.4/4, 2C-2D, Error ellipse: s-maj=1.1km s-min=1.0km az=273.0, Central Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RM33 Pellescritta, SM1 SAN MARTINO, LN55 Leonessa, T1242 Castel Sant'An, GIGS Gran Sasso, FIAM Fiamignano, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like T1212 Morro Reatino, ARRO Arrone, CESI Cesi, FDMO Fiordimonte, GUMA Gualdo di Mace, etc.

ROM 01 08:18:23.3±0.1, 42.478N±0.003±13.260E±0.004, h14km, ML2.6/7, 1C, Error ellipse: s-maj=0.4km s-min=0.1km az=231.0, Central Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RM33 Pellescritta, T1247 Pizzolo (AQ), ASSB Assisi San Ben, GIUL Giuliano Di Ro, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FIAM Arquata del Tr, T1214 Cascia, FAGN Fagnano, T1217 Poggiodomo (PG), etc.

UUSS 01 08:34:46.5±1.2, 38.03N±0.01±112.47W±0.02, h5km±6km, ML3.0/12, ML3.0/75(NEIC), Error ellipse: s-maj=2.4km s-min=1.6km az=103.0

ANF 01 08:34:46.7±0.3, 38.03N±112.45W, h5km, ML3.2/16, Error ellipse: s-maj=3.8km s-min=3.0km az=158.0

NEIC 01 08:34:46.7±1.2, 38.014N±0.006±112.49W±0.02, h1km, 8km, Error ellipse: s-maj=2.3km s-min=0.9km az=100.0

ISC 01 08:34:47.0±0.8, 38.02N±0.02±112.49W±0.02, h10km, n75, σ1555/88, Utah

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MTPU Mount Pierson, DWU Dry Willow Pea, BHU Blowhard Mountain, etc.

ILAR	comp=Z,2.9nm,0.9s,baz=42,slow=5.1,SNR=24	PcP	PcP	09 18 53.3	+0.1
ILAR	comp=Z,1.9nm,1.1s,baz=38,slow=3.4,SNR=2.6	LR	LR	09 40 35.9	
HVU	comp=Z,470nm,20.1s,baz=60,slow=34	IAMB	IAMB	09 17 58.5	
YUK3	comp=Z,1.9nm,1.3s	P	P	09 17 56.4	-0.8
COLA	comp=Z,2.9nm,0.9s	eP	pmax	09 17 59.1	+1.4
COLA	comp=Z,2.5nm,2.9s	P	P	09 17 56.8	-1.3
R32K	comp=Z,9.9nm,1.2s	IAMB	IAMB	09 18 08.0	
MDM	comp=Z,2.5nm,1.4s	IAMB	IAMB	09 18 08.0	
P17A	comp=Z,7.7nm,0.7s	IAMB	IAMB	09 18 08.0	
HDA	comp=Z,7.7nm,0.9s	P	P	09 17 56.7	-1.6
HDA	comp=Z,1.5nm,1.1s	P	P	09 18 00.3	+0.7
MVCO	comp=Z,1.5nm,1.1s	P	P	09 17 58.9	-0.1
MVCO	comp=Z,1.5nm,1.1s	P	P	09 17 58.9	-0.1
K2AK	comp=Z,4.4nm,0.7s	P	P	09 18 10.9	
SRU	comp=Z,7.8nm,0.7s	IAMB	IAMB	09 17 59.2	-0.3
O29M	comp=Z,4.4nm,0.7s	P	P	09 18 01.4	
I23K	comp=Z,14nm,1.1s	P	P	09 17 58.9	-0.5
I23K	comp=Z,14nm,1.1s	P	P	09 18 00.4	+0.4
833A	comp=Z,1.7nm,1.1s	IAMB	IAMB	09 18 00.8	
M3PA	comp=Z,7.5nm,1.0s	P	P	09 17 59.5	-0.4
M26K	comp=Z,5.6nm,0.6s	P	P	09 17 59.5	-0.4
G21K	comp=Z,6.65nm,19.3s	LR	LR	09 41 39.4	
ANMO	comp=Z,1.2nm,1.4s	P	P	09 18 01.2	+0.2
ANMO	comp=Z,1.2nm,1.5s	pmax	pmax	09 18 01.2	+0.2
ANMO	comp=Z,1.2nm,1.5s	P	P	09 18 01.2	+0.2
WRH	comp=Z,2.2nm,1.4s	IAMB	IAMB	09 18 00.6	+0.2
WRH	comp=Z,2.2nm,1.4s	IAMB	IAMB	09 18 01.2	+0.2
BRVK	comp=Z,4.0nm,0.9s	P	P	09 17 59.5	-1.1
BRVK	comp=Z,4.0nm,0.9s	P	P	09 17 59.5	-1.1
R31K	comp=Z,4.0nm,0.9s	P	P	09 17 59.5	-1.1
BVAR	comp=Z,4.5nm,0.6s,baz=312,slow=6.0,SNR=23	LR	LR	09 42 19.8	
BVAR	comp=Z,4.5nm,0.6s	LR	LR	09 42 19.8	
BMO	comp=Z,4.0nm,1.0s	P	P	09 18 00.9	-0.5
BMO	comp=Z,4.0nm,1.0s	P	P	09 18 00.9	-0.5
TMUT	comp=Z,14nm,1.1s	IAMB	IAMB	09 18 11.2	
BGU	comp=Z,12nm,1.4s	IAMB	IAMB	09 18 03.6	
MFID	comp=Z,1.1nm,1.4s	IAMB	IAMB	09 18 09.9	
NLU	comp=Z,1.1nm,1.4s	IAMB	IAMB	09 18 04.6	
NEA2	comp=Z,1.9nm,1.2s	IAMB	IAMB	09 18 04.0	
NEA2	comp=Z,1.9nm,1.2s	IAMB	IAMB	09 18 01.5	-0.2
PAX	comp=Z,5.7nm,0.7s	P	P	09 18 02.8	+0.1
Q16A	comp=Z,20nm,1.3s	IAMB	IAMB	09 18 12.6	
MLY	comp=Z,1.8nm,1.4s	IAMB	IAMB	09 18 05.3	
MLY	comp=Z,1.8nm,1.4s	P	P	09 18 02.3	-0.6
LTY	comp=Z,1.6nm,1.1s	IAMB	IAMB	09 18 04.4	
H21K	comp=Z,1.6nm,1.1s	P	P	09 18 03.2	-0.1
DUG	comp=Z,2.0nm,0.8s	IAMB	IAMB	09 18 06.5	
DUG	comp=Z,2.0nm,0.8s	P	P	09 18 05.0	+0.7
I21K	comp=Z,10.0nm,0.9s	IAMB	IAMB	09 18 06.2	
I21K	comp=Z,10.0nm,0.9s	P	P	09 18 04.5	+0.2
G08A	comp=Z,1.1nm,1.3s	IAMB	IAMB	09 18 06.6	
MCK	comp=Z,1.1nm,1.3s	P	P	09 18 06.2	+0.2
RDOG	comp=Z,3.7nm,18.0s	P	P	09 18 06.2	-0.3
BBB	comp=Z,3.7nm,18.0s	LR	LR	09 41 41.0	
N25K	comp=Z,3.7nm,18.0s	P	P	09 18 07.7	0.0
TIXI	comp=Z,5.1nm,0.7s	P	P	09 18 07.8	+0.1
TIXI	comp=Z,5.1nm,0.7s	eP	pmax	09 18 09.2	+1.5
TIXI	comp=Z,14nm,1.8s	pmax	pmax		
BPAW	comp=Z,12nm,1.3s	IAMB	IAMB	09 18 09.0	+0.7
BPAW	comp=Z,12nm,1.3s	IAMB	IAMB	09 18 11.1	0.0
BPAW	comp=Z,12nm,1.3s	P	P	09 18 08.1	-0.2
TCRU	comp=Z,3.2nm,0.3s	IAMB	IAMB	09 18 19.8	
MNTX	comp=Z,3.2nm,0.3s	P	P	09 18 11.1	0.0
KLU	comp=Z,4.7nm,18.1s	P	P	09 18 10.3	-1.0
ELK	comp=Z,4.7nm,18.1s	LR	LR	09 42 23.8	
ELK	comp=Z,4.7nm,18.1s	IAMB	IAMB	09 18 13.9	
CHUM	comp=Z,5.7nm,0.9s	P	P	09 18 11.3	-0.8
J08A	comp=Z,1.9nm,1.5s	IAMB	IAMB	09 18 14.7	
M23K	comp=Z,1.9nm,1.5s	P	P	09 18 13.0	-0.7
ROSC	comp=Z,3.2nm,0.3s,slow=10,SNR=5.7	P	P	09 18 15.9	+1.0
ROSC	comp=Z,3.2nm,0.3s	LR	LR	09 39 24.2	
ROSC	comp=Z,3.2nm,0.3s	LR	LR	09 39 24.2	
W18A	comp=Z,1.1nm,1.3s	P	P	09 18 14.5	+0.1
TX31	comp=Z,1.1nm,1.3s	IAMB	IAMB	09 18 24.2	
TXAR	comp=Z,2.1nm,0.7s,baz=58,slow=7.6,SNR=15	P	P	09 18 14.7	0.0
TXAR	comp=Z,2.1nm,0.7s	LR	LR	09 42 38.2	
CAST	comp=Z,2.1nm,0.7s	IAMB	IAMB	09 18 15.7	
CAST	comp=Z,1.5nm,1.3s	P	P	09 18 13.3	-0.8
SPR3	comp=Z,1.5nm,1.3s	IAMB	IAMB	09 18 19.4	
GNSA	comp=Z,1.5nm,1.3s	P	P	09 18 15.4	-0.4
KCKA	comp=Z,2.41nm,18.7s	P	P	09 18 17.0	-0.3
121A	comp=Z,2.1nm,0.7s	P	P	09 18 18.5	+0.6
Q12A	comp=Z,1.7nm,1.2s	IAMB	IAMB	09 18 31.1	
X18A	comp=Z,9.4nm,1.3s	IAMB	IAMB	09 18 19.9	
PMR	comp=Z,9.4nm,1.3s	P	P	09 18 16.7	-1.0
K20K	comp=Z,1.1nm,1.1s	IAMB	IAMB	09 18 20.4	
K20K	comp=Z,1.1nm,1.1s	P	P	09 18 17.8	-0.6
U15A	comp=Z,6.0nm,0.9s	IAMB	IAMB	09 18 21.1	
WU4Z	comp=Z,8.5nm,0.9s	P	P	09 18 20.2	+0.6
PWL	comp=Z,8.5nm,0.9s	P	P	09 18 19.7	-0.2
SKT	comp=Z,8.5nm,0.9s	IAMB	IAMB	09 18 20.8	0.0
SKT	comp=Z,8.5nm,0.9s	IAMB	IAMB	09 18 21.8	
SKT	comp=Z,8.5nm,0.9s	P	P	09 18 20.6	-0.1
RC01	comp=Z,6.0nm,0.3s	P	P	09 18 20.8	-0.9
L20K	comp=Z,6.0nm,0.3s	P	P	09 18 21.9	-0.8
R11A	comp=Z,1.2nm,1.5s	IAMB	IAMB	09 18 32.3	
R11A	comp=Z,1.2nm,1.5s	P	P	09 18 24.4	+0.3
GEYT	comp=Z,1.0nm,0.4s,baz=292,slow=7.6,SNR=1.6	P	P	09 18 24.9	+0.6
K05A	comp=Z,6.0nm,0.3s	P	P	09 18 25.0	+0.1
M20K	comp=Z,6.0nm,0.3s	P	P	09 18 23.3	-1.3
O22K	comp=Z,6.0nm,0.3s	IAMB	IAMB	09 18 24.8	-0.1
MOD	comp=Z,6.0nm,0.3s	IAMB	IAMB	09 18 28.6	
JTS	comp=Z,2.0nm,1.5s	LR	LR	09 40 27.4	
L19K	comp=Z,1.06nm,21.5s	P	P	09 18 26.5	+0.2
N20K	comp=Z,1.06nm,21.5s	P	P	09 18 26.3	-0.1
SPCR	comp=Z,1.06nm,21.5s	P	P	09 18 26.2	-0.2
TNA	comp=Z,8.0nm,1.2s	P	P	09 18 29.1	+0.8
TNA	comp=Z,8.0nm,1.2s	P	P	09 18 29.3	+1.0
319A	comp=Z,1.8nm,1.3s	IAMB	IAMB	09 18 39.4	
SHPR	comp=Z,1.8nm,1.3s	P	P	09 18 30.4	-0.3
TUC	comp=Z,8.4nm,1.3s	IAMB	IAMB	09 18 31.8	+0.1
TUC	comp=Z,8.4nm,1.3s	pmax	pmax	09 18 31.8	+0.1
TUC	comp=Z,8.0nm,1.3s	P	P	09 18 32.3	+0.7
W13A	comp=Z,8.0nm,1.3s	IAMB	IAMB	09 18 40.8	
PAHR	comp=Z,8.0nm,1.3s	IAMB	IAMB	09 18 40.8	
TPNV	comp=Z,1.2nm,1.8s	IAMB	IAMB	09 18 35.3	
TPNV	comp=Z,1.2nm,1.8s	IAMB	IAMB	09 18 42.3	
TPNV	comp=Z,1.4nm,1.4s	P	P	09 18 33.2	+0.1
NV11	comp=Z,1.4nm,1.4s	IAMB	IAMB	09 18 37.0	
NVAR	comp=Z,1.4nm,1.4s	P	P	09 18 34.4	-0.2
NVAR	comp=Z,344nm,18.1s,baz=32,slow=35	LR	LR	09 44 37.4	
NVAR	comp=Z,0.9nm,0.7s	LR	LR	09 44 37.4	
CMIG	comp=Z,3.9nm,21.0s,baz=41,slow=34	LR	LR	09 43 40.2	
WCT	comp=Z,3.9nm,21.0s	IAMB	IAMB	09 18 37.0	
LHV	comp=Z,1.0nm,1.4s	IAMB	IAMB	09 18 45.6	
YBH	comp=Z,7.9nm,1.2s	LR	LR	09 44 11.4	
NEE2	comp=Z,2.7nm,18.2s	P	P	09 18 36.6	+0.4
NEE2	comp=Z,2.7nm,18.2s	P	P	09 18 37.2	+0.8
PDMC	comp=Z,2.7nm,18.2s	P	P	09 18 36.9	+0.6
BILL	comp=Z,3.0nm,1.0s	pmax	pmax	09 18 43.0	
BILL	comp=Z,3.0nm,1.0s	MLR	MLR	09 19 21.1	
GRAC	comp=Z,8.7nm,15.0s	P	P	09 18 37.6	+0.5
RAYN	comp=Z,6.6nm,1.1s	IAMB	IAMB	09 18 37.9	+0.6
RAYN	comp=Z,6.6nm,1.1s	P	P	09 18 37.9	+0.6
LO2F	comp=Z,7.0nm,1.2s	P	P	09 18 37.0	-0.4
LO2F	comp=Z,7.0nm,1.2s	IAMB	IAMB	09 18 51.4	
FURC	comp=Z,12nm,1.1s	P	P	09 18 37.8	+0.4
SHOC	comp=Z,12nm,1.1s	P	P	09 18 37.9	+0.2
KURK	comp=Z,6.2nm,0.4s	P	P	09 18 37.8	+0.1
KURK	comp=Z,6.2nm,0.4s	pmax	pmax	09 18 37.8	+0.1
KURK	comp=Z,4.0nm,0.9s	pmax	pmax	09 18 38.0	+0.1
KURB	comp=Z,2.3nm,0.7s,baz=320,slow=7.0,SNR=24	LR	LR	09 45 03.1	
KURB	comp=Z,5.12nm,21.3s,baz=276,slow=35	P	P	09 18 39.1	+0.5
TUQ	comp=Z,2.3nm,0.7s	P	P	09 18 38.8	-0.7
ZAAO	comp=Z,1.5nm,0.6s,baz=320,slow=8.5,SNR=6.9	P	P	09 18 39.4	0.0
ZALV	comp=Z,1.5nm,0.6s	LR	LR	09 47 06.1	
ZALV	comp=Z,254nm,18.2s,baz=298,slow=37	P	P	09 18 39.2	-0.3
ZALV	comp=Z,1.5nm,0.6s	P	P	09 18 40.9	+1.4
ZALV	comp=Z,2.0nm,0.6s	pmax	pmax	09 18 39.9	0.0
QSM	comp=Z,2.0nm,0.6s	IAMB	IAMB	09 18 50.1	
QSM	comp=Z,2.0nm,0.6s	P	P	09 18 39.1	-0.5
O18K	comp=Z,2.0nm,0.6s	P	P	09 18 39.5	-0.1
O18K	comp=Z,2.0nm,0.6s	P	P	09 18 41.4	+0.9
GMRC	comp=Z,2.0nm,0.6s	IAMB	IAMB	09 18 43.8	
OMMO	comp=Z,1.1nm,1.4s	P	P	09 18 42.0	+0.9
IRM	comp=Z,1.1nm,1.4s	P	P	09 18 42.3	+0.6
214A	comp=Z,1.1nm,1.4s	IAMB	IAMB	09 18 50.4	
113A	comp=Z,1.1nm,1.4s	IAMB	IAMB	09 18 42.0	-0.1
MPMC	comp=Z,1.1nm,1.4s	P	P	09 18 42.6	-0.1
CWC	comp=Z,1.1nm,1.4s	P	P	09 18 42.9	+0.2
GSC	comp=Z,1.1nm,1.4s	P	P	09 18 43.7	+0.8
HEC	comp=Z,1.1nm,1.4s	P	P	09 18 44.0	0.0
GL3	comp=Z,1.1nm,1.4s	P	P	09 18 44.5	-0.4
BLA	comp=Z,1.1nm,1.4s	P	P	09 18 45.7	+0.3
LRMC	comp=Z,1.1nm,1.4s	P	P	09 18 45.9	+0.5
BELO	comp=Z,1.1nm,1.4s	LR	LR	09 45 11.0	
KDAK	comp=Z,2.41nm,18.7s	P	P	09 18 46.3	-0.2
O16K	comp=Z,2.41nm,18.7s	P	P	09 18 48.1	+0.5
ISA	comp=Z,2.41nm,18.7s	P	P	09 18 48.1	+0.5
BBRC	comp=Z,1.9nm,1.4s	P	P	09 18 48.8	+0.8
PMD	comp=Z,1.				

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Villa Florida, Limon Verde, Gaotai, Baotou, Yuzh-Sakhalins, etc.

NEIC 01 09:10:47.2±2.3, 12°19'S, 0°08'77.40W, 0.07, h35km±2km, mb4.1/3, Error ellipse: s-maj=13.6km s-min=12.0km az=160.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Nana, Cruzeiro do Su, Macar, etc.

VIE 01 09:13:05.7, 47.07N, 9.52E, h0km, mb2.2/1, m11.4/4 6 km EN: Oceans Suspected Mining explosion., Germany

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Damuels, Feichten, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MOTA Moosalm, WTTA Wattenberg, etc.

IDC 01 09:14:48.5±1.4, 50.06N, 28.72W, h0km, mb3.3/5, mbtmp3.3/5, Error ellipse: s-maj=50.6km s-min=30.5km az=32.0

ISC 01 09:14:50.0±1.2, 50.00N, 03.287W, 0.2, h10km, n7, ±106/6, mb3.3/5, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Torodi Ar. Bea, Yellowknife Ar, etc.

IDC 01 09:17:25.5±0.7, 51.59N, 38.31E, h0km, mbtmp3.6/1, ML2.5/1, Error ellipse: s-maj=102.4km s-min=58.6km az=55.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DUBNA INFRASON, FINESS Array B, etc.

ISU 01 09:29:42.5, 41.35N, 69.20E, h29km, SOME 01 09:29:42.5, 40.88N, 69.83E, h5km

NNC 01 09:29:44.2±2.4, 40.85N, 69.89E, h0km, mb3.4, mpv3.2, Error ellipse: s-maj=16.8km s-min=9.1km az=42.0

KRNET 01 09:29:46.5±0.1, 41.06N, 69.94E, h13km, mb3.1, ISC 01 09:29:46.5±0.1, 41.02N, 0.03, 69.95E, 0.04, h10km, n28, ±172/42, 19C-2D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Yangibazar, Kumaryk, Tashkent, etc.

IDC 01 09:32:43.5±2.2, 53.92N, 86.55E, h0km, mbtmp3.1/3, ML2.7/3, Error ellipse: s-maj=17.9km s-min=10.7km az=66.0

NNC 01 09:32:44.7±4.4, 53.93N, 86.56E, h0km, mb2.9, mpv2.7, Error ellipse: s-maj=32.8km s-min=18.2km az=40.0, Suspected Mining explosion.

ISC 01 09:32:43.0±3.8, 54.0N, 0.2, 86.6E, 0.2, h0km, n9, ±28/16, 6C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZAAO Zalevovo Array, etc.

IDC 01 09:41:40.0±0.8, 47.34N, 153.85E, h0km, mb3.8/16, mbtmp3.8/20, ML3.2/3, Error ellipse: s-maj=20.6km s-min=15.9km az=127.0

MOS 01 09:41:44.5±1.2, 47.30N, 154.06E, h49km, mb4.5/6, Error ellipse: s-maj=11.3km s-min=7.3km az=75.1

SKHL 01 09:41:44.9±0.3, 47.20N, 154.30E, h61km, mb4.8/11, ISC 01 09:41:44.4±0.7, 47.26N, 0.07, 154.14E, 0.07, h31km, n66, ±187/71, mb3.9/20, 2C-6D, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Severo-Kuril's, Kuril'sk, etc.

1d 10h

MAYB	Maynard	2.12	40	Pn	Pn	10 21 05.1 -2.0
MAYB		2.12	40	Sn	Sn	10 21 28.4 -5.1
WOSB	Woss	2.52	51	Pn	Pn	10 21 07.5 -1.2
WOSB				Sn	Sn	10 21 33.0 -3.4
GDR	Gold River	2.35	64	Pn	Pn	10 21 08.6 -1.5
B012	Jctuellet	2.48	86	Sn	Sn	10 21 38.5 -3.8
OZB	Mount Ozzard	2.51	85	Pn	Pn	10 21 11.0 -1.5
OZB				Sn	Sn	10 21 39.0 -4.2
BTB	Buttle Lake	2.56	73	Pn	Pn	10 21 12.4 -0.8
SPLB	Strathcona Par	2.62	64	Pn	Pn	10 21 12.0 -1.8
NCRB	Newcastle Ridg	2.65	51	Pn	Pn	10 21 43.5 -2.7
NCRB				Sn	Sn	10 21 39.3 -0.7
BFSB	Bamfield	2.75	88	Pn	Pn	10 21 14.1 -1.5
BFSB				Sn	Sn	10 21 45.5 -3.3
B928	Bamfield	2.75	88	Pn	Pn	10 21 14.1 -1.5
B928				Sn	Sn	10 21 45.0 -3.8
CBB	Campbell River	2.84	63	Pn	Pn	10 21 16.1 -0.9
CBB				Sn	Sn	10 21 48.5 -2.8
B927	Port Albemni	2.98	60	Pn	Pn	10 21 17.7 -1.1
MG	Mount Grey	3.04	84	Pn	Pn	10 21 18.7 -1.1
MG				Sn	Sn	10 21 52.8 -3.5
PF	Port Renfrew	3.22	92	Pn	Pn	10 21 21.0 -1.2
PF				Sn	Sn	10 21 56.9 -3.7
CLRS	Cowichan Lake	3.41	88	Pn	Pn	10 21 23.7 -1.1
CLRS				Sn	Sn	10 22 02.2 -3.0
BBB	Bella Bella	3.47	12	Pn	Pn	10 21 24.7 -0.9
BBB				Sn	Sn	10 22 01.7 -5.0
SYMB	Survey Mountai	3.65	92	Pn	Pn	10 21 27.4 -0.7
SYMB				Sn	Sn	10 22 08.5 -2.7
PGC	Sidney	3.87	90	Sn	Sn	10 22 14.1 -2.4
BIB	Bowen Island	3.98	79	Pn	Pn	10 21 32.4 -0.1
WPB	Watts Point	4.08	76	Pn	Pn	10 21 34.2 +0.3
HNEY	Haney	4.81	81	Pn	Pn	10 21 39.3 +0.3
HWB	Hawksbury Isla	4.81	81	Pn	Pn	10 22 36.6 -3.3
LLL	Lillooet	5.14	67	Pn	Pn	10 21 49.0 +0.5
KITB	Kitimat	5.30	4	Pn	Pn	10 21 51.3 +0.6
PNT	Pentiction	6.38	82	Pn	Pn	10 22 06.9 +1.3
FSJ	Fort St James	6.46	27	Pn	Pn	10 22 07.6 +0.9
FSJ				Sn	Sn	10 22 07.8 +1.0
MNB	Mounoet Dainar	7.74	60	Pn	Pn	10 22 25.8 +1.4
NBCS	NorthernBC	9.59	22	Pn	Pn	10 22 51.2 +1.5
FNBB	Fort Nelson	10.76	18	Pn	Pn	10 23 06.6 +1.0

BGR 01 10:39:41.2, 51.21N, 172.69W, h33km, mb5.1, Ms4.1
 BUJ 01 10:39:45.7, 0.0, 52.22N, 173.22W, h55km, mb5.0/67, mb5.167, 4.447
 MOS 01 10:39:46.7, 1.0, 52.22N, 173.39W, h53km, mb5.2/52, MS4.3/7, Error ellipse: s-maj=7.5km s-min=4.9km az=100.8
 NEIC 01 10:39:48.4, 51.97N, 173.36W, h60km, Moment Tensor Solution. Duration: 2s1 Moment tensor: Scale 10¹⁶Nm; M₁: 7.18; M₂: 6.58; M₃: 0.55; M₄: 1.16; M₅: 1.64; M₆: 1.94; Fault plane solution: M₀: 7.41000×10¹⁶ NP1: 64.15000°; 552.55000°, 1.75.73000°; NP2: 266.84000°, 639.70000°, 1.107.84000°. Principal axes: T 7.6309, Plg77.0000°, Azm284.0000°; N -0.4491, Plg11.0000°, Azm73.0000°; P -7.1816, Plg7.0000°, Azm164.0000°
 IDC 01 10:39:50.5, 0.1, 52.22N, 173.43W, h57km, mb4.7/36, mbmp5.0/39, MS4.1/90, Error ellipse: s-maj=9.3km s-min=7.0km az=152.0
 NEIC 01 10:39:48.5, 1.9, 52.17N, 0.09, 173.37W, 0.08, h52km, 4km, mb5.5/697, ML5.6/6, Mwb5.2/40, Mww5.2/13, ML5.2(AEIC), Error ellipse: s-maj=12.6km s-min=6.4km az=166.0
 Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; M₁: 8.95; M₂: 8.45; M₃: 0.50; M₄: 1.34; M₅: 1.25; M₆: 0.99; Fault plane solution: M₀: 9.55000×10¹⁶ NP1: 265.88000°, 340.43000°, 1.97.11000°; NP2: 76.57000°, 349.94000°, 1.63.98000°. Principal axes: T 9.1349, Plg83.0000°, Azm307.0000°; N -0.3742, Plg5.0000°, Azm80.0000°; P -7.607, Plg5.0000°, Azm171.0000°
 NEIC 01 10:39:48.5, 52.12N, 173.36W, h53km
 NEIC 01 10:39:48.4, 52.17N, 173.36W, h60km
 AEIC 01 10:39:49.2, 2.3, 52.12N, 0.06, 173.32W, 0.08, h63km, 4km, Error ellipse: s-maj=9.7km s-min=4.3km az=141.0
 GCMT 01 10:39:50.5, 0.1, 52.12N, 0.01, 173.21W, 0.02, h58km, MW5.2/134, Moment Tensor Solution. s113.c172; s134.c224; Duration: 1s0 Moment tensor: Scale 10¹⁷ Nm; M₁: 0.81±0.02; M₂: 0.69±0.1; M₃: 0.11±0.1; M₄: 0.07±0.01; M₅: 0.32±0.01; M₆: 0.19±0.01; Best double couple: M₀: 852000.1017 NP1: 56.00000°, 851.000000°, 1.77.00000°. NP2: 256.00000°, 341.00000°, 1.05.00000°. Principal axes: T 0.8510, Plg79.0000°, Azm277.0000°; N 0.0010, Plg10.0000°, Azm64.0000°; P -0.8520, Plg5.0000°, Azm155.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
 ISC 01 10:39:48.6, 0.2, 52.16N, 0.04, 173.37W, 0.03, h58km, 1km, h58km; pP-P, n1641, c11211538, mb5.5/470, MS4.2/117, 35C-24D, Andreano Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				h	ISC	s
GSTR	Great Sitkin T	1.66	269	Pn	10 40 17.3	+2.0
ADK	Adak	2.07	264	Pn	10 40 22.6	+1.8
ADK				Sn	10 40 47.7	+2.2
ADK				IAML	10 40 49.9	
ADK	33µm, 0.7s				10 40 50.4	
ADK	45µm, 0.7s					
ADK	Adak	2.07	264	P	10 40 23.0	+2.1
ADK	Adak	2.07	264	P	10 40 22.6	+1.8
ADK				S	10 40 48.7	+3.2
CLES	Cleveland East	2.22	71	Pn	10 41 23.7	+0.7
CLES				IAML	10 41 02.1	
CLES	comp=N, 49µm, 0.9s				10 41 03.5	
KIWB	Kanaga Island	2.36	264	Pn	10 40 26.9	+2.0
NIKH	Nikolski High	2.87	72	Pn	10 40 33.5	+1.6
NIKH	Nikolski High	2.87	72	Sn	10 41 06.0	+0.9
NIKH	Nikolski High	2.87	72	P	10 40 34.0	+2.2
NIKH	Nikolski High	2.87	72	P	10 40 33.7	+1.9
NIKH				S	10 41 07.0	+1.8
UNV	Unalaska Valle	4.47	65	Pn	10 40 56.2	+2.4
UNV	Unalaska Valle	4.47	65	Pn	10 40 56.4	+2.6
UNV	baz=250, SNR=100			S	10 41 48.9	+4.4
AKUT	akutan	4.98	64	Pn	10 41 04.0	+3.3
AKUT				IAML	10 41 20.6	
AKUT	comp=N, 3µm, 0.8s				10 41 03.8	+3.1
SPIA	Saint Paul Isl	5.34	19	P	10 41 08.9	+3.3
SPIA	Saint Paul Isl	5.34	19	P	10 41 09.0	+3.4
SPIA	Saint Paul Isl	5.34	19	P	10 41 08.7	+3.1
SPIA	baz=201, SNR=19			S	10 42 06.4	+0.8
FALS	False Pass	6.52	62	Pn	10 41 24.6	+2.9
FALS	False Pass	6.52	62	Pn	10 41 24.5	+2.8
FALS	False Pass	6.52	62	Pn	10 41 24.3	+2.5
S12K	Black Hills	7.56	58	P	10 41 38.3	+2.3
S12K	baz=246			S	10 43 00.2	+0.1
SHEM	Shemlya Is, Ala	7.68	279	P	10 41 38.0	+0.3
SHEM	comp=N, 191nm, 0.6s, baz=58, slow=5.5, SNR=11			S	10 42 57.4	-5.7
SHEM	comp=N, 75nm, 0.7s, baz=252, slow=23, SNR=0.9					
SMY	Shemlya	7.68	279	Pn	10 41 38.5	+0.9
SMY	Shemlya	7.68	279	Pn	10 41 39.3	+1.7
SMY	Shemlya	7.68	279	Pn	10 41 38.5	+0.9
SDPT	Sand Point	8.28	62	Pn	10 41 46.1	+0.4
SDPT	Sand Point	8.28	62	Pn	10 41 46.7	+0.9
SDPT	Sand Point	8.28	62	Pn	10 41 47.0	+1.2
CHGN	Chignik	9.68	59	Pn	10 42 05.4	+0.4
CHGN	Chignik	9.68	59	P	10 42 06.6	+1.6
R16K	Pilot Point	10.58	53	P	10 42 20.3	+3.2
P16K	Nushagak River	11.07	46	P	10 42 27.6	+3.7

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R17K	Ugashik Creek	11.20	54	P	Pn	10 42 28.1	+2.5
O16K	Kokwok River B	11.34	43	P	Pn	10 42 31.3	+3.7
O16K	King Salmon	11.50	49	P	Pn	10 42 33.9	+4.2
N16K	Nishlik Lake	11.59	38	P	Pn	10 42 35.1	+4.0
O17K	Contact Creek	11.69	52	P	Pn	10 42 35.7	+3.3
P17K	Kvichak River	11.85	47	P	Pn	10 42 38.1	+3.6
O17K	Koliganek Bris	11.86	44	P	Pn	10 42 38.1	+3.5
O18K	Katmai Hardscr	12.26	51	P	Pn	10 42 42.5	+2.2
P18K	Big Mountain,	12.49	47	P	Pn	10 42 45.6	+2.3
P18K	Big Mountain,	12.49	47	P	Pn	10 42 45.3	+2.0
OHAK	Old Harbor	12.65	59	P	Pn	10 42 45.4	-0.1
OHAK	Old Harbor	12.65	59	P	Pn	10 42 46.1	+0.6
OHAK	Old Harbor	12.65	59	P	Pn	10 42 46.4	+1.0
O18K	Koktuh Hills	12.72	46	Pn	Pn	10 42 46.9	+0.5
O18K	Koktuh Hills	12.72	46	Pn	Pn	10 42 47.9	+1.5
O19K	Cape Douglas,	13.03	51	P	Pn	10 42 51.2	+0.6
O19K	Cape Douglas,	13.03	51	P	Pn	10 42 51.9	+1.3
ANM	Nome	13.11	15	P	P	10 42 55.9	-4.1
KDAK	Kodiak Island	13.17	57	P	Pn	10 42 50.3	-2.2
KDAK	comp=N, 16nm, 0.3s, baz=279, slow=4.7, SNR=42			S	10 45 07.6	-1.0	
KDAK	comp=N, 12nm, 0.8s, baz=322, slow=13, SNR=1.2			S	10 48 49.4		
KDAK	comp=N, 2µm, 19.9s, baz=263, slow=4.1			LR	10 48 49.4		
KDAK	Kodiak Island	13.17	57	Pn	Pn	10 42 51.2	-1.3
KDAK	Kodiak Island	13.17	57	Pn	Pn	10 42 51.2	-1.3
SVW2	Sparrevohn	13.22	40	P	Pn	10 42 56.3	+3.1
SVW2	Sparrevohn	13.22	40	P	Pn	10 42 57.7	+3.6
O19K	Port Alsworth	13.27	45	P	Pn	10 42 56.3	+2.4
N19K	Bonanza Creek	13.51	43	P	Pn	10 43 00.7	+3.4
P19K	Oil Pt	13.52	48	P	Pn	10 43 01.5	-3.1
Q20K	Shuyak Island	13.52	53	P	Pn	10 42 57.9	+0.6
TNA	Tin Tin	13.72	10	Pn	P	10 43 03.4	-3.3
TNA	Tin Tin	13.72	10	Pn	Pn	10 43 02.6	+2.7
O20K	Slope Mountain	13.97	47	P	Pn	10 43 05.0	+1.5
RSO	Redoubt South	14.09	46	P	Pn	10 43 04.7	-0.4
L19K	White Mountain	14.14	38	P	P	10 43 08.5	-3.0
M19K	Big River Lodg	14.15	39	P	P	10 43 08.8	-2.8
TTA	Tatalina	14.20	34	Pn	Pn	10 43 06.1	-0.3
TTA	Tatalina	14.20	34	Pn	Pn	10 43 09.6	-2.6
TTA	Tatalina	14.20	34	Pn	Pn	10 43 06.1	-0.3
TTA	Tatalina	14.20	34	Pn	Pn	10 43 09.1	+2.8
HOM	Home	14.26	50	Pn	Pn	10 43 06.9	-0.2
HOM	Home	14.26	50	Pn	Pn	10 43 08.6	+1.5
CNPM	China Pool	14.40	51	P	Pn	10 43 08.9	-0.2
M20K	Styx River	14.63	40	P	Pn	10 43 15.2	-1.9
BRLK	Bradley Lake	14.65	50	P	Pn	10 43 12.2	-0.1
N20K	Mount Spurr	14.67	44	P	Pn	10 43 15.0	-2.4
SPCR	Spurr Chakacha	14.67	44	P	P	10 43 15.7	-1.7
L20K	Farewell, Ak	14.68	38	P	P	10 43 16.1	-1.5
BRSE	Bradley Lake S	14.71	50	P	Pn	10 43 15.5	+2.3
CAPN	Captain Cook N	14.93	46	P	Pn	10 43 18.7	-1.5
K20K	Telida	15.14	35	IAMB	IAMB	10 43 27.1	
K20K	Telida	15.14	35	Pn	Pn	10 43 21.9	-0.7
GCSA	Galena City Sc	15.21	28	P	Pn	10 43 22.6	-0.7
SKT	Skwentz	15.33	42	P	P	10 43 24.2	-0.6
SUA	Susitna One	15.41	44	P	Pn	10 43 23.6	+1.4
SEW	Seward	15.45	50	Pn	Pn	10 43 21.0	-1.6
SEW	Seward	15.45	50	Pn	Pn	10 43 23.0	+0.4
O22K	Cooper Landing	15.46	48	IAMB	IAMB	10 43 28.8	
O22K	Cooper Landing	15.46	48	Pn	Pn	10 43 24.1	+1.4
PPLA	Purkeypile	15.56	38	P	P	10 43 26.8	-0.6
RC01	Rabbit Creek A	15.69	46	P	Pn	10 43 27.9	-0.8
M22K	Willow	15.81	44	Pn	Pn	10 43 28.1	+0.9
M22K	Willow	15.81	44	Pn	Pn	10 43 28.3	+1.1
CAST	Castle Rocks	15.90	37	P	P	10 43 30.8	-0.2
CUT	Chulitna	16.06	41	P	Pn	10 43 31.0	+0.7
CUT	Chulitna						

F26K	comp=Z,94nm,1.5s Sheenjek River baz=237,SNR=163	21.04	31	P	P	10 44 28.5 +1.2
M29M	Somme Creek baz=230	21.20	47	P	P	10 44 28.6 -0.5
H27K	Steamboat Moun baz=244	21.21	36	P	P	10 44 28.6 -0.6
MA2	Magadan comp=Z,5.6nm,0.7s,baz=107,slow=12,SNR=4.0	21.22	305	P	P	10 44 29.7 +0.4
MA2	comp=Z,15nm,0.7s,baz=109,slow=5.2,SNR=6.4			PcP	PcP	10 48 32.0 0.0
MA2	comp=Z,877nm,20.6s,baz=116,slow=35			LR	LR	10 52 06.4
MA2	comp=Z,5.6nm,0.7s	21.22	305	P	P	10 44 30.0 +0.7
MA2	Magadan	21.22	305	P	P	10 44 32.3 +3.0
MA2	Magadan	21.22	305	eP	pmax	10 44 31.1 +1.8
MA2				pmax	pmax	
DAWY	Dawson baz=252,SNR=39	21.23	43	P	P	10 44 29.2 -0.2
D25K	Kavir River baz=230	21.35	26	P	P	10 44 31.4 +0.8
HYT	Haines Junctio baz=262,SNR=13	21.36	52	P	P	10 44 30.5 -0.3
HYT	Haines Junctio	21.36	52	P	P	10 44 30.3 -0.5
G27K	Doyon Strip baz=242	21.43	35	P	P	10 44 30.2 -1.2
L29M	L29M baz=256	21.51	46	P	P	10 44 31.9 -0.4
P30M	Million Dollar baz=264	21.55	54	P	P	10 44 32.0 -0.7
N30M	Aishkik Lake baz=261	21.65	50	P	P	10 44 32.7 -1.1
PLBC	Pleasant Camp baz=267	21.80	56	P	P	10 44 34.5 -0.8
S31K	Pelican baz=271,SNR=8.8	21.84	42	Iamb	Iamb	10 44 36.1 +0.4
J29M	Klondike Camp comp=Z,75nm,0.6s	21.84	42	P	P	10 44 36.7 +0.8
J29M	Klondike Camp baz=252	21.84	42	P	P	10 44 36.7 +0.8
K29M	Barlow Dome baz=255	21.96	44	P	P	10 44 36.5 -0.7
M30M	Minto, Yukon baz=258,SNR=14	21.98	47	P	P	10 44 37.4 0.0
O30N	Mendenhall baz=264,SNR=7.2	22.04	52	P	P	10 44 38.4 +0.3
I29M	Ogilvie Camp, I29M	22.09	40	P	Iamb	10 44 38.0 -0.5
I29M	comp=Z,243nm,1.3s	22.09	40	P	Iamb	10 44 37.6 -0.9
E27K	Coleen River baz=259	22.12	32	P	P	10 44 39.2 +0.4
C26K	Camden Bay baz=231	22.13	26	P	P	10 44 39.8 +1.0
N31M	Braeburn, Yuko baz=262	22.28	51	P	P	10 44 40.9 +0.3
C27K	Jago River baz=233	22.28	27	P	P	10 44 40.7 +0.2
SKAG	Skagway baz=232	22.32	56	P	P	10 44 40.9 -0.2
SKAG	Skagway baz=232	22.32	56	P	P	10 44 40.3 -0.7
SIT	Sitka comp=Z,116nm,0.9s	22.36	62	P	Iamb	10 44 40.7 -0.7
SIT	Sitka	22.36	62	P	P	10 44 43.1 +1.7
SIT	Sitka	22.36	62	P	P	10 44 40.7 -0.7
SIT				pmax	pmax	
SIT	comp=Z,116nm,0.9s	22.36	62	P	P	10 44 41.1 -0.3
BESE	Bessie Mountai baz=274,SNR=6.4	22.55	58	P	P	10 44 44.0 +0.3
MAYO	Mayo, Yukon baz=257,SNR=6.8	22.60	45	P	P	10 44 44.3 +0.3
R32K	Eaglecrest baz=271	22.74	59	P	P	10 44 45.0 -0.4
R32K	Killinoe baz=273	22.74	61	P	P	10 44 45.6 +0.2
JIS	Juneau Island comp=Z,52nm,0.6s	22.81	59	Iamb	Iamb	10 45 02.4
JIS	Juneau Island	22.81	59	P	P	10 44 46.5 +0.4
M31M	Drury Creek, Y	23.03	49	P	P	10 44 47.6 -0.8
M31M	Drury Creek, Y	23.03	49	P	P	10 44 48.2 -0.2
EPYK	Eagle Plains baz=262,SNR=11	23.05	38	P	P	10 44 48.3 -0.4
EPYK	Eagle Plains	23.05	38	P	Iamb	10 44 49.6
EPYK	comp=Z,71nm,0.7s	23.05	38	P	P	10 44 47.8 -0.9
EPYK	Eagle Plains baz=250,SNR=56	23.15	56	P	P	10 44 49.0 -0.7
P32M	Atlin baz=269	23.45	37	P	P	10 44 51.2 -1.2
G30M	tAoh Zraii Nji baz=249	23.51	49	P	P	10 44 53.0 0.0
FARO	Faro, Yukon	23.51	49	P	P	10 44 53.3 +0.2
FARO	Faro, Yukon	23.51	49	P	P	10 44 53.3 +0.2
N32M	Quiet Lake baz=266,SNR=12	23.52	54	P	P	10 44 52.8 -0.5
P33M	Teslin, Yukon baz=268,SNR=11	23.62	54	P	P	10 44 53.5 -0.6
U33K	Whale Pass baz=277	23.66	64	P	P	10 44 54.4 0.0
T33K	Petersburg baz=276,SNR=22	23.67	63	P	P	10 44 55.8 +1.3
CRAG	Craig baz=279	23.75	66	P	P	10 44 56.2 +0.9
Q32M	Nakina River baz=272	23.90	57	P	P	10 44 58.0 +1.2
WRAK	Wrangell Islan comp=Z,132nm,0.8s	24.05	64	Iamb	Iamb	10 45 01.3
WRAK	Wrangell Islan baz=273,SNR=9.8	24.05	64	P	P	10 44 59.4 +1.5
F31M	Tsigithectic baz=251,SNR=118	24.55	60	P	P	10 45 01.4 -0.7
S34M	Telegraph Cree baz=275,SNR=9.7	24.62	66	P	P	10 45 03.8 +1.3
V35K	Ketchikan baz=280,SNR=6.9	24.62	66	P	P	10 45 03.1 0.0
INK	Inuvik comp=Z,113nm,0.7s,baz=240,slow=8.3,SNR=428	24.89	34	P	P	10 45 05.3 -0.1
INK	comp=Z,71nm,0.8s,baz=205,slow=12,SNR=9.6			pP	pP	10 45 20.4 +1.1
INK	comp=Z,29nm,0.7s,baz=307,slow=1.5,SNR=12			PcP	PcP	10 48 40.0 +0.5
INK	comp=Z,19nm,1.0s,baz=247,slow=2.2,SNR=3.8			pP	pP	10 48 55.7
INK	comp=Z,732nm,21.6s,baz=243,slow=39			LR	LR	10 55 49.6
INK	comp=Z,113nm,0.7s	24.89	34	P	P	10 45 05.9 +0.5
INK	Inuvik	24.89	34	P	Iamb	10 45 06.3
INK	comp=Z,106nm,0.7s	24.89	34	P	pmax	10 45 05.9 +0.5
INK	Inuvik	24.89	34	P	pmax	10 45 05.9 +0.5
INK	comp=Z,106nm,0.7s	24.89	34	P	P	10 45 05.0 -0.4
DLBC	Dease Lake baz=250,SNR=131	25.09	58	P	P	10 45 08.9 +1.4
DLBC	comp=Z,41nm,0.5s,baz=269,slow=6.9,SNR=167			P	P	10 45 22.8 +1.3
DLBC	comp=Z,79nm,0.7s,baz=288,slow=11,SNR=18			PcP	PcP	10 48 41.4 +1.1
DLBC	comp=Z,8.6nm,0.6s,baz=116,slow=0.8,SNR=4.5			LR	LR	10 56 02.5
DLBC	comp=Z,414nm,20.3s,baz=282,slow=39			LR	LR	
DLBC	comp=Z,41nm,0.5s	25.09	58	P	P	10 45 09.5 +2.0
DLBC	Dease Lake	25.09	58	P	Iamb	10 45 25.3
DLBC	Dease Lake	25.09	58	P	P	10 45 09.0 +1.5
T35M	Bob Quinn baz=277,SNR=28	25.13	62	P	P	10 45 09.9 +2.2
WTLV	Watson Lake, Y baz=272	25.63	54	P	P	10 45 12.8 +0.5
GRNB	Grenville Isla comp=Z,2117nm,1.0s	25.88	69	Iamb	Iamb	10 45 20.0
LIRD	Liard River Hi baz=275	27.04	56	P	P	10 45 25.2 +0.3
BBB	Bella Bella baz=271	27.41	72	P	P	10 45 29.8 +1.4
BBB	comp=Z,35nm,1.0s,baz=293,slow=10,SNR=3.2			pP	pP	10 45 42.0 -0.6
BBB	comp=Z,74nm,1.0s,baz=271,slow=6.6,SNR=6.6			LR	LR	10 54 00.9
BBB	comp=Z,213nm,21.4s,baz=288,slow=31					

KOTAN	comp=Z,35nm,1.0s Kotanelee Air baz=276,SNR=8.2	28.00	54	P	P	10 45 34.1 +0.6
WRGL	Wright baz=276,SNR=6.5	28.11	47	P	P	10 45 35.0 +0.5
C36M	Paulatuk baz=258,SNR=43	28.47	34	P	P	10 45 37.4 -0.2
YSS	Yuzh-Sakhalins comp=Z,59nm,1.5s	28.59	277	eP	eS	10 45 41.9 +3.0
YSS				e	S	10 45 46.7
YSS				eS	pmax	10 50 25.0 +2.1
YSS	comp=Z,20nm,0.9s			MLR	MLR	
YSS	comp=Z,500nm,15.0s			MLR	MLR	
A36M	Sachs Harbour comp=Z,77nm,0.8s	28.77	29	Iamb	Iamb	10 45 42.1
A36M	Sachs Harbour baz=252,SNR=64	28.77	29	P	P	10 45 40.9 +0.7
ASAJ	Asashikwa comp=Z,346nm,22.0s,baz=74,slow=33	30.07	272	LR	LR	10 56 27.4
JEM	Ermo comp=Z,77nm,0.7s	30.86	268	P	P	10 46 00.0 +1.0
ERM	Ermo	30.86	268	P	Iamb	10 46 01.1 +2.1
ERM	Ermo	30.86	268	P	P	10 46 02.7
ERM	Ermo	30.86	268	P	P	10 46 00.5 +1.5
ERM	Ermo	30.86	268	P	pmax	10 46 01.1 +2.1
ERM	comp=Z,77nm,0.7s	30.86	268	P	pmax	
ERM	Ermo	30.86	268	P	pP	10 45 59.9 +0.9
ERM	Ermo	30.86	268	P	pP	10 46 14.8 +1.3
ERM	Ermo	30.86	268	P	sP	10 46 21.1 +0.8
ERM	Ermo	30.86	268	P	PcP	10 48 56.0 +1.5
CLRS	Cowichan Lake comp=Z,346nm,22.0s	31.02	76	Iamb	Iamb	10 46 03.1
YAK	Yakutsk comp=Z,774nm,18.8s,baz=96,slow=37	31.45	311	LR	LR	10 59 15.4
YAK	Yakutsk	31.45	311	eP	P	10 46 00.3 -3.7
YAK				e		10 48 55.3
YAK	comp=Z,11nm,0.8s			pmax	pmax	
YAK	comp=Z,4.0nm,1.4s			pmax	pmax	
YAK	comp=E,5.0nm,1.1s			MLR	MLR	
YAK	comp=Z,902nm,21.0s			MLR	MLR	
PGC	Sidney comp=Z,570nm,21.0s	31.50	76	P	P	10 46 06.1 +1.5
WAPA	Wapiti River comp=Z,115nm,0.7s	31.53	63	P	P	10 46 06.0 +1.2
WAPA	Wapiti River	31.53	63	P	Iamb	10 46 06.8
LLBL	Lillooet comp=Z,75nm,1.1s	31.62	72	Iamb	Iamb	10 46 22.8
TIXI	Tiksi comp=Z,712nm,20.8s,baz=58,slow=38	31.65	329	LR	LR	10 59 50.0
TIXI	Tiksi	31.65	329	P	P	10 46 06.6 +1.0
TIXI	Tiksi	31.65	329	P	P	10 46 06.7 +1.0
B04A	Port Angeles comp=Z,50nm,0.9s	31.73	77	Iamb	Iamb	10 46 10.5
NLWA	Neilton Lookou comp=Z,49nm,0.9s	31.81	79	Iamb	Iamb	10 46 10.5
HILA	High Level comp=Z,13nm,0.6s,baz=275,slow=9.6,SNR=212	31.81	56	P	P	10 46 07.2 0.0
YKA	Yellowknife Ar comp=Z,12nm,0.8s,baz=282,slow=2.3,SNR=16	31.81	56	P	P	10 46 07.0 -0.5
YKA	Yellowknife Ar	31.81	56	P	P	10 46 07.0 -0.5
YKA	comp=Z,12nm,0.8s,baz=282,slow=2.3,SNR=16			pP	PcP	10 48 58.3 +0.5
YKA	comp=Z,9.8nm,0.9s,baz=279,slow=2.5,SNR=6.9			pP	S	10 49 14.0
YKA	comp=Z,2.1nm,0.7s,baz=289,slow=3.3,SNR=6.6			S	ScP	10 52 36.3 +0.1
YKA	comp=Z,0.7nm,0.7s,baz=253,slow=0.9,SNR=7.7			LR	LR	10 56 23.9 -1.2
YKA	comp=Z,884nm,18.9s,baz=296,slow=39			LR	LR	11 00 55.2
YKA	comp=Z,0.7nm,0.8s,baz=99,slow=5.5,SNR=9.2			P	P	11 17 36.4
E03A	Lebam comp=Z,13nm,0.6s	32.39	80	Iamb	Iamb	10 46 15.4
B06A	Marblemount comp=Z,74nm,1.0s	32.73	75	Iamb	Iamb	10 46 31.2
BRLD	Berland Lookou comp=Z,107nm,0.9s	32.90	64	Iamb	Iamb	10 46 19.0
F04N	Rابر, OR comp=Z,109nm,0.7s	32.95	80	Iamb	Iamb	10 46 20.1
LON	Longmire comp=Z,42nm,0.7s	33.35	78	Iamb	Iamb	10 46 24.1
F04A	Ambor comp=Z,80nm,0.7s	33.38	80	Iamb	Iamb	10 46 23.6
COR	Corvallis comp=Z,49nm,1.4s	33.52	83	P	pP	10 46 23.9 +1.5
COR	Corvallis	33.52	83	P	pP	10 46 38.0 +1.2
COR	Corvallis	33.52	83	P	sP	10 46 44.2 +0.6
HOOD	Mount Hood Mea comp=Z,34nm,0.8s	34.15	81	Iamb	Iamb	10 46 32.1
H04A	Detroit Lake comp=Z,119nm,1.1s	34.16	82	Iamb	Iamb	10 46 44.6
KLR	Kul'dur comp=Z,222nm,18.8s,baz=64,slow=39	34.19	287	LR	LR	11 01 58.4
KLR	Kul'dur	34.19	287	eP	P	10 46 27.1 -1.0
KLR				pmax	pmax	
DBO	Dodson Butte comp=Z,38nm,1.4s	34.34	85	Iamb	Iamb	10 46 46.2
JMM	Marumori comp=Z,84nm,0.9s	34.80	264	P	P	10 46 35.3
JMM	Marumori	34.80	264	P	P	10 46 33.9 +0.5
I05D	Terrebonne, OR comp=Z,58nm,0.9s	34.85	82	Iamb	Iamb	10 46 36.6
F07A	Phinny Hill Vi comp=Z,72nm,0.8s	34.91	79	Iamb	Iamb	10 46 36.9
ZEA	Zeya comp=Z,10.0nm,1.0s	34.91	297	eP	P	10 46 34.0 -0.2
ZEA	Zeya	34.91	297	eP	pmax	
ZEA	comp=Z,10.0nm,1.0s			MLR	MLR	
ZEA	comp=E,300nm,14.0s			MLR	MLR	
ZEA	comp=Z,300nm,17.0s			MLR	MLR	
D08A	Wollman Farm, comp=Z,72nm,0.7s	34.94	76	Iamb	Iamb	10 46 36.5
C09A	Chrisman Ranch comp=Z,84nm,0.7s	34.97	75	Iamb	Iamb	10 46 36.9
J04A	Umpqua Nationa comp=Z,63nm,0.8s					

HHC	comp=Z,380nm,17.1s	LR	LR						
E38A	comp=Z,350nm,16.5s	50.87	62	P	P	10 48 42.7	-0.5		
GUMO	comp=Z,308,SNR=12	50.90	237	P	P	10 48 41.8	-2.0		
GUMO	comp=Z,138nm,0.6s,baz=189,slow=5.1,SNR=11			LR	LR	11 08 06.4			
GUMO	comp=Z,74nm,21.0s,baz=82,slow=33	50.90	237	P	P	10 48 42.2	-1.6		
GUMO	comp=Z,74nm,21.0s,baz=82,slow=33	50.90	237	P	P	10 48 57.2	-1.8		
SPMN	Marine on St.	51.05	64	I	Amb	10 48 45.2			
SPMN	Marine on St.	51.05	64	P	P	10 48 44.2	-0.4		
SPMN	Marine on St.	51.05	64	P	P	10 48 44.1	-0.4		
HNS	HongShan	51.05	283	P	P	10 48 46.0	+1.3		
HNS				pP	pP	10 49 01.0	+1.1		
HNS				pP	pP	10 50 00.4	+0.6		
HNS				eS	eS	10 55 59.3	+1.6		
HNS	comp=Z,24nm,0.7s			LR	LR				
HNS	comp=Z,190nm,17.5s			LR	LR				
HNS	comp=Z,500nm,23.1s			LR	LR				
HNS	comp=Z,420nm,22.3s			LR	LR				
HOPEN	Hopen	51.06	355	eP	P	10 48 45.1	+0.8		
HOPEN				I	Amb	10 48 47.9			
L34A	comp=Z,52nm,1.2s	51.08	69	P	P	10 48 44.3	-0.6		
CBKS	Svensden Farm	51.14	74	P	P	10 48 46.2	+0.7		
CBKS	Cedar Bluff	51.14	74	P	P	10 48 46.2	+0.7		
CBKS	Cedar Bluff	51.14	74	P	P	10 48 45.9	-0.2		
N33B	J Bar K, Exete	51.47	65	P	P	10 48 47.7	-0.1		
I37B	Waseca	51.67	16	iP	P	10 48 49.6	+0.3		
SUMG	Summit	51.67	16	iP	Amb	10 50 02.5	+0.3		
SUMG	comp=Z,30nm,1.1s			I	Amb	10 50 02.5	+0.3		
SUMG	Baotou	51.73	289	eP	P	10 50 02.5	+0.3		
BTO				S	S	10 56 07.3	0.0		
BTO	comp=Z,1um,14.7s			LR	LR				
BTO	comp=Z,900nm,13.3s			LR	LR				
KIDD	KIDD Seismic O	51.76	86	P	P	10 48 51.0	+0.7		
ILULI	Ilulissat	51.80	23	eP	P	10 50 01.9	-0.1		
R32A	Long Quarter	52.01	74	P	P	10 48 51.9	0.0		
NJ2	Nanjing	52.13	275	P	P	10 48 53.2	+0.4		
NJ2				pP	pP	10 49 10.3	+2.2		
NJ2				sP	sP	10 49 18.0	+3.3		
NJ2	comp=Z,21nm,0.8s			pmax	pmax				
NJ2	comp=Z,98nm,4.3s			pmax	pmax				
D41A	Chassel	52.19	60	P	P	10 48 53.3	+0.2		
TIY	Taiyuan	52.20	285	eP	pmax	10 48 56.7	+3.3		
TIY	comp=Z,12nm,0.7s			LR	LR				
TIY	comp=Z,150nm,15.8s			LR	LR				
TIY	comp=Z,180nm,15.8s			LR	LR				
TIY	comp=Z,140nm,16.5s			LR	LR				
N35A	Tabor	52.21	70	P	P	10 48 53.4	+0.1		
G40A	Rib Lake	52.45	62	I	Amb	10 48 55.4			
G40A	comp=Z,52nm,0.8s	52.45	62	P	P	10 48 54.4	-0.6		
COWI	Conover	52.49	61	I	Amb	10 48 55.4			
COWI	comp=Z,56nm,0.9s	52.49	61	P	P	10 48 54.7	-0.7		
COWI	Conover	52.49	61	P	P	10 48 54.7	-0.7		
MNTX	Cornudas Mount	52.50	85	P	P	10 48 56.5	+0.9		
MNTX	Cornudas Mount	52.50	85	P	P	10 48 56.5	+0.9		
DBG	Donaborg	52.52	9	iP	Amb	10 48 54.5	-0.7		
DBG				I	Amb	10 48 56.0			
MSTX	Muleshoe	52.54	81	I	Amb	10 48 58.1			
MSTX	comp=Z,95nm,0.9s	52.54	81	P	P	10 48 56.4	+0.4		
MSTX	Muleshoe	52.54	81	P	P	10 48 56.2	+0.2		
MSTX	comp=Z,313,SNR=37	52.54	81	P	P	10 48 56.2	+0.2		
AMTX	Amarillo	52.58	79	P	P	10 48 56.8	+0.5		
AMTX	Amarillo	52.58	79	P	P	10 48 56.8	+0.5		
K38A	Parkersburg	52.70	66	I	Amb	10 48 57.4			
K38A	Parkersburg	52.70	66	P	P	10 48 56.5	-0.5		
KSU1	Kansas State U	52.80	72	I	Amb	10 48 58.1			
KSU1	Kansas State U	52.80	72	P	P	10 48 57.1	-0.6		
KSU1	Kansas State U	52.80	72	P	P	10 48 57.1	-0.6		
SCIA	State Center	52.93	67	P	P	10 48 58.2	-0.4		
SCIA	State Center	52.93	67	P	P	10 48 58.5	-0.1		
I40A	Norwalk	53.10	64	I	Amb	10 49 00.8			
I40A	Norwalk	53.10	64	P	P	10 48 59.2	-0.6		
U32A	Winter Ranch	53.19	76	P	P	10 49 00.9	+0.2		
F42A	Maple Grove Fa	53.25	61	P	P	10 49 00.9	0.0		
OK032	Salt Plains WL	53.38	75	I	Amb	10 49 02.7			
KAN01	Argonia South	53.41	75	I	Amb	10 49 16.9			
KAN14	Manchester OK	53.42	75	I	Amb	10 49 02.2			
E43A	Lone Tree Farm	53.46	59	P	P	10 49 01.8	-0.6		
SFJD	Kangerlussuaq	53.60	24	LR	LR	11 13 52.0			
SFJD	Kangerlussuaq	53.60	24	eP	P	10 49 03.9	+0.8		
N38A	Joes South For	53.64	68	P	P	10 49 03.4	-0.5		
POST	Post	53.93	81	I	Amb	10 49 07.5			
JFWS	Jewell Farm	53.94	64	I	Amb	10 49 06.3			
JFWS	Jewell Farm	53.94	64	P	P	10 49 04.8	-1.2		
JFWS	Jewell Farm	53.94	64	P	P	10 49 04.8	-1.2		
ODSA	Odessa	53.95	82	I	Amb	10 49 08.0			
L40A	Anamosa	53.95	66	I	Amb	10 49 06.8			
L40A	Anamosa	53.95	66	P	P	10 49 05.0	-1.1		
BLOK	Blackwell	54.00	75	I	Amb	10 49 07.1			
I42A	Draeger Farm	54.04	63	P	P	10 49 06.2	-0.5		
I42A	Draeger Farm	54.04	63	P	P	10 49 07.4	-0.8		
P38A	Dawn	54.24	70	P	P	10 49 07.4	-0.8		
H43A	Windswept, Lux	54.28	62	P	P	10 49 08.0	-0.5		
LYN	LuoYang	54.30	282	iP	P	10 49 10.2	+1.4		
LYN				pP	pP	10 50 12.3	+0.1		
LYN	comp=Z,21nm,1.0s			LR	LR				
LYN	comp=Z,280nm,20.2s			LR	LR				

LYN	comp=Z,190nm,21.8s	LR	LR						
LYN	comp=Z,360nm,24.5s	54.31	74	I	Amb	10 49 09.3			
T35A	Sooner Cattle	54.31	74	P	P	10 49 08.3	-0.5		
T35B	Sooner Cattle	54.31	74	P	P	10 49 09.2	-0.1		
ICESG	Greenland Ices	54.38	19	iP	P	10 49 09.2	-0.1		
ICESG	comp=Z,22nm,0.6s			I	Amb	10 49 09.9			
WMOK	Wichita Mount	54.43	77	I	Amb	10 49 11.1			
WMOK	Wichita Mount	54.43	77	P	P	10 49 10.2	+0.4		
WMOK	Wichita Mount	54.43	77	P	P	10 49 09.7	-0.1		
QUOK	Quay	54.70	75	I	Amb	10 49 12.2			
OK025	Westminster Rd	54.72	76	I	Amb	10 49 12.7			
OK053	SW of W Deep R	54.76	75	I	Amb	10 49 12.7			
L42A	Oliver, Polo	54.86	65	P	P	10 49 13.0			
L42A	Oliver, Polo	54.86	65	P	P	10 49 11.6	-1.1		
E46A	Sault Ste Mari	54.88	58	I	Amb	10 49 13.4			
E46A	Sault Ste Mari	54.88	58	P	P	10 49 12.6	-0.2		
LP1G	La Pal	54.91	95	LR	LR	11 07 17.6			
G45A	Suttons Bay	55.04	60	I	Amb	10 49 14.3			
N41A	Harden Midland	55.05	67	P	P	10 49 13.2	-0.9		
DY2G	Dye2	55.09	23	eP	P	10 49 13.8	-0.5		
DY2G				eP	P	10 50 14.6	-0.4		
X34A	Smith Ranch, M	55.09	77	I	Amb	10 49 16.4			
K43A	Burington	55.14	64	I	Amb	10 49 14.8			
K43A	Burlington	55.14	64	P	P	10 49 13.9	-0.8		
P40A	Partridge	55.16	69	P	P	10 49 14.2	-0.7		
TX31	Lajitas Ar. Si	55.21	86	I	Amb	10 49 16.5			
TX31	Lajitas Ar. Si	55.21	86	P	P	10 49 16.1	+0.6		
TX32	Lajitas Ar. Si	55.21	86	I	Amb	10 49 16.5			
TX32	Lajitas Ar. Si	55.21	86	P	P	10 49 15.9	+0.4		
TXAR	comp=Z,20nm,0.7s,baz=298,slow=5.0,SNR=298			pP	pP	10 49 30.2	-0.7		
TXAR	comp=Z,11nm,0.5s,baz=307,slow=5.5,SNR=10			pP	pP	10 50 16.8	+0.9		
TXAR	comp=Z,10nm,0.8s,baz=246,slow=1.2,SNR=4.7			pP	pP	10 50 32.4			
TXAR	comp=Z,13nm,0.9s,baz=290,slow=3.7,SNR=3.8			ScP	ScP	10 54 09.2	-0.2		
TXAR	comp=Z,1.3nm,0.7s,baz=298,slow=2.7,SNR=3.8			LR	LR	11 10 32.6			
TXAR	comp=Z,148nm,21.3s,baz=316,slow=33			PKP2bc	PKP2bc	11 19 33.3			
TXAR	comp=Z,0.8nm,0.9s,baz=126,slow=6.1,SNR=3.6			LR	LR				
WTF5	Witchita Falls	55.29	78	I	Amb	10 49 17.0			
ABTX	Abilene, Hawle	55.37	80	P	P	10 49 16.9	+0.4		
ABTX	Abilene, Hawle	55.37	80	P	P	10 49 17.0	+0.5		
I45A	Fountain	55.40	61	P	P	10 49 16.1	-0.4		
I45A	comp=Z,312			P	P	10 49 16.1	-0.4		
TUL1	Leonard	55.42	74	I	Amb	10 49 17.5			
TUL1	Leonard	55.42	74	P	P	10 49 16.6	-0.2		
TUL1	Leonard	55.42	74	P	P	10 49 16.6	-0.2		
SLBS	Sierra La Lagu	55.44	95	P	P	10 49 17.0	-0.2		
SLBS	Sierra La Lagu	55.44	95	P	P	10 49 17.7	+0.6		
SLBS	Sierra La Lagu	55.44	95	pP	pP	10 49 32.5	-0.1		
SLBS	Sierra La Lagu	55.44	95	pP	pP	10 50 18.0	+1.2		
S39A	Bolivar	55.66	71	P	P	10 49 16.5	-2.0		
S39A	Bolivar	55.66	71	P	P	10 49 16.5	-2.0		
R40A	Maddies Station	55.87	70	P	P	10 49 18.4	-1.6		
ZAAO	Zalovo Array	55.88	316	P	P	10 49 19.0	-0.9		
ZALV	Zalovo Beam	55.88	316	P	P	10 49 19.1	-0.8		
ZALV	comp=Z,1.3nm,0.5s,baz=40,slow=7.8,SNR=8.7			pP	pP	10 50 17.7	-0.2		
ZALV	comp=Z,2.8nm,0.6s,baz=32,slow=4.9,SNR=5.1			PKIP	PKIP	10 56 46.1	-1.5		
ZALV	comp=Z,0.5nm,0.2s,baz=162,slow=1.4,SNR=8.3			LR	LR	11 13 45.6			
ZALV	comp=Z,27nm,21.8s,baz=48,slow=36			P	P	10 49 19.3	-0.6		
ZALV	Zalovo Beam	55.88	316	P	P	10 49 20.1	+0.2		
ZALV	Zalovo Beam	55.88	316	iP	pmax				
U38A	Gravette	55.89	73	I	Amb	10 49 20.1			
U38A	Gravette	55.89	73	P	P	10 49 19.3	-0.8		
LOOK	Love County	55.91	77	P	P	10			

1d 10h

X40A	Basin Creek Fa	58.15	74	P	P	10 49 35.2	-1.0
X40A	baz=314,SNR=25			P	P	10 49 35.2	-1.0
JETT	Jettan	58.17	354	eP	P	10 49 36.6	+0.7
TRO	Tromso	58.18	355	eP	IAmb	10 49 36.5	+0.6
TRO	comp=Z,68nm,1.2s			IAmb	IAmb	10 49 43.0	
UALR	University of	58.24	73	IAmb	IAmb	10 49 37.8	
UALR	comp=Z,65nm,0.7s						
GTA	Gaotai	58.36	295	eP	P	10 49 37.5	-0.2
GTA				pP	pP	10 49 53.3	+0.1
GTA				sP	sP	10 50 00.9	+1.2
GTA				PcP	PcP	10 50 28.2	+0.1
GTA				sS	sS	10 50 04.7	+4.0
GTA				pmax	pmax		
GTA	comp=Z,7.0nm,0.9s			LR	LR		
GTA	comp=Z,200nm,18.7s			LR	LR		
GTA	comp=Z,360nm,17.1s			LR	LR		
GTA	comp=Z,460nm,19.1s			LR	LR		
LZH	Lanzhou	58.36	289	eP	P	10 49 39.0	+1.2
LZH				sP	sP	10 49 56.8	+3.3
LZH				pP	pP	10 50 02.5	+9.2
LZH				PcP	PcP	10 50 28.8	+0.6
LZH				pmax	pmax		
LZH	comp=Z,31nm,1.5s			LR	LR		
LZH	comp=Z,170nm,14.1s			LR	LR		
LZH	comp=Z,190nm,14.4s			LR	LR		
LZH	comp=Z,200nm,15.1s			LR	LR		
LVZ	Lovozero	58.44	348	P	IAmb	10 49 38.4	+0.7
LVZ	comp=Z,44nm,0.8s			IAmb	IAmb	10 49 39.6	
LVZ	comp=Z,65nm,1.7s			eP	pmax	10 49 38.3	+0.6
LVZ	Lovozero	58.44	348	P	pP	10 49 38.4	+0.7
LVZ	comp=Z,50nm,0.8s			pP	pP	10 49 53.7	+0.6
LVZ	comp=Z,50nm,0.7s			eP	IAmb	10 49 40.5	+0.4
KTK1	Kautokeino	58.52	353	eP	IAmb	10 49 40.5	+0.4
KTK1	comp=Z,13nm,0.7s			IAmb	IAmb	10 49 40.5	+0.4
BLO	Bloomington	58.54	65	IAmb	IAmb	10 49 39.7	
O48B	Farnland	58.55	64	P	P	10 49 37.4	-1.4
O48B	Farnland	58.55	64	P	P	10 49 37.5	-1.3
833A	Chaparral WMA	58.55	83	P	P	10 49 39.5	+0.5
833A	Chaparral WMA	58.55	83	P	P	10 49 39.4	+0.3
N49A	Columbus Grove	58.62	63	IAmb	IAmb	10 49 39.6	
N49A	comp=Z,50nm,0.7s			IAmb	IAmb	10 49 38.7	-0.7
N49A	Columbus Grove	58.62	63	P	P	10 49 38.7	-0.7
N49A	comp=Z,314,SNR=15			P	P	10 49 38.7	-0.7
SADO	Sadowa	58.63	56	LR	LR	11 16 45.8	
SADO	comp=Z,193nm,18.5s			LR	LR	11 16 45.8	
SADO	Sadowa	58.63	56	IAmb	IAmb	10 49 39.7	
HBAR	Harrisburg	58.68	71	P	P	10 49 39.3	-0.5
HBAR	comp=Z,47nm,0.7s			P	P	10 49 39.3	-0.5
T45B	Paduach	58.69	69	P	P	10 49 40.5	-0.4
T45B	comp=Z,314,SNR=5.4			P	P	10 49 40.5	-0.4
IVI	Ivigtut	58.84	28	P	P	10 49 40.1	-0.4
APA	Apatity	58.91	348	eP	IAmb	10 49 38.6	-2.3
APA	comp=Z,5.0nm,0.8s					10 50 28.0	
APA	comp=Z,5.0nm,0.8s			pmax	pmax	10 51 56.4	
APA	comp=Z,500nm,16.0s			MLR	MLR		
M50A	Fremont	58.91	61	IAmb	IAmb	10 49 42.0	
M50A	comp=Z,43nm,0.8s			IAmb	IAmb	10 49 40.8	-0.5
M50A	Fremont	58.91	61	P	P	10 49 40.8	-0.5
M50A	comp=Z,314,SNR=6.6			P	P	10 49 40.8	-0.5
P48A	Milroy	58.95	65	P	P	10 49 40.6	-1.1
P48A	comp=Z,314,SNR=18			P	P	10 49 40.6	-1.1
NATX	Nacogdoches	58.98	77	P	P	10 49 42.4	+0.5
NATX	comp=Z,315,SNR=9.4			P	P	10 49 42.5	+0.6
NATX	Nacogdoches	58.98	77	P	P	10 49 42.5	+0.6
Z41A	Richland Creek	59.03	75	P	P	10 49 42.5	+0.2
Z41A	comp=Z,315,SNR=7.7			P	P	10 49 42.5	+0.2
O49A	Covington	59.05	63	P	P	10 49 41.4	-1.0
O49A	comp=Z,314,SNR=6.9			P	P	10 49 41.4	-1.0
O49A	Enshi	59.09	281	IAmb	IAmb	10 50 31.9	
ENH	Enshi	59.09	281	P	P	10 49 43.6	+0.8
ENH	Enshi	59.09	281	P	P	10 49 43.2	+0.4
ENH	Enshi	59.09	281	pP	pP	10 49 59.7	+1.4
735A	Kenedy	59.14	82	P	P	10 49 44.7	+1.6
CCAR	Cane Creek	59.18	73	P	P	10 49 43.8	+0.5
CCAR	comp=Z,315,SNR=5.4			P	P	10 49 43.9	
P49A	Miami Univ. Ec	59.29	64	P	P	10 49 42.7	-1.3
P49A	comp=Z,50nm,0.8s			P	P	10 49 42.7	-1.3
P49A	Miami Univ. Ec	59.29	64	P	P	10 49 43.0	-1.1
P49A	comp=Z,314,SNR=13			P	P	10 49 43.0	-1.1
WCI	Wyandotte Cave	59.32	66	P	IAmb	10 49 43.5	-0.8
WCI	comp=Z,49nm,0.9s			IAmb	IAmb	10 49 44.6	
WCI	Wyandotte Cave	59.32	66	P	pmax	10 49 43.5	-0.8
WCI	comp=Z,49nm,0.9s			P	P	10 49 43.4	-0.8
WCI	Wyandotte Cave	59.32	66	P	P	10 49 43.7	-0.5
WCI	comp=Z,314,SNR=11			P	P	10 49 43.6	-0.8
WCI	Wyandotte Cave	59.32	66	pP	pP	10 49 58.4	+1.2
HKT	Hockley	59.56	79	P	P	10 49 46.5	+0.6
HKT	Hockley	59.56	79	P	P	10 49 46.5	+0.6
HKT	Hockley	59.56	79	pmax	pmax		
HKT	comp=Z,147nm,1.5s			pmax	pmax		
HKT	Hockley	59.56	79	P	pP	10 49 46.5	+0.6
HKT	Hockley	59.56	79	pP	pP	10 50 01.1	-0.3
DELO	Deloro Mine	59.58	56	IAmb	IAmb	10 49 46.8	
N51A	Ashland	59.61	61	P	P	10 49 45.6	-0.6
N51A	comp=Z,315,SNR=11			P	P	10 49 45.6	-0.6
M52A	Chesterland	59.72	60	P	P	10 49 46.7	-0.3
M52A	comp=Z,315,SNR=5.8			P	P	10 49 46.7	-0.3
M52A	comp=Z,315,SNR=5.8			P	P	10 49 46.7	-0.3
T47A	Sharon Grove	59.73	68	P	P	10 49 46.8	-0.3
T47A	comp=Z,315,SNR=33			P	P	10 49 46.5	-0.7
ACSO	Alum Creek Sta	59.76	62	P	P	10 49 46.7	-0.6
ACSO	comp=Z,315,SNR=8.6			P	P	10 49 46.7	-0.6
W45A	Hickory Valley	59.82	71	P	P	10 49 47.7	0.0
W45A	comp=Z,315,SNR=16			P	P	10 49 47.7	0.0
TRQ	Mont Tremblant	59.91	52	IAmb	IAmb	10 49 47.9	
TRQ	comp=Z,44nm,0.9s			IAmb	IAmb	10 49 47.9	
R49A	Shelbyville	59.91	65	IAmb	IAmb	10 50 03.2	
R49A	comp=Z,39nm,1.3s			IAmb	IAmb	10 49 47.9	-0.5
WVT	Waverly	59.92	69	P	P	10 49 47.9	-0.5
WVT	comp=Z,22nm,0.7s			IAmb	IAmb	10 49 47.8	-0.5
WVT	Waverly	59.92	69	P	pmax	10 49 47.8	-0.5
WVT	comp=Z,22nm,0.7s			pmax	pmax		
WVT	Waverly	59.92	69	P	P	10 49 47.9	-0.5
WVT	comp=Z,315,SNR=15			P	P	10 49 47.9	-0.5
WVT	Waverly	59.92	69	P	P	10 49 47.9	-0.5

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WVT	La Tuque	59.93	51	pP	pP	10 50 03.0	-0.8
LA7Q	comp=Z,49nm,1.2s			IAmb	IAmb	10 49 48.7	
ERPA	Erie	60.04	59	P	P	10 49 49.1	0.0
ERPA	Erie	60.04	59	P	P	10 49 49.0	-0.2
ERPA	comp=Z,315,SNR=9.3			P	P	10 49 49.3	+0.1
STEI	Steigen	60.05	356	eP	IAmb	10 49 48.1	-0.7
STEI	comp=Z,42nm,1.2s			IAmb	IAmb	10 49 48.4	-0.7
OXF	Oxford	60.14	71	P	P	10 49 49.5	-0.4
OXF	comp=Z,315,SNR=33			P	P	10 49 49.7	-0.2
OXF	Oxford	60.14	71	P	P	10 49 49.7	-0.2
M53A	W J Miller and	60.16	60	P	P	10 49 49.6	-0.3
M53A	comp=Z,315,SNR=15			P	P	10 50 36.4	
P51A	Williamsport	60.24	63	IAmb	IAmb	10 50 36.4	
P51A	comp=Z,36nm,0.8s			IAmb	IAmb	10 49 51.1	+0.4
143A	Soes Landing	60.25	74	P	P	10 49 51.1	+0.4
143A	comp=Z,316,SNR=7.4			P	P	10 49 51.0	+0.1
ALLY	Alegheny Cole	60.29	59	P	P	10 49 51.0	+0.1
ALLY	comp=Z,315,SNR=12			P	P	10 49 51.4	+0.1
J55A	Hills	60.37	57	P	P	10 49 51.4	+0.1
J55A	comp=Z,315,SNR=9.0			P	P	10 49 51.6	-0.1
SEM	Semipalatinsk	60.38	315	eP	P	10 49 51.6	-0.1
SEM	comp=Z,315,SNR=9.0			eP	P	10 49 51.5	-0.1
R50A	Paris	60.39	65	IAmb	IAmb	10 49 52.5	
R50A	comp=Z,89nm,1.3s			IAmb	IAmb	10 49 51.2	-0.4
R50A	Paris	60.39	65	P	P	10 49 51.2	-0.4
R50A	comp=Z,315,SNR=18			P	P	10 49 51.2	-0.4
Q51A	Peebles	60.41	64	P	P	10 49 51.5	-0.2
Q51A	comp=Z,315,SNR=26			P	P	10 49 51.5	-0.2
ZSN	Zaisan	60.44	310	eP	P	10 49 51.7	-0.2
ZSN	comp=Z,6.6nm,0.9s,baz=314			eP	P	10 49 51.6	-0.2
ZSN	Zaisan	60.44	310	eP	pmax	10 49 51.6	-0.2
O52A	Adamsville	60.47	62	P	P	10 49 51.4	-0.6
O52A	comp=Z,7.0nm,0.9s			P	P	10 49 51.4	-0.6
N53A	Lisbon	60.52	61	IAmb	IAmb	10 49 53.0	
N53A	comp=Z,28nm,1.0s			IAmb	IAmb	10 49 52.2	-0.2
N53A	Lisbon	60.52	61	P	P	10 49 52.2	-0.2
N53A	comp=Z,315,SNR=9.3			P	P	10 49 52.0	-0.5
Y45A	Yeager Farm, C	60.52	72	P	P	10 49 52.0	-0.5
Y45A	comp=Z,315,SNR=14			P	P	10 49 53.7	
WVNY	West Valley, N	60.57	58	IAmb	IAmb	10 49 53.7	
WVNY	comp=Z,26nm,0						

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like GNI, SDDR, HRRG, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like BRRC, PAMC, SDV, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like FRBT, RDDS, TJOJ, etc.

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

VIE 01 11:23:08.3, 50.26N; 18.73E, h0km, mb2.5/3, ml2.4/3 18 km W of Katowice Suspected Mining Induced.

PRU 01 11:23:09.1, 0.0, 50.22N; 18.68E, h0km, mb3.7/4, MS3.6, Error ellipse: s-maj=76.0km

ISN 01 11:23:07.0, 9.3, 50.26N; 0.04, 18.92E; 0.03, h0km, n23, c=085/33, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ostrava-Krasne, Ojcov, Moravsky Bero, etc.

ISN 01 11:31:45.3, 1.3, 17.57N; 120.82E, h0km, mb3.7/4, mbmp3.7/4, MS3.1/2, Error ellipse: s-maj=68.4km

MAN 01 11:31:51.3, 17.80N; 120.41E, h24km, mb4.7, ML3.6, MS3.6

ISN 01 11:31:51.9, 1.1, 17.80N; 120.45E; 0.05, h28km, g8km, n21, c1545/33, mb3.5/3, 10C-6D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Brgy, Tapao, Sagada Mountai, etc.

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

ISN 01 11:42:46.9, 1.0, 31.62N; 147.42E, h6km, 13km, ML2.7

TEH 01 11:42:48.0, 31.66N; 147.42E, h10km, g2km, ML2.8

ISC 01 11:42:48.9, 1.3, 31.59N; 0.09, 147.36E; 0.05, h10km, n14, c=075/19, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Al-Rafai, Rafi, Rafi, etc.

ISN 01 11:54:32.6, 4.5, 2.76S; 139.77E, h0km, mb3.2/2, mbmp3.5/3, ML3.9/1, Error ellipse: s-maj=169.4km

ISC 01 11:54:41.8, 1.0, 3.42S; 0.09, 139.7E; 0.1, h10km, n10, c=262/11, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Genyem, Fak Fak, Kudu, etc.

SJA 01 12:08:09.9, 1.5, 21.14S; 68.47W, h100km, ML3.7, MW3.8, Hypocentre not reviewed by the ISC

VAO 01 12:08:10.2, 0.4, 21.02S; 68.47W, h87km, mb3.9

GUC 01 12:08:10.9, 0.8, 21.19S; 68.56W, h124km, g6km, ML3.7

ISC 01 12:08:09.7, 0.8, 21.17S; 0.04, 68.53W; 0.08, h124km, 11km, n31, c=099/45, 7C-2D, Chile-Bolivia border region

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

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

JMA 01 12:09:05.5, 0.2, 35.7N; 0.6, 141.1E; 1.1, h35km, 1km, MW3.3/36, NEAR CHOSHI CITY

JMA Feil J, JI at NEAR CHOSHI CITY

ISC 01 12:09:06.7, 2.4, 35.68N; 140.98E, h52km, 22km, mb3.2/6, mbmp3.9, ML3.0/3, MS3.1/6, Error ellipse: s-maj=23.1km

ISC 01 12:09:04.6, 1.2, 35.68N; 141.13E; 0.07, h33km, g6km, n41, c159/30, mb3.5/6, 4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chosi, Chosj, Sammumatsuo, etc.

ISC 01 12:24:41.8, 1.8, 5.76S; 151.35E, h63km, 12km, mb3.5/8, mbmp3.8/9, MS2.9/2, Error ellipse: s-maj=49.8km

s-min=9.0km az=125.0
ISC 01 12:24:39.0.1.2.5.9S.0.2.151.6E.0.2.h41km,n12,
c1548/13,mb3.6/6,New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Karavat, Port Moresby, Alice Springs, Chiang Mai Arr, etc.

UPP 01 12:28:09.9.2.3.63.82N.27.97E,h0km,ML2.0
HEL 01 12:28:09.3.0.2.64.12N.28.26E,h0km,ML2.3,Explosion
IDC 01 12:28:11.1.1.3.63.90N.28.54E,h0km,mbtm3.0/4,
ML2.4/4,Error ellipse: s-maj=18.0km s-min=7.5km
az=100.0
BER 01 12:28:14.9.1.6.64.02N.27.96E,h0km,ML1.9,Suspected
explosion
ISC 01 12:28:09.8.0.8.64.00N.0.03.28.12E.0.03,h0km,n54,
c1591/89,Finland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Romuvaara, Oulu, Merijarvi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Kevo, Kilpisjarvi, Mol Rana, Fauske, Jettan, etc.

MAN 01 12:39:50.5,17.500N.121.38E,h31km,mb3.7,ML2.5,
MS2.0,4C,Luzon
SAMP Sagada Mountai 0.61 227/1 eP Pn 12 40 03.6 +0.5
SAMP SAMP eS S 12 40 12.9 +0.9
CAUP Cauayan 0.70 142/1 eP S 12 40 04.7 +0.4
CAUP CAUP eS S 12 40 15.9 +1.9
Gonzaga 0.98 41/1 eP Pn 12 40 07.9 -0.2
SGCP SGCP eS S 12 40 35.4 +3.9
BALP Baler 1.76 174/1 eP Pn 12 40 19.9 +1.0
BALP BALP eS S 12 40 40.4 +0.1

ISK 01 13:11:14.9.39.54N.26.07E,h2km,ML2.8/19
THE 01 13:11:15.6.39.50N.26.05E,h10km,1km,ML2.6/9,Error
ellipse: s-maj=2.0km s-min=0.9km az=187.0
DDA 01 13:11:15.3.0.0.39.50N.26.09E,h7km,2km,ML2.6
ATH 01 13:11:15.9.39.49N.26.06E,h13km,1km,ML2.7/8,Error
ellipse: s-maj=1.9km s-min=0.8km az=225.0
ISC 01 13:11:15.4.0.8.39.50N.0.01.26.05E.0.02,h11km,g6km,
n56,c055/94,Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Gulpinar-Canak, Paraskevi, Bozcaada, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Edirne/Enez-Ca, Balikesir, etc.

TAP 01 13:36:49.4,24.41N.121.81E,h13km,ML3.0,8C-8D,B,
Taiwan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Wuta, ENA, EHP, etc.

1d 14h

Table of station data for the left column, including station names like HWA, NSK, TIBP, WHF, etc., and their corresponding coordinates and status.

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Table of station data for the middle column, including station names like WTP, TWK, CHN1, SGST, etc., and their corresponding coordinates and status.

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Table of station data for the right column, including station names like GTA, TNCH, YAK, CHTO, etc., and their corresponding coordinates and status.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like S57A, BRNJ, PAL, PZH, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like LUWI, LUWI, LUWI, RAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like H03N2, H03N1, H03N3, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like AML, UCH, EKS2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like OJC, MOCR, KRALIKY, etc.

DJA 01 15:17:38.6±0.5, 8°S, 5°12'6"E, h263km, 10km, MA, 1/6, mb4.4/2, MB4.6/2, MLV4.0/6, MW(MB)3.6/2

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like SOEI, SAUI, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like STRU, NC602, NAO01, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like HOMB, SNART, STRU, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like LVZ, VRR, VRF, etc.

ICD 01 15:40:42.8±1.1, 35°54'N, 27°33'E, h0km, mb3.4/4, mbmp3.4/7, ML3.4/3, Error ellipse: s-maj=36.0km

s-min=16.8km az=175.0
 THE 01 15:30:43.3,35:26N-27:14E,h0km,1km,ML3.3/5,Error
 ellipse: s-maj=2.2km s-min=0.8km az=143.0
 ATH 01 15:30:43.3,35:25N-27:20E,h4km,1km,ML3.3/9,Error
 ellipse: s-maj=2.2km s-min=0.9km az=322.0
 ISK 01 15:30:43.1,35:28N-27:18E,h7km,ML3.3/19
 DDA 01 15:30:45.3,0.0,35:37N-27:16E,h8km,2km,MW3.6
 ISC 01 15:30:43.1,35:25N-0.04:27:17E,0.03,h9km,2km,
 n78,+1934/107,mb3.3/4,Decadence Islands

comp=E.88nm,0.4s
 TAVA comp=E.94nm,0.5s
 ELL Elmalı 2.68 55 Pn P
 GOLH Gohlisar 2.77 44 S S
 GOLH GOLH
 GOLH comp=E.50nm,0.5s
 GOLH comp=E.87nm,0.7s
 APMY Acipayam-Deniz 2.81 37 Pn P
 KNDR Palaiochora Ch 2.85 27 Pn P
 KORR Koruekli 3.11 55 Pn P
 ANKY Antikythira Is 3.21 282 Pn P
 CHOS Chios Island 3.25 344 S S
 KTHA Kythira Island 3.48 288 Pn P
 KTHR Kythira Island 3.58 288 P P
 VLI Velia 3.73 294 P P
 AKMS Akamas 4.24 92 P P
 ITM Ithomi 4.65 296 Pn P
 ASGA Asgata 5.01 94 P P
 MMAI Mount Meron Ar 7.19 106 Pn P
 comp=E.1.7nm,0.3s,baz=299,slow=16,SNR=4.7
 MMAI comp=E.2.4nm,0.3s,baz=306,slow=27,SNR=4.0
 comp=E.0.7nm,0.2s

comp=N.191nm,0.8s
 IMRD Marand 1.70 94 Pg P
 SHAB Shabestar 1.72 108 Pg P
 KAPZ Kaputan 1.73 31 Pn P
 KOPR Koprukoy-ERZUR 1.74 312 Pn P
 HORM Horasan 1.75 314 P P
 HOMI HOMS
 comp=E.78nm,0.9s
 BOZK Kars-Merkez-Bo 1.80 346 P P
 KARS Kars 1.82 349 Pn P
 EAK Aykaya 1.85 2 P P
 SENK Senkaya-Erzuru 1.95 332 Pn P
 SVAN Silvan-Diyarba 1.96 250 Pn P
 BNGB Bingol 2.25 275 Pn P
 HAZR Hazarshahr 2.25 191 Pn P
 AZER Azers 2.79 100 Pn P

ISK 01 16:07:18.6,39:50N-26:07E,h11km,ML3.0/18
 THE 01 16:07:19.3,39:50N-26:06E,h12km,1km,ML2.9/9,Error
 ellipse: s-maj=1.3km s-min=0.6km az=98.0
 DDA 01 16:07:19.4,0.0,39:52N-26:11E,h10km,MW3.2
 ISC 01 16:07:19.0,0.8,39:50N-0.02:26:06E,0.02,h12km,5km,
 n51,+0946/90,Turkey

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res	ISC
					h m s	h m s	
KARP	Karpathos	0.29 359	P	Pg	15 30 49.0	-0.2	Pg
KARP	KARP		S	Sg	15 30 53.7	+0.6	
KARP	8µm,0.2s						
KARP	Karpathos	0.29 359	Pg	Pg	15 30 48.8	-0.4	Pg
KARP	KARP		Sg	Sg	15 30 53.5	+0.4	
KARP	Karpathos	0.29 359	P	Pg	15 30 49.0	-0.2	Pg
KARP	KARP		S	Sg	15 30 53.4	+0.2	
KARP	KARP		AML	AML	15 30 55.2		
KARP	comp=N.14210µm,0.3s				15 30 55.4		
ZKR	Zakros	0.79 260	P	Pg	15 30 58.0	-0.4	Pg
ZKR	ZKR		S	Sb	15 31 11.3	+1.3	
ZKR	comp=E.3µm,0.4s						
ZKR	Zakros	0.79 260	Pg	Pg	15 30 58.2	-0.2	Pg
ZKR	ZKR		Sg	Sb	15 31 11.0	+1.0	
ZKR	Zakros	0.79 260	P	Pg	15 30 58.0	-0.4	Pg
ZKR	ZKR		S	Sg	15 31 10.0	+1.2	
ZKR	ZKR		AML	AML	15 31 12.0		
ZKR	comp=E.8742µm,0.4s				15 31 12.4		
STIA	comp=N.4322µm,0.3s				15 31 12.4		
STIA	Sitia Lasithi	0.88 267	P	Pg	15 30 59.9	-0.3	Pg
STIA	STIA		S	Sb	15 31 13.7	+1.1	
STIA	Sitia Lasithi	0.88 267	P	Pg	15 30 59.9	-0.4	Pg
STIA	STIA		S	Sb	15 31 13.3	+0.7	
STIA	STIA		AML	AML	15 31 18.7		
STIA	comp=N.5802µm,0.7s				15 31 19.3		
FRMA	lerapetra Chan	1.20 259	P	Pg	15 31 03.5	-2.7	Pg
FRMA	FRMA		S	Sg	15 31 19.9	-1.9	
FRMA	comp=E.560nm,0.5s				15 31 03.5	-2.7	
FRMA	lerapetra Chan	1.20 259	P	Pg	15 31 03.8	-1.2	Pg
FRMA	FRMA		S	Sg	15 31 20.8	-1.2	
FRMA	FRMA		AML	AML	15 31 30.9		
FRMA	comp=E.3023µm,0.4s				15 31 31.9		
FRMA	comp=N.3750µm,0.4s				15 31 31.9		
ARG	Arkhangelos	1.24 39	P	Pg	15 31 06.1	-0.9	Pg
ARG	ARG		S	Sb	15 31 24.1	+0.4	
ARG	comp=N.1µm,0.5s				15 31 06.7	-0.2	
ARG	Arkhangelos	1.24 39	Pn	Pb	15 31 06.2	-0.9	Pb
ARG	ARG		P	Pg	15 31 23.2	+0.2	Pg
ARG	ARG		S	Sb	15 31 23.2	+0.2	
ARG	comp=N.2467µm,0.3s				15 31 28.7		
ARG	comp=N.2806µm,0.3s				15 31 29.2		
NISR	Nisiros	1.36 359	P	Pn	15 31 08.1	-0.3	Pn
NISR	NISR		S	Sb	15 31 28.0	+1.5	
NISR	comp=N.882nm,0.5s				15 31 08.0	-0.3	
NISR	Nisiros	1.36 359	P	Pn	15 31 08.0	-0.3	Pn
NISR	NISR		S	Sg	15 31 28.1	-1.6	
NISR	NISR		AML	AML	15 31 33.1		
NISR	comp=N.1221µm,0.6s				15 31 34.6		
KOSK	Kos Island	1.50 354	Pn	Pn	15 31 10.9	+0.5	Pn
KOSK	Kos Island	1.50 354	P	Pn	15 31 09.1	-1.3	Pn
KOSK	Kos Island	1.50 354	S	Sb	15 31 30.3	+0.1	
DAT	Datca	1.51 13	P	Pg	15 31 10.1	-0.5	Pg
DAT	DAT		S	Sg	15 31 31.2	-0.7	
DAT	Datca	1.51 13	Pn	Pn	15 31 10.2	-0.4	Pn
HRKL	Herakleio	1.69 273	Pn	Pn	15 31 14.1	+1.1	Pn
HRKL	Herakleio	1.69 273	P	Pn	15 31 13.9	+1.0	Pn
KSTL	Kastelli Herak	1.71 272	P	Pn	15 31 10.6	-2.7	Pn
KSTL	Kastelli Herak	1.71 272	S	Sb	15 31 30.1	-5.2	
KSTL	Kastelli Herak	1.71 272	P	Pn	15 31 11.1	-2.2	Pn
KSTL	KSTL		AML	AML	15 31 38.6		
KSTL	comp=N.1468µm,0.5s				15 31 45.1		
KSTL	comp=E.821µm,0.8s				15 31 14.1	+0.2	
TURN	Turunc	1.75 30	Pn	Pn	15 31 13.0		Pn
TURN	TURN	1.75 30	S	Sb	15 31 14.0	+0.1	
TURN	TURN		S	Sb	15 31 35.6	-0.7	
TURN	TURN		AML	AML	15 31 42.0		
TURN	comp=E.218nm,0.4s				15 31 45.0		
TURN	comp=N.199nm,0.4s				15 31 45.0		
THR8	Santorini-Mono	1.79 311	P	Pn	15 31 14.2	-0.1	Pn
THR8	THR8	1.79 311	P	Pn	15 31 13.9	-0.4	Pn
THR8	THR8	1.81 308	P	Pn	15 31 13.4	-1.2	Pn
THR8	Thira Island	1.81 308	P	Pn	15 31 14.2	-0.7	Pn
BDRM	Kayabasi	1.82 7	P	Pn	15 31 14.1	-0.7	Pn
BDRM	BDRM		S	Sb	15 31 37.2	-0.9	
BDRM	BDRM		AML	AML	15 31 43.0		
THR3	comp=N.80nm,0.9s				15 31 14.7	-0.3	
THR3	Thira Island	1.84 309	P	Pn	15 31 14.9	-0.1	Pn
THR3	Thira Island	1.84 309	P	Pn	15 31 17.1	+1.7	Pn
IDI	Anoyia	1.86 272	Pn	Pn	15 31 17.1	+1.7	Pn
IDI	comp=E.11nm,0.3s,baz=77,slow=17,SNR=46				15 31 44.8	+1.7	
IDI	comp=N.19nm,0.3s,baz=322,slow=19,SNR=4.6				15 31 16.3	+0.9	
IDI	comp=N.43nm,0.3s				15 31 16.6	+1.2	
IDI	Anoyia	1.86 272	P	Pn	15 31 16.1	+0.7	Pn
IDI	Anoyia	1.86 272	S	Sb	15 31 38.9	+0.5	
IDI	Anoyia	1.86 272	S	Sb	15 31 47.1	+0.5	
IDI	comp=N.495µm,0.4s				15 31 55.1		
IDI	comp=N.58µm,0.6s				15 31 17.7	+0.8	
DALY	Dalyan (Mud)	1.97 37	Pn	Pn	15 31 17.7	+0.8	Pn
IZZE	Mula-Seydiye	2.05 54	SPECC	P	15 31 18.0		P
IZZE	IZZE		P	Pn	15 31 18.6	+0.6	Pn
FETY	Fethiye	2.08 48	Pn	Pn	15 31 19.1	+0.7	Pn
YER	Yerkesik	2.08 25	Pn	Pn	15 31 19.3	+0.8	Pn
YER	Yerkesik	2.08 25	Pn	Pn	15 31 19.4	+0.6	Pn
YER	Yerkesik	2.08 25	P	Pn	15 31 19.1	+0.6	Pn
YER	YER		S	Sb	15 31 44.3	-0.3	
YER	YER		AML	AML	15 31 52.0		
YER	comp=N.24nm,0.5s				15 31 58.0		
YER	comp=N.20nm,0.5s				15 31 58.0		
MLSB	Milas	2.10 13	Pn	Pn	15 31 19.2	+0.6	Pn
KSL	Kastellorizon	2.16 65	P	Pn	15 31 20.1	+0.6	Pn
KSL	KSL		S	Sb	15 31 46.9	+0.5	
MULA	Mugla, Merkez-	2.21 25	P	Pn	15 31 20.1	+0.6	Pn
MULA	MULA		S	Sb	15 31 21.7	+1.5	
MULA	MULA		S	Sb	15 31 47.3	-0.3	
MULA	MULA		AML	AML	15 31 55.0		
MULA	comp=N.76nm,0.6s				15 32 02.0		
MULA	comp=N.126nm,0.5s				15 31 20.9	+0.6	
AKAS	Kas	2.21 63	Pn	Pn	15 31 21.3	+1.0	Pn
AKAS	AKAS	2.21 63	SPECC	P	15 31 24.1	+1.0	P
CAME	Cameli-Denizli	2.42 45	Pn	Pn	15 31 24.1	+1.0	Pn
CGAM	G7zetcaml?	2.44 1	Pn	Pn	15 31 24.6	+1.3	Pn
SMG	Samos	2.47 354	Pn	Pn	15 31 22.7	-0.9	Pn
CAEL	Denizli, Camel	2.55 42	SPECC	P	15 31 25.0		P
CAEL	CAEL		S	Sb	15 31 25.5	+0.5	
CAEL	CAEL		P	Pg	15 32 07.1	+1.8	Pg
CAEL	CAEL		AML	AML	15 32 17.0		
CAEL	comp=N.214nm,0.7s				15 32 26.0		
CAEL	comp=N.186nm,0.9s				15 31 26.9	+2.0	
GVDS	Gavdos	2.56 262	Pn	Pn	15 31 26.5	+1.6	Pn
GVDS	Gavdos	2.56 262	Pn	Pn	15 31 26.5	+1.6	Pn
IMMV	Iera Moni Meta	2.61 275	Pn	Pn	15 31 27.1	+1.5	Pn
IMMV	Iera Moni Meta	2.61 275	Pn	Pn	15 31 27.2	+1.5	Pn
IMMV	IMMV		AML	AML	15 32 15.2		
IMMV	comp=N.521µm,0.5s				15 32 23.1		
TAVA	DENIZLI_Tavas	2.62 32	SPECC	P	15 31 27.0		P
TAVA	TAVA		S	Sb	15 31 27.3	+1.4	
TAVA	TAVA		P	Pb	15 32 00.8	-2.0	Pb
TAVA	TAVA		AML	AML	15 32 08.0		

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res	ISC
					h m s	h m s	
EIL	Eilat	8.62 128	Pn	Pn	15 32 50.0	+1.8	Pn
EIL	Eilat	8.62 128	Pn	Pn	15 32 50.0	+1.8	Pn
EIL	comp=E.0.2nm,0.3s,baz=343,slow=7.6,SNR=2.2				15 34 21.8	-3.7	
EIL	comp=E.0.3nm,0.4s,baz=172,slow=22,SNR=2.2				15 34 21.8	-3.7	
EIL	comp=E.1.7nm,0.5s				15 34 27.8	+0.9	
ASF	Jabal al Asfar	8.67 108	Sn	Sn	15 34 27.8	+0.9	Sn
ESDC	Sonsesa Array	25.03 289	S	S	15 36 08.4	+0.7	S
ESDC	comp=E.0.3nm,0.5s,baz=84,slow=8.6,SNR=2.1						

NOU 01 16:18:28.2,0.3,43.3x17.3E, h8km, MLv4.3/12, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, etc.

WEL 01 16:20:28.2,0.3,43.3x17.3E, h8km, MLv3.6/23, ML3.8/17, MLv3.6/23, Error ellipse: s-maj=0.0km s-min=0.0km az=117.1, confirmed, South Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like GVZ Greta Valley S, AMZC Amberley, etc.

IDC 01 16:20:59.9,1.5,11.67N,92.28E, h0km, mb3.8/8, mbmp3.7/9, ML3.0/1, Error ellipse: s-maj=45.8km s-min=19.6km az=64.0

NDI 01 16:21:03.5,0.5,11.90N,92.14E, h10km, ML3.9, mb4.1(NEIC)

NEIC 01 16:21:04.7,1.0,11.77N,0.1:92.24E, h30km, mb3.8km, mb4.1/12, Error ellipse: s-maj=16.9km s-min=11.5km az=187.0

ISC 01 16:21:04.0,0.8,11.67N,0.09:92.22E, h29km, n36, c0579/34, mb4.0/15, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like PBA Port Blair, DGPR DIGLIPUR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

KNET 01 16:25:19.1,0.3,42.94N,74.49E, h21km,3km, ml1.1, Error ellipse: s-maj=2.1km s-min=1.7km az=148.0

SOME 01 16:25:19.9,42.97N,74.45E, h15km

NINC 01 16:25:19.1,0.3,42.94N,74.46E, h0km, mb2.6, mpv2.5, Error ellipse: s-maj=3.8km s-min=2.2km az=155.0

ISC 01 16:25:19.2,1.0,42.94N,0.03:74.46E, h0.02, h14km, gkm, n30, c0545/55, 15C-7Z, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like CHMS Chumysh, CHMS 25nm,0.1s, AAK Ala-Archa, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like AAK 4.0nm,0.2s,SNR=12, USP Oshpenovka, etc.

NOU 01 16:47:46.5, 10.71S:161.98E, h0km, mb4.9/19, Solomon Islands

BUI 01 16:47:47.4,0.0,11.01S:161.65E, h32km, mb4.7/13, mb5.1/7, Ms4.4/1, Ms7.4/2

NEIC 01 16:47:48.8,1.4, 10.80S:0.08:161.95E, 10, h40km, 7km, mb4.9/59, Error ellipse: s-maj=14.7km s-min=10.8km az=0.0

GCMT 01 16:47:50.8,0.4, 10.84S:0.02:161.76E, 0.02, h35km, 1km, MW4.9/65, Moment Tensor Solution, s20,c22: s65,c81; Duration: 0 Moment tensor: Scale 1016Nm; Mr1,98t,24; Mw-1.31t,14; Best double couple: Ms2.99500t016 Np21.9s168.00000, s61.00000, A.127.00000. NP2: c290.00000, s45.00000, A.42.00000. Principal axes: T 2.8050, Plg57.0000, Azm129.0000; N 0.3840, Plg32.0000; Azm328.0000; P -3.1860, Plg9.0000, Azm233.0000; ns1a1 refers to body waves, cutoff=40s. ns1a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 01 16:47:51.4,2.5,10.83S:161.83E, h65km,20km, mb3.7/13, mbmp4.1/16, MS3.9/37 Error ellipse: s-maj=2.16km s-min=1.36km az=80.0

ISC 01 16:47:48.6,0.4, 10.80S:0.05:161.93E, 0.06, h36km, n179, c1562/145, mb4.8/57, MS4.0/39,3D, Bougainville-Solomon Islands region

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

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like MARNC Mare, Loyalty, YATNC Mamie plateau, etc.

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

IDC 01 17:10:52.0, 1.2, 39.72N, 30.19W, h0km, mb3.9/18, mbtmp3.9/18, MS3.6/25, Error ellipse: s-maj=35.7km

NEIC 01 17:10:51.1, 1.3, 38.9N, 0.1, 29.81W, 0.08, h13km, 4km, mb4.5/28, Error ellipse: s-maj=17.3km s-min=9.2km

SVSA 01 17:10:53.0, 1.1, 39.36N, 29.90W, h10km, ML3.7(INMG), Error ellipse: s-maj=5.9km s-min=2.1km az=29.0

ISC 01 17:10:49.7, 1.5, 39.12N, 0.09, 29.87W, 0.04, h3km, 10km, n99, c1563/94, mb4.4/28, MS3.5/25, Azores Islands

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

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

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

IDC 01 18:04:07.1,3.2,0.52S,132.17E,h0km,mb3.4/3,
 mbmp3.4/4,ML3.4/1,MS3.2/1, Error ellipse:
 s-maj=139.5km s-min=24.3km az=66.0
 DJA 01 18:04:15.3,0.4,1.3s,13.1E,1,h10km,M3.6/M3.6/6
 ISC 01 18:04:11.0,1.0,0.85S,0.113147E,0.06,h10m,n1.0,
 r=146/11,mb3.4/3,Irian Jaya region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
FAKI	Fak Fak	2.27 160	Op	18 09 49.0	+0.3
RKPI	Ransiki, Papua	2.81 105	P	18 05 04.2	-0.7
MSAI	Masohi	3.61 225	P	18 05 42.3	+1.0
LBMI	Labuha	3.97 272	P	18 05 11.9	-0.2
AAI	Ambon	4.37 228	P	18 05 18.3	+0.7
WRA	Warramunga Arr	19.26 172	P	18 08 06.6	+1.8
ASAR	Alice Springs	22.88 174	P	18 09 14.6	-0.5
JOW	Kunigami	27.61 354	LR	18 19 33.8	
CMAR	Chiang Mai Arr	37.25 303	P	18 11 25.2	+2.0
MKAR	Makanchi Array	63.93 325	P	18 14 43.1	-1.3

ISK 01 18:09:24.8,39°51N,26°06E,h10km,ML2.8/19
 DDA 01 18:09:25.0,0.0,39°53N,26°12E,h9km,ML2.7
 ATH 01 18:09:25.6,39°51N,26°07E,h7km,2km,ML2.6/9,Error
 ellipse: s-maj=2.5km s-min=0.7km az=224.0
 THE 01 18:09:25.4,39°50N,26°06E,h12km,1km,ML2.5/7,Error
 ellipse: s-maj=1.4km s-min=0.6km az=117.0
 ISC 01 18:09:25.0,8,39°51N,0.01,26°09E,0.02,h12km,5km,
 n59,c049/92,Turkey

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
KOCA	Canakkale, Ayv	0.04 102	Op	18 09 27.5	0.0
GNPR	Gulpinar-Canak	0.07 147	P	18 09 27.6	-0.1
PRK	Paraskevi	0.30 151	P	18 09 31.6	+0.3
PRK	Paraskevi	0.30 151	P	18 09 31.6	+0.3
PRK	Paraskevi	0.30 151	P	18 09 31.6	+0.3
PRK	Paraskevi	0.30 151	P	18 09 31.6	+0.3
BOZC	Bozcaada	0.33 356	Pg	18 09 32.0	+0.1
BOZC	Bozcaada	0.33 356	Pg	18 09 32.0	+0.1
BOZC	Bozcaada	0.33 356	Pg	18 09 32.0	+0.1
BOZC	Bozcaada	0.33 356	Pg	18 09 32.0	+0.1
BOZC	Bozcaada	0.33 356	Pg	18 09 32.0	+0.1
SIGR	SIGRI	0.35 211	P	18 09 32.2	0.0
SIGR	SIGRI	0.35 211	Pg	18 09 32.2	0.0
SIGR	SIGRI	0.35 211	Pg	18 09 32.2	0.0
SIGR	SIGRI	0.35 211	Pg	18 09 32.2	0.0
EZN	Ezine	0.36 30	P	18 09 32.7	+0.2
EZN	Ezine	0.36 30	P	18 09 32.7	+0.2
EZN	Ezine	0.36 30	P	18 09 32.7	+0.2
BAYC	CANAKKALE_Bayr	0.42 57	P	18 09 33.5	-0.1
AYVA	Ayvalik	0.51 113	P	18 09 35.2	0.0
ECEA	Canakkale, Ece	0.54 7	P	18 09 36.1	+0.4
COMU	Canakkale	0.66 27	P	18 09 38.1	+0.1
GOKA	anakkale-Gk	0.69 349	P	18 09 38.7	0.0
GOKA	GOKA		i AML	18 09 46.8	-1.0
GOKA	GOKA		i AML	18 09 53.0	
GADA	Gvikeada	0.69 348	Pg	18 09 38.7	0.0
BUHA	Balikisr, Bur	0.77 90	S	18 09 40.0	-1.1
BUHA	BUHA		i AML	18 09 55.0	
DKL	Dikili	0.77 124	Pg	18 09 40.7	+0.6
LIA	Limnos Island	0.80 299	S	18 09 40.8	+0.2
LIA	Limnos Island	0.80 299	P	18 09 40.8	+0.2
LIA	Limnos Island	0.80 299	P	18 09 40.8	+0.2
LIA	Limnos Island	0.80 299	P	18 09 40.8	+0.2
KARB	zmir-Karabur	0.88 163	P	18 09 42.5	+0.2
KARB	KARB		i AML	18 09 55.0	
KARB	KARB		i AML	18 09 56.0	
CANM	Can-anakkale	0.90 56	Pg	18 09 42.9	+0.4
GLI	Tayfur-Gelibolu	0.94 18	Pg	18 09 43.2	0.0
ZEDA	Zmir-Bergama	0.94 125	S	18 09 43.1	-0.2
ZEDA	ZEDA		i AML	18 09 58.0	
LPK	Lapseki	1.00 31	Pg	18 09 44.5	-0.1
PSRA	Psara	1.05 203	P	18 09 45.5	+0.1
PSRA	PSRA		Sb	18 09 59.8	+0.9
PSRA	PSRA		AML	18 10 03.0	
PSRA	PSRA		AML	18 10 04.8	
SMTH	Samothraki Isl	1.05 336	P	18 09 45.2	-0.3
SMTH	SMTH		Sb	18 09 59.6	+0.6
SMTH	SMTH		S	18 09 59.5	+0.5
SMTH	SMTH		AML	18 10 00.0	
SMTH	SMTH		AML	18 10 02.6	
CHOS	Chios island	1.12 181	P	18 09 45.9	-0.6
CHOS	Chios island	1.12 181	S	18 10 00.9	-0.5
CHOS	Chios island	1.12 181	Pn	18 09 46.5	0.0
CHOS	Chios island	1.12 181	P	18 09 46.7	+0.2
CHOS	Chios island	1.12 181	S	18 10 01.6	+0.1
CHOS	Chios island	1.12 181	AML	18 10 04.9	
CHOS	Chios island	1.12 181	AML	18 10 06.1	
CAVK	Edirne/Enez-Ca	1.18 3	P	18 09 47.3	-0.1
CAVK	CAVK		Sb	18 10 02.0	-0.8
CAVK	CAVK		i AML	18 10 05.0	
CAVK	CAVK		Pn	18 09 47.4	-0.4
BALY	Balya	1.21 79	S	18 09 47.9	0.0
BALY	BALY		Sb	18 10 02.7	-1.1
BALY	BALY		i AML	18 10 05.0	
URLA	Izmir	1.22 161	Pn	18 09 47.5	-0.5
URLA	URLA		Sb	18 09 47.1	-0.9
URLA	URLA		S	18 10 02.7	-1.1
URLA	URLA		i AML	18 10 06.0	
URLA	URLA		i AML	18 10 07.0	
ENEZ	Enez	1.23 2	Pn	18 09 48.3	+0.2
STEP	BALIKESIR_Sava	1.27 96	S	18 09 49.5	+0.7
STEP	STEP		P	18 10 05.7	+0.3
STEP	STEP		i AML	18 10 10.0	
KRBG	Karabiga-Canak	1.28 46	Pn	18 09 49.1	+0.2
ZEYE	Izmir, Ura-Ze	1.31 166	P	18 09 49.6	+0.3

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
ZEYE	ZEYE		S	18 10 05.3	-1.1
ZEYE	ZEYE		i AML	18 10 12.0	
ZEYE	ZEYE		AML	18 10 12.0	
KNL	Balkesir	1.34 55	Pn	18 09 50.1	+0.4
KNL	KNL		Sb	18 10 08.0	+0.6
KNL	KNL		AML	18 10 09.0	
KNL	KNL		AML	18 10 10.0	
GONE	Gonen-Balkiesir	1.34 66	Pn	18 09 49.9	+0.2
BLCB	Balcova	1.35 146	Pn	18 09 50.4	+0.6
ALN	Alexandroupoli	1.39 359	P	18 09 50.3	0.0
ALN	ALN		Sb	18 10 08.2	-0.4
ALN	Alexandroupoli	1.39 359	Pn	18 09 50.5	+0.2
ALN	Alexandroupoli	1.39 359	Pn	18 09 50.5	+0.2
ALN	ALN		Sb	18 10 08.6	0.0
ALN	ALN		AML	18 10 10.4	
ALN	ALN		AML	18 10 11.0	
KESN	Edirne-Kesan	1.39 19	P	18 09 50.6	-0.1
KESN	KESN		i AML	18 10 10.0	
KESN	KESN		i AML	18 10 13.0	
BALB	Balkesir	1.39 84	Pn	18 09 51.0	+0.6
BKES	Balkesir-Mer	1.44 81	Pn	18 09 51.8	+0.8
BKES	BKES		i AML	18 10 14.0	
RKY	Sarkoy-Tekirda	1.44 35	Pn	18 09 51.8	+0.7
THAS	Thassos Island	1.52 317	P	18 09 52.1	0.0
THAS	THAS		AML	18 10 16.0	
THAS	THAS		AML	18 10 16.2	
EDC	Edirne	1.60 58	Pn	18 09 54.2	+0.9
UKOP	Uzunokup-Edir	1.67 14	Pn	18 09 54.9	+0.7
RDO	Rodhopi	1.69 346	S	18 09 54.7	+0.3
RDO	RDO		Sn	18 10 16.2	+0.3
RDO	Rodhopi	1.69 346	Pn	18 09 55.1	+0.7
RDO	Rodhopi	1.69 346	Pn	18 09 54.7	+0.3
RDO	Rodhopi	1.69 346	Pn	18 09 54.7	+0.3
SMG	SMG		AML	18 10 29.9	
KAVA	Kavala	1.91 321	P	18 09 57.7	+0.2

NOU 01 18:13:28.6, 18:04S:177.77W,h582km,mb4.7/72,Fiji
 Islands Region
 IDC 01 18:13:29.2,1.3,18:02S:178.00W,h572km,14km,
 mb3.8/17,mbmp4.7/19, Error ellipse: s-maj=17.3km
 s-min=1.1,9km az=145.0
 NEIC 01 18:13:29.4,2.1,18:05S:177.99W,0.1,h574km,8km,
 mb4.3/129, Error ellipse: s-maj=19.8km s-min=16.2km
 az=151.0

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
LKBA	Tubou, Lakemba	0.88 256	P	18 14 38.5	-1.2
TAVE	Taveuni	2.30 304	P	18 14 43.4	-1.1
MSVF	Monsuvu	3.85 270	P	18 14 53.0	-0.6
MSVF	Monsuvu	3.85 274	P	18 14 52.8	-0.7
MSVF	Monsuvu	3.85 274	P	18 14 53.1	-0.4
AFI	Afiama	7.18 56	P	18 15 18.1	-3.1
AFI	AFI		S	18 16 46.8	-5.6
AFI	AFI		S	18 15 23.9	-1.5
NIUE	Niue	7.65 99	P	18 15 24.4	-1.0
RTV	Ratoupa	13.00 269	P	18 16 19.6	+0.9
DVP	Devils Point	13.23 269	P	18 16 22.0	+1.0
MARNC	Mare, Loyalty	13.67 253	P	18 16 22.6	-2.9
MARNC	Mare, Loyalty	13.67 253	P	18 16 23.5	-2.0
PINCC	Pines Island	14.47 249	P	18 16 31.2	-1.2
PINCC	Pines Island	14.47 249	P	18 16 32.0	-1.2
PINCC	Pines Island	14.47 249	P	18 16 36.1	-1.8
OUENC	Ouen Island	14.96 250	P	18 16 37.9	+0.1
DZM	Mont Dzumac	15.23 252	P	18 16 39.8	-0.7
DZM	Mont Dzumac	15.23 252	P	18 16 39.8	-0.7
DZM	Mont Dzumac	15.23 252	P	18 16 43.4	
DZM	Mont Dzumac	15.23 252	P	18 16 40.5	-0.1
ONTNC	Ouen Toro	15.28 251	P	18 16 40.4	-0.5
ONTNC	ONTNC		i AML	18 17 07.8	
ONTNC	Ouen Toro	15.28 251	P	18 16 41.7	+0.9
NOUC	Port Laguerre	15.37 252	P	18 16 41.2	-0.5
KOUNC	Koumac, New Ca	16.57 249	P	18 16 57.4	+0.8
KOUNC	Koumac, New Ca	16.58 259	P	18 16 57.1	+1.1
OUZ	Omahuta	18.72 202	P	18 17 11.5	-0.7
WMGZ	Waioamatini S	19.99 189	P	18 17 40.4	+1.7
PKGZ	Pakihiora	20.10 189	P	18 17 38.1	+1.3
RUGZ	Raukumara Rang	20.24 190	P	18 17 34.6	+8.5
PUZ	Puketiti	20.26 199	P	18 17 38.7	+1.3
WVZ	Matawai	20.63 190	P	18 17 35.3	+5.8
URZ	Urewera	20.63 191	P	18 17 27.7	-1.7
URZ	URZ		P	18 17 28.1	-1.2
URZ	Urewera	20.63 191	P	18 17 32.5	+3.1
CNGZ	Carnagh Statio	20.67 189	P	18 17 40.6	+1.1
TGZ	T Karaka	20.68 189	P	18 17 37.5	+7.7
RAGZ	Rawiri	20.80 190	P	18 17 35.3	+4.2
MUGZ	Murupara	20.90 192	P	18 17 25.5	+0.6
RIGZ	Rimuhou	20.95 189	P	18 17 38.4	+6.0
RTZ	Ratuhoua	21.00 191	P	18 17 33.6	+0.8
SHNZ	Shannon Statio	21.10 190	P	18 17 36.3	+2.7
MTHZ	Maungataniwha	21.25 191	P	18 17 34.6	+1.1
RAHZ	Arahi	21.27 191	P	18 17 36.3	+1.1
KNZ	Kotoko	2			

1d 18h

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like Wanaqama, Unalaska Valle, Suanglung, etc.

2017 MAR

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like Melozitna Rive, Clear Creek Bu, Bear Creek A, etc.

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Table with columns for station name, elevation, frequency, and other parameters. Includes stations like STKA, WRA, ASAR, etc.

ICD 01 18:20:40.0:1.4, 12.13N:143.17E, h0km, mb3.5/5, mbmp3.5/6, ML3.7/1, Error ellipse: s-maj=85.1km s-min=20.4km az=120.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUMO, H1N1, H1N2, etc.

ICD 01 18:46:16.7:13.0, 24.60S:69.33W, h0km, mb3.7/1, mbmp3.7/1, Error ellipse: s-maj=1008.0km s-min=123.8km az=179.0

GUC 01 18:46:26.8:0.7, 24.59S:69.64W, h108km, mb6km, ML3.6 SJA 01 18:46:27.0:0.7, 24.59S:69.51W, h75km, ML3.6, MW3.7, Hypocentre not reviewed by the ISC

ISC 01 18:46:28.0:1.0, 24.57S:0.04:69.65W:0.09, h95km, 10km, n19, c06/27, Northern Chile

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB14, PB10, PB15, etc.

ISK 01 18:50:14.4, 39:50N:26:04E, h10km, ML2.6/18 ATH 01 18:50:15.3, 39:50N:26:05E, h10km, 3km, ML2.7/4, Error ellipse: s-maj=3.5km s-min=1.0km az=213.0

1d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ODZ Otahua Downs, MRZ Mangatoinoka R, etc.

2017 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like BBOO Buckleboog, CTA Charters Tower, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like UGM Wanagama, BKKI Banjar Baru, SNAAS Sarung, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PLAI Plampang, JHJ Hachijo jima 2, RAR Rarotonga, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, ZAAO Zalesovo Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BZP Bezymyanni-Pe, BZWR Bezymyanni-We, BZWR Bezymyanni-We, etc.

IDX 01 20:52:59.5,3.9,6.68S,148.32E,h0km,mb3.0/1, mbtmp3.2/2,ML3.4/1,Error ellipse: s-maj=134.3km

s-min=50.2km az=117.0, Phase ID Res Time Res Code Station Name Az Az2 Op ISC h m s ISC

Table with columns: Code, Station Name, Az, Az2, Op, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr.

IDX 01 20:59:49.9,0.8,56.06N;164.98E,h0km,mb3.6/14, mbtmp3.7/16,ML3.7/2,MS3.5/8,Error ellipse: s-maj=25.4km s-min=13.5km az=156.0

KRSC 01 20:59:49.3,0.9,55.92N;165.21E,h54km,mb3.6/14, MOS 01 20:59:52.3,0.9,55.90N;165.06E,h47km,mb3.8/1, Error ellipse: s-maj=8.7km s-min=6.0km az=46.3

ISC 01 20:59:49.3,3.5,55.95N;105.165;14.0E,0,h2km,21km, n99,=1E21/96,mb3.6/14,MS3.5/8,Komandorski Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time Res, Res. Includes stations like BKI Bering, BKJ Bering, KBTR Krutoberegovo, etc.

IDX 01 21:02:53.9,2.2,43.71N;105.45W,h0km,mb3.8/2, mbtmp3.6/5,ML3.3/3,Error ellipse: s-maj=67.7km

s-nin=9.1km az=150.0, NEIC 01 21:02:55.2,2.1,43.66N;105.105;22W;0.7,h0km,2km, LUJ 01 21:02:59.2,Error ellipse: s-maj=10.9km s-min=6.2km az=318

ISC 01 21:02:54.2,1.0,43.67N;107.105;21W;0.08,h0km,n32, =1505/31,Wyoming

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time Res, Res. Includes stations like RSSD Black Hills, K2A Casper, PHWY Pilot Hill, etc.

Table with columns: PDAR, Lg, Lg, 21 04 31.8, comp=N, 3.9nm, 0.3s, baz=54, slow=27, SNR=5.6, Pn, Pn, 21 03 49.1 +0.7, 21 04 11.7 +0.8, 21 05 00.6, 3.91 256, 3.94 283, IAML, IAML, 21 03 58.5 +1.6, 21 05 19.6, 21 05 24.9, 4.02 273, 4.12 268, IAML, IAML, 21 04 03.5 +1.0, 21 05 20.5, 21 05 34.7, 4.45 287, 4.48 228, Pn, Pn, 21 04 05.2 +1.8, 21 04 05.0 +1.3, 21 05 24.4, 21 05 28.1, 4.86 8, 5.12 248, Pn, Pn, 21 04 10.9 +2.3, 21 04 11.7 +0.7, 21 05 45.8, 5.18 235, IAML, IAML, 21 04 13.1 -0.3, 21 05 46.5, 21 06 37.4, 5.53 225, 5.85 249, Pn, Pn, 21 04 17.5 -0.5, 21 04 22.3 -0.1, 21 04 27.8 +1.4, 5.89 254, Pn, Pn, 21 04 23.9 +0.4, 21 04 26.5 +1.3, 21 04 27.8 +1.4, 21 04 27.9 +1.3, 21 04 31.4 +1.3, 21 04 39.8 +0.2, 21 05 06.4 -1.2, 21 07 37.9, 9.16 41, I, I, 21 05 06.4 -1.2, 21 07 37.9, 11.99 247, 12.99 325, Pn, Pn, 21 05 36.7 +1.2, 21 05 36.7 +1.2, 82.38 354, P, P, 21 15 16.8 -1.0, 21 15 16.8 -1.0, 89.68 355, P, P, 21 15 53.4 -0.6, 21 15 53.4 -0.6

ADC 01 21:09:27.5, 6.3, 38S, 131.34E, h0km, mb3.2/2, mbmp3.2/3, ML3.1/1, Error ellipse: s-maj=234.9km s-min=31.3km az=72.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, WRA Warramunga Arr 16.72 170 Pn, WRA 358, slow=23, SNR=2.1, ASAR Alice Springs 20.32 173 P, MKAR Makanchi Array 65.98 325 P

AEIC 01 22:02:28.9, 1.5, 52, 0N, 0.1, 176, 25E, 0.09, h71km, 7km, Error ellipse: s-maj=16.8km s-min=6.3km az=200.0, NEIC 01 22:02:29.6, 1.4, 51, 9N, 0.1, 176, 25E, 0.04, h58km, 8km, mb4.2/48, ML4.0(AEIC), Error ellipse: s-maj=17.3km s-min=3.4km az=185.0

ADC 01 22:02:30.6, 2.1, 51, 98N, 176.30E, h66km, 15km, mb3.8/22, mbmp4.1/25, MS3.0/13, Error ellipse: s-maj=22.1km s-min=11.0km az=171.0, NEIC 01 22:02:29.8, 0.5, 51, 9N, 0.1, 176, 19E, 0.04, h50km, n113, +1519/101, mb4.2/42, MS3.1/11, Rat Islands

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, SHEM Shemya Is, Ala 1.52 304 P, SMY Semychkan 1.52 304 P, AMKA Amchitka 2.01 104 P, KIWB Kanaga Island 4.13 88 P, ADK Adak 4.42 88 P, GSTR Great Sitkin T 4.79 85 P, NKH Nikolski High 9.20 77 P, UNV Unalaska Valle 10.64 73 P, PEA0B Petropavlovsk-1 11.33 283 P, PETK Petropavlovsk-1 1.6nm, 0.5s, baz=94, slow=16, SNR=2.5, PETK 1.8nm, 0.4s, baz=248, slow=8.7, SNR=6.3, PETK 3.2nm, 19.0s, baz=83, slow=38, PETK Petropavlovsk-1 11.33 283 P, TNA Tin City 15.90 25 P, MA2 Magadan 16.16 308 LR, SEY Semychkan 16.80 320 P, BILL Bilibino 16.89 347 P, P18K Big Mountain, 17.67 54 Iamb, Iamb, 18.38 50 P, TTA Talalina 18.43 42 P, P19K Oil Pt 18.72 54 P, KDAD Kodiak Island 18.80 50 P, KDAK Kodiak Island 18.80 50 P, ILSW Iliamna Southw 18.83 53 P, RDOG Red Dog Mine 19.10 24 P, CNPI China Foot 19.70 54 P, CAST Castle Rocks 20.26 43 P, SUA Susitna One 20.30 49 P, IMAR Indian Mountain 20.66 36 P, SEW Seward 20.68 35 P, KTH Kantishna Hill 20.80 43 P, H21K Melozitna Rive 20.86 37 P, PWL Port Wells 21.34 51 Iamb, Iamb, 21.50 49 P, SML Sawmill 21.50 49 P, NEA2 Nenana 21.91 41 P, SCM Sheep Creek 21.98 49 P, WRH Wood River Hill 22.27 42 P, CCB Clear Creek Bu 22.44 42 P, H24K Noodor Dome 22.80 39 P, IL31 22.85 42 P, ILAR Eielson Array 22.85 42 P

Table with columns: TOLK Toolik Lake Re 23.36 31 P, ASAJ Asakawa 23.62 264 P, DOT Dot Lake 23.79 45 P, SCRK Sand Creek 23.88 44 P, FYU Fort Yukon 24.05 38 P, J26L Joseph Creek 24.17 43 P, BCAR Beaver Creek A 24.71 47 P, EGAK Eagle 25.24 43 P, DAWY Dawson 25.90 45 P, I29M Ogilvie Camp, 26.53 42 P, HYT Haines Juncto 26.62 52 P, KLR Klu'du 26.82 282 P, TIXI Tiksi 28.58 331 LR, INK Inuvik 28.85 36 P, INK Inuvik 28.85 36 P, H1N2 WAKE ISLAND Hy 32.93 196 T, H1N3 WAKE ISLAND Hy 32.94 196 T, H1N1 WAKE ISLAND Hy 32.95 196 T, H1S1 WAKE ISLAND Hy 34.16 196 T, H1S2 WAKE ISLAND Hy 34.17 196 T, KSR5 Korea Array 36.53 266 LR, YKA Yellowknife Arr 37.12 46 P, YKA 31.9m, 11.1s, baz=314, slow=38, JNU Nakatsue 37.58 258 LR, YBH Yreka Blue Hor 41.87 79 LR, ULN Ulanabatarr 43.20 293 P, SONM Songino Array 43.59 294 P, SONM Songino Array 43.59 294 P, ELK Elk 46.97 75 LR, PDAR Pinedale Array 49.09 70 P, SPB2 Spitzbergen Arr 49.59 355 P, ZALV Zalesovo Beam 51.36 311 P, FRB Frobiisher Bay 54.16 30 P, KURK Kurchatov 56.35 311 P, KURBB Kurchatov Arr 56.46 311 P, ARCES ARCESS Array B 56.98 348 P, MK31 Makanchi Array 57.22 305 P, MKAR Makanchi Array 57.22 305 P, MKAR Makanchi Array 57.22 305 P, MKAZ Makanchi 57.37 306 P, BVAR Borovoye Array 58.42 317 P, BRVK Borovoye 58.44 317 P, PZH PanZhiHua 60.18 276 P, PZH 120nm, 0.5s, pmax, pmax, ARZ Arti 60.45 326 P, SCHO Schefferville 61.47 36 P, TX31 Lajitas Array 61.63 78 P, TXAR Lajitas Array 61.63 78 P, TARG Taragay, Kyrgy 63.07 304 P, AAK Ala-Archa 64.08 307 P, AAK Ala-Archa 64.08 307 P, AAK Ala-Archa 64.08 307 P, FIA1 FINESS Array B 64.51 345 P, FINES FINESS Array B 64.51 345 P, ABKAR Akbulak array 65.57 320 P, ABKAR Akbulak array 65.57 320 P, ABKAR Akbulak array 65.57 320 P, KKAR Karatay Array 65.68 309 P, KKAR Karatay Array 65.68 309 P, KKAR Karatay Array 65.68 309 P, NC204 NORSAR Array S 66.57 352 P, NB2 NORSAR Subarra 66.76 352 P, NOA NORSAR Array B 66.76 352 P, CMAR Chiang Mai Arr 67.86 272 P, CMAR Chiang Mai Arr 67.86 272 P, AKASO Malin Array Be 74.00 339 P, GEYT Alibeck 75.52 314 P, GNI Gari 79.06 324 LR, KBA Koelnbreinsper 80.30 348 I P, WRA Warramunga Arr 80.33 220 P, SOKA Soboth 80.47 347 I P

Table with columns: OBKA Obir 80.70 347 eP, ASAR Alice Springs 83.86 218 P, TORO Torodi Arr Be 115.04 354 PKP, DBIC Dimbokro 121.65 1 PKP, H03N2 Juan Fernandez 124.30 102 T, H03N1 Juan Fernandez 124.32 102 T, H03N3 Juan Fernandez 124.32 102 T

DJA 01 22:04:30.8, 0.1, 6, S, 2, 11, 3E, h593km, 2km, M4, 4/43, mb4, 6/43, mB5, 0/24, MLv4, B/30, Mw(mB)4.3/24, MmwMw4.9/1, Mwp5.2/1, NEIC 01 22:04:31, 1, 2, 3, 6, 12S, 0, 08, 113, 08E, 0.10, h584km, 6km, mb4, 6/98, Error ellipse: s-maj=14.1km s-min=1.6km

IDC 01 22:04:32, 1, 0, 7, 6, 03S, 113, 10E, h605km, 6km, mb3.9/32, mbmp4.9/33, Error ellipse: s-maj=11.3km s-min=6.7km az=57.0, ISC 01 22:04:30.9, 0.4, 6, 14S, 0, 05, 113, 07E, 0, 05, h597km, 4km, h599km, pP-P, n401, s107/433, mb4.5/79, 2C-12, Jawa

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, BWJI Bawean 0.50 304 Op, GRJI Gresik 0.97 217 P, TBJI Tambak Boyo 1.39 241 P, BLJI Banyulugur 1.66 162 P, ABJI Asem Bagus 2.01 145 P, NGJI Ngawi 2.02 233 P, UWJI Ujung Watu 2.13 262 P, PWJI Pangerwojo 2.26 214 P, JAGI Jajag, Banyuwa 2.55 155 P, JAGI Jajag, Banyuwa 2.55 155 P, JAGI Jajag, Banyuwa 2.55 155 P, SMRI Semarang 2.77 251 P, SMRI Semarang 2.77 251 P, SMRI Semarang 2.77 251 P, SRBI Singaraja 3.07 132 P, UGM Wanagama 3.09 235 P, UGM Wanagama 3.09 235 P, UGM Wanagama 3.09 235 P, BBKI Banjar Baru 3.19 34 P, YOGI Yogyakarta 3.23 239 P, DNP Denpasar 3.29 140 P, IGBI Denpasar 3.36 143 P, PBKI Pangkalan Bun 3.63 338 P, KPJI Karang Pucung 4.28 254 P, TWSI Taliwang, Sumb 4.58 125 P, TWSI Taliwang 4.79 266 P, CMJI Cimerak 4.88 250 P, PLAI Plampang 5.37 120 P, PLAI Plampang 5.37 120 P, BBJI Bungbulang 5.54 256 P, CNUJ Cibinong 6.02 259 P, BKB Balikpapan 6.16 38 P, BKB Balikpapan 6.16 38 P, BKB Balikpapan 6.16 38 P, CBJI Citeko 6.19 267 P, TPI Tanjungpandan 6.36 302 P, SKJI Sukabumi 6.53 262 P, KAPI Kappang 6.74 81 P, KAPI Kappang 6.74 81 P, SPSI Sidrap Palu 7.01 72 P, BKSI Bulukumba 7.06 84 P, CGJI Cibinong 7.35 266 P, BSSI Bau Bau, Buton 7.37 90 P, PPBI Pangkal Pinang 7.97 299 P, KSM Kuching 8.05 340 P, KUCHI Kuching 8.05 340 P, BASI Baing, Sumba 8.46 119 P, XMI Christmas Isla 8.46 239 P, KASI Kota Agung 8.56 274 P, SBUM Sibuluan 8.57 354 P, PMBI Palembang 8.87 291 P, MDSI Maura Dua 9.01 280 P, LWLI Liwa 9.04 277 P, MPSI Mapaga 9.37 47 P, MMRI Mamure 9.42 106 P, DSRI Dabo 10.17 303 P, MINAI Manna 10.23 279 P, MINAI Manna 10.23 279 P, MINAI Manna 10.23 279 P, TOLIZ Toititit 10.54 47 P, TOLIZ Toititit 10.54 47 P, LUWI Luwuk 10.92 63 P, MRSI Marisa 11.02 54 P, TPRI Ternate 11.04 309 P, SOEI Soe 11.65 109 P, SOEI Soe 11.65 109 P, GTOI Gorontalo 11.98 56 P, MYLDM Lahad Datu 12.48 26 P, KKM Kota Kinabalu 12.50 15 P, KKM Kota Kinabalu 12.50 15 P, SDDI Sungai Dareh 12.72 294 P, PPSI Pulau Pagai 13.45 284 P, NLAI Namia 14.27 79 P, LBMI Labuha 15.40 70 P, TNTI Ternate 15.83 65 P, TNTI Ternate 15.83 65 P, IPM Ipo 16.00 311 P, GIRL Giralila 16.45 176 P, GIRL Giralila 16.45 176 P, RPSI Rantau Prapat 16.63 301 P, PSA00 Pilbara Seismi 16.69 158 P, PSA00 Pilbara Seismi 16.69 158 P, PSA00 Pilbara Seismi 16.69 158 P, PSA00 Pilbara Seismi 16.69 158 P

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

NCC 02 00:09:59.0-9.0,37.56N-71.13E, h0km, mb3.5, mpv3.1, 1C-3D, Error ellipse: s-maj=96.8km s-min=57.2km az=153.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station identifiers like IUG, AML, MRKS, etc.

DJA 02 00:13:29.2-0.6,9.5.6.12.0E, h128km, 11km, M3.8/7, mb4.0/3, mB4.9/2, MLV3.8/7, Mw(mb)4.2/2, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station identifiers like BASI, MMRI, PLAI, etc.

IDC 02 00:17:15.4-1.0,44.23N-81.24E, h0km, mb3.6/6, mbmp3.6/13, ML3.1/6, MS3.1/1, Error ellipse: s-maj=13.9km s-min=9.1km az=123.0

NCC 02 00:17:17.6-0.5,44.30N-81.21E, h0km, mb4.5, mpv4.3, Error ellipse: s-maj=6.8km s-min=2.2km az=127.0

SOME 02 00:17:18.0,44.27N-81.13E, h10km, MS2.9, ISC 02 00:17:17.3-1.4,44.29N-81.04E, h0km, gkm, n101, 2s07/129, mb3.6/6, 2sC-11D, Northern Xinjiang

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like DJR, PDGK, SHLS, UZB, etc.

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like SATY, ARXS, ARXS, etc.

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like TKM2, SGDS, CHMS, etc.

KNET 02 00:22:25.4-0.5,43.59N-77.72E, h10km, 4km, ml3.2, Error ellipse: s-maj=9.5km s-min=4.6km az=147.0

NCC 02 00:22:26.0-0.2,43.46N-77.84E, h0km, mb3.8, mpv4.1, Error ellipse: s-maj=3.9km s-min=1.0km az=167.0

KRNET 02 00:22:26.5-0.1,43.45N-77.83E, h23km, mb3.8, SOME 02 00:22:26.7-1.0,43.46N-77.77E, h10km, ISC 02 00:22:26.7-1.0,43.46N-77.81E, h0km, n95, -135/181, 39C-28D, Lake Issyk-Kul region

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

2d 0h

2017 MAR

Table with columns: ZHN, ZHNishke, 0.54 122 eP, Pg, 00 22 36.8 -0.3, SHLS, Shalkode, 1.25 103 eP, Pg, 00 22 54.5 +3.9, etc.

Table with columns: SHLS, Shalkode, 1.25 103 eP, Pg, 00 22 54.5 +3.9, SHLS, Shalkode, 1.25 103 eP, Pg, 00 22 54.5 +3.9, etc.

Table with columns: MK31, 0.5nm, 0.3s, baz=219, slow=16, SNR=2.6, Pb, 00 23 47.8 -0.1, MK31, 0.8nm, 0.3s, baz=227, slow=14, SNR=4.3, Lg, 00 24 53.0, etc.

TUL 02 00:30:40.6:0.5, 35:84N:0:02:96:65W:0:04, h6km, 5km, ML3.3, mb, Lg3, 1/94(NEIC), ML3.3/42(NEIC), Error ellipse: s-maj=4.9km s-min=2.2km az=104.0, NEIC 02 00:30:41.3:0.4, 35:84N:0:02:96:65W:0:02, h4km, 5km, Error ellipse: s-maj=2.8km s-min=2.1km az=79.0, ANF 02 00:30:41.3:0.2, 35:88N:96:64W, h5km, ML3.9/14, Error ellipse: s-maj=2.8km s-min=2.1km az=9.0, ISC 02 00:30:41.2:0.9, 35:84N:0:02:96:65W:0:02, h8km, 7km, n119, -0854/102, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Rise, h, m, s, ISC, DEOK, Depew, 0.12 90, Op, Pg, 00 30 43.5 -0.3, etc.

2017 MAR

2d 1h

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

TIF 02 01:00:49.6, 41.717N:46.45E, h18km, 1km
DRS 02 01:00:49.9, 0.0, 41.67N:46.49E, h16km
NORS 02 01:00:50.0, 0.0, 41.81N:46.47E, h8km, MPVA3.3

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

ISK 02 01:16:31.1, 41.93N:35.60E, h7km, ML2.8/6
DDA 02 01:16:33.7, 0.0, 41.87N:35.66E, h13km, 1km, ML3.0
CFUSG 02 01:16:34.1, 42.10N:35.60E, h10km, mb2.1/6, Black sea

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

IDC 02 01:23:29.1, 47.0, 15.15S:174.65W, h0km, mb4.0/3,
mbtmp4.0/3, Error ellipse: s-maj=898.8km
s-min=191.8km az=77.0, Tonga Islands

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

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

T35M	Bob Quinn	12.11	93	P	Pn	02 14 20.7	+1.2
V35K	Ketchikan	12.14	102	P	Pn	02 14 19.3	-0.6
LIRD	Liard Her Hi	13.49	79	P	Pn	02 14 39.1	+1.0
GRNB	Grenville Isla	13.74	105	Pn	Pn	02 14 39.3	-2.0
HG4B	Hot Spring	14.08	112	P	Pn	02 14 44.3	-2.3
KOTAN	Kotaneleele Air	14.47	76	P	Pn	02 14 50.0	+0.6
WRGLY	Wrigley	14.40	63	P	Pn	02 14 50.3	+0.6
FLDN	Fort Liard	14.63	75	P	Pn	02 14 54.6	+1.8
ADK	Adak	15.48	250	P	Pn	02 15 03.9	+0.2
ADK	Adak	15.48	250	P	Pn	02 15 05.1	-1.3
ADK	Adak	15.48	250	P	Pn	02 15 03.9	+0.2
C36M	Paulatuk	15.55	39	P	Pn	02 15 00.5	-3.9
BBB	Bella Bella	15.62	108	P	Pn	02 15 05.5	0.0
BBB	comp=N,30nm,0.5s,baz=292,slow=10,SNR=22			S	Sn	02 17 56.4	-1.1
BBB	comp=N,17nm,0.4s,baz=188,slow=19,SNR=4.7			LR	LR	02 20 11.0	
BBB	comp=N,2um,20.8s,baz=318,slow=33			P	Pn	02 15 07.6	+0.8
KIWB	Kanaga Island	15.72	251	P	Pn	02 15 14.5	-2.5
A36M	Sachs Harbour	16.51	30	P	Pn	02 15 13.9	-2.5
A36M	Sachs Harbour	16.51	30	P	Pn	02 15 13.9	-2.5
HILA	High Level	18.25	78	P	P	02 15 37.2	+0.3
YKA	Yellowknife Ar	18.49	65	P	P	02 15 39.1	-0.4
YKA	comp=N,100nm,0.7s,baz=274,slow=9.8,SNR=312			pP	pP	02 15 55.3	-0.3
YKA	comp=N,7.2nm,0.8s,baz=260,slow=1.4,SNR=3.7			PcP	PcP	02 20 06.3	+0.5
YKA	comp=N,3um,20.9s,baz=276,slow=37			LR	LR	02 22 55.0	
YKA	comp=N,10nm,0.7s,baz=284,slow=1.9,SNR=14			ScP	ScP	02 23 34.8	+1.0
SHEM	Shemya Is, Ala	19.54	264	P	Pn	02 15 51.5	+0.4
SHEM	comp=N,544nm,0.5s,baz=58,slow=4.1,SNR=22			LR	LR	02 23 55.7	
SHEM	comp=N,1um,20.2s,baz=92,slow=38			P	Pn	02 15 52.0	+0.9
SMY	Shemya	19.54	264	P	Pn	02 15 52.4	-0.7
SMY	Shemya	19.54	264	P	Pn	02 15 52.0	+0.9
SMY	Shemya	19.54	264	P	Pn	02 15 51.6	+0.4
BILL	Bilibino	19.56	313	P	P	02 15 51.8	+0.6
BILL	Bilibino	19.56	313	P	P	02 19 27.2	-0.3
BILL	comp=Z,165nm,1.7s			pmx	pmx		
BILL	comp=Z,964nm,15.0s			MLR	MLR		
NLWA	Neilton Lookou	20.89	113	P	P	02 16 07.0	+1.2
LNW	Longmire	22.32	111	I	Iamb	02 16 43.9	
B08A	Colville Reser	22.39	105	P	P	02 16 23.4	+1.7
B08A	comp=Z,177nm,1.4s			Iamb	Iamb	02 16 42.0	
LTY	Liberty	22.50	109	I	Iamb	02 16 45.3	
NEW	Newport	23.54	103	P	P	02 16 33.8	+0.7
NEW	comp=Z,30nm,0.7s,baz=311,slow=8.9,SNR=68			pP	pP	02 16 50.4	-0.1
NEW	comp=Z,23nm,0.6s,baz=321,slow=9.7,SNR=7.1			LR	LR	02 25 01.8	
NEW	comp=Z,2um,18.8s,baz=296,slow=34			P	Pn	02 16 54.5	
NEW	comp=Z,96nm,1.8s			Iamb	Iamb	02 16 34.5	+1.4
NEW	Newport	23.54	103	P	P	02 16 34.5	+1.4
HAWA	Hanford	23.66	109	P	P	02 16 35.4	+1.2
HAWA	comp=Z,219nm,1.5s			Iamb	Iamb	02 16 57.0	
G05A	Wamic	23.67	113	I	Iamb	02 17 00.9	
H04A	Detroit Lake	23.69	115	I	Iamb	02 16 56.0	
E08A	Dider Farm, EJ	23.82	108	I	Iamb	02 16 58.3	
F07A	Phinny Hill Vi	23.84	111	I	Iamb	02 16 58.9	
E09A	Wood Farm, Sta	24.25	107	I	Iamb	02 17 01.3	
I05D	Terrebonne, OR	24.34	115	I	Iamb	02 17 03.9	
RES	Resolute Bay	25.56	31	P	P	02 16 50.3	-0.7
RES	comp=Z,45nm,0.6s,baz=256,slow=11,SNR=157			LR	LR	02 26 54.5	
RES	comp=Z,748nm,21.0s,baz=260,slow=36			P	Pn	02 16 50.3	-0.7
RES	comp=Z,45nm,0.6s			P	P	02 16 54.8	+1.3
RES	Resolute Bay	25.56	31	P	P	02 16 50.3	-0.7
YBH	Yreka Blue Hor	25.78	121	P	P	02 17 12.6	+0.6
YBH	comp=Z,16nm,0.9s,baz=325,slow=6.1,SNR=29			pP	pP	02 17 12.6	+0.6
YBH	comp=Z,54nm,0.8s,baz=340,slow=4.5,SNR=22			LR	LR	02 25 33.3	
SEY	Seymchan	25.89	301	P	P	02 16 53.6	-0.6
SEY	comp=Z,27nm,0.8s,baz=98,slow=8.9,SNR=44			PcP	PcP	02 20 20.8	+0.1
SEY	comp=Z,27nm,0.8s,baz=115,slow=4.0,SNR=7.5			LR	LR	02 27 19.7	
SEY	comp=Z,1um,19.5s,baz=78,slow=37			P	Pn	02 16 54.1	-0.1
SEY	comp=Z,27nm,0.8s			pmx	pmx		
MSO	Missoula	26.09	102	I	Iamb	02 17 20.4	
MSO	comp=Z,148nm,1.1s			P	P	02 16 56.9	+0.6
J08A	Circle Bar Ran	26.43	113	I	Iamb	02 17 22.9	
WVOR	Wild Horse Val	27.06	114	I	Iamb	02 17 30.4	
PET	Petropavlovsk	27.21	278	P	P	02 17 05.5	-0.6
PET	Petropavlovsk	27.21	278	P	P	02 17 07.5	+1.4
PET	Petropavlovsk	27.21	278	eS	S	02 17 06.3	+0.2
PET	Petropavlovsk	27.21	278	eS	S	02 21 39.5	+0.7
PET	comp=Z,312nm,1.4s			pmx	pmx		
PET	comp=Z,900nm,15.0s			MLR	MLR		
FFC	Flin Flon	27.38	78	P	P	02 17 07.5	-0.1
FFC	Flin Flon	27.38	78	P	P	02 17 07.5	-0.1
EGMT	Eagleton	27.39	96	I	Iamb	02 17 31.9	
EGMT	comp=Z,95nm,1.2s			Iamb	Iamb	02 17 08.5	+0.6
EGMT	Eagleton	27.39	96	P	P	02 17 09.2	-0.8
PEA0B	Petropavlovsk-	27.64	279	P	P	02 17 09.2	-0.8
PEA0B	comp=Z,176nm,0.8s			Iamb	Iamb	02 17 11.3	
PEA0B	Petropavlovsk-	27.64	279	eP	P	02 17 09.2	-0.8
PETK	Petropavlovsk-	27.64	279	P	P	02 17 09.2	-0.8
PETK	comp=Z,125nm,0.7s,baz=70,slow=12,SNR=134			PcP	PcP	02 20 25.2	+0.1
PETK	comp=Z,18nm,0.8s,baz=143,slow=5.4,SNR=5.4			ScP	ScP	02 23 57.8	-0.3
PETK	comp=Z,15nm,0.9s,baz=96,slow=4.6,SNR=8.3			LR	LR	02 27 43.6	
PETK	comp=Z,564nm,20.9s,baz=70,slow=35			P	Pn	02 17 09.3	-0.6
PETK	comp=Z,125nm,0.7s			PcP	PcP	02 20 25.1	+0.1
PETK	Petropavlovsk-	27.64	279	P	P	02 17 12.0	+0.2
MA2	Magadan	27.85	295	P	P	02 17 11.8	0.0
MA2	comp=Z,166nm,0.9s,baz=70,slow=9.8,SNR=74			PcP	PcP	02 20 25.0	-0.4
MA2	comp=Z,22nm,0.7s,baz=103,slow=3.8,SNR=6.1			LR	LR	02 28 35.6	
MA2	comp=Z,525nm,19.8s,baz=76,slow=37			P	Pn	02 17 11.8	0.0
MA2	comp=Z,166nm,0.9s			P	P	02 17 12.3	+0.5
MA2	Magadan	27.85	295	P	P	02 17 12.2	+0.5
MA2	Magadan	27.85	295	P	P	02 17 12.2	+0.5
MA2	comp=Z,316nm,1.0s			pmx	pmx		
EUNU	Eureka	27.92	20	P	P	02 17 11.8	-0.5
ORV	Oroville	28.09	122	P	P	02 17 15.6	+1.5
ORV	Oroville	28.09	122	P	P	02 17 15.6	+1.5
ORV	comp=Z,18nm,1.2s			pmx	pmx		

BOZ	Bozeman (W)	28.10	101	P	P	02 17 15.7	+1.4
HLID	Hailey	28.21	108	P	P	02 17 16.8	+1.4
MPK	Madison River	28.95	120	I	Iamb	02 17 46.5	
YMR	Madison River	29.09	102	I	Iamb	02 17 46.5	
FCC	Fort Churchill	29.21	66	P	Iamb	02 17 23.8	0.0
FCC	Fort Churchill	29.21	66	P	Iamb	02 17 47.4	
FCC	Fort Churchill	29.21	66	P	pmx	02 17 23.8	0.0
FCC	Fort Churchill	29.21	66	P	pmx		
H17A	Grant Village	29.48	102	P	P	02 17 28.0	+1.3
RLMT	Red Lodge	29.62	100	I	Iamb	02 17 51.6	
RLMT	Red Lodge	29.62	100	P	P	02 17 29.7	+1.9
FLWY	Flagg Ranch	29.65	103	I	Iamb	02 18 02.2	
CMB	Columbia Colie	29.84	122	P	P	02 17 30.1	+0.4
CMB	Columbia Colie	29.84	122	P	P	02 17 30.1	+0.4
SKR	Severo-Kuril's	29.85	276	eP	pmx	02 17 29.4	-0.1
SKR	comp=Z,302nm,0.8s			pmx	pmx		
SKR	comp=Z,200nm,4.6s			MLR	MLR		
MOOW	Moose Ponds	29.87	103	I	Iamb	02 17 53.1	
DMGT	Dagmar	29.92	90	P	P	02 17 31.2	+0.9
DMGT	Dagmar	29.92	90	P	P	02 17 31.5	+1.2
DMGT	Dagmar	29.92	90	P	P	02 17 31.6	+1.3
ELK	Elko	29.97	112	LR	LR	02 28 31.8	
LAO	LASA Array	30.07	95	I	Iamb	02 17 53.9	
LAO	LASA Array	30.07	95	P	P	02 17 32.9	+1.2
LAO	LASA Array	30.07	95	P	P	02 17 33.5	+1.9
SNOW	Snow King Moun	30.07	104	I	Iamb	02 17 56.5	
NVAR	Mina Array Bea	30.43	119	P	P	02 17 37.1	+2.1
NVAR	comp=Z,22nm,0.9s,baz=312,slow=9.4,SNR=10			pP	pP	02 17 55.6	+1.9
NVAR	comp=Z,3.3nm,0.7s,baz=310,slow=2.8,SNR=3.5			ScP	ScP	02 20 33.1	+0.5
NVAR	comp=Z,3.6nm,0.8s,baz=291,slow=2.7,SNR=8.2			LR	LR	02 27 54.5	
NVAR	comp=Z,989nm,21.2s,baz=310,slow=32			P	Pn	02 17 36.5	+1.4
NVAR	comp=Z,9.0nm,0.8s			P	P	02 17 43.4	+1.7
PDAR	Pinedale Array	31.18	103	P	P	02 17 43.6	+1.9
PDAR	Pinedale Array	31.18	103	P	P	02 18 01.9	+1.5
PDAR	Pinedale Array	31.18	103	P	P	02 18 01.9	+1.5
PDAR	Pinedale Array	31.18	103	P	P	02 20 35.5	+0.9
PDAR	Pinedale Array	31.18	103	P	P	02 24 09.3	-0.6
PDAR	Pinedale Array	31.18	103	P	P	02 29 26.2	
PDAR	Pinedale Array	31.18	103	P	P	02 17 42.2	+0.5
ALE	Alert	31.18	103	P	P	02 17 42.0	-1.2
ALE	Alert	31.18	103	P	P	02 18 03.5	+1.5
ALE	Alert	31.18	103	P	P	02 24 09.4	-0.4
DUG	Dugway, Tooele	31.55	110	P	P	02 17 46.6	+1.7
TIN	Tinemaha, Big	31.60	120	P	P	02 17 47.0	+1.8
VOG	Valley Oaks Go	31.71	122	P	P	02 17 47.9	+1.8
R11A	Troy Canyon, C	31.72	115	P	P	02 17 48.0	+1.6
TULEG	Thule	31.80	26	iP	Iamb	02 17 46.4	-0.1
TULEG	comp=Z,36nm,0.6s			Iamb	Iamb	02 17 50.1	
TIXI	Tiksi	31.86	324	LR	LR	02 30 48.6	
TIXI	comp=Z,508nm,19.9s,baz=96,slow=36			P	Pn	02 17 46.4	-0.7
TIXI	Tiksi	31.86	324	P	P	02 17 46.6	-0.5
TIXI	Tiksi	31.86	324	P	P	02 17 46.6	-0.5
TIXI	Tiksi	31.86	324	P	P	02 17 46.9	-0.2
TIXI	Tiksi	31.86	324	P	P	02 18 07.6	+1.6
TIXI	Tiksi	31.86	324	P	P	02 18 17.9	+2.4
TIXI	Tiksi	31.86	324	P	P	02 20 35.0	-0.6
TIXI	Tiksi	31.86	324	P	P	02 24 09.6	-1.8
TIXI	Tiksi	31.86	324	P	P	02 17 51.8	+2.8
GRAC	Grapevine Rang	32.03	119	P	P	02 17 52.5	+2.1
CWC	Cottonwood Cre	32.18	121	P	P	02 17 52.5	+2.1
VES	Vestal, Richgr	32.25	122	P	P	02 17 52.7	+1.9
BSUT	Blindstream Ca	32.27	107	I	Iamb	02 18 16.8	
TPNV	Topopah Spring	32.57	118	I	Iamb	02 18 16.8	
TPNV	comp=Z,202nm,1.9s			P	Pn	02 17 55.7	+1.9
MD							

MIAR	Mount Ida	45.48	96	P	P	02 19 41.0	-0.2
MIAR	Mount Ida	45.48	96	P	P	02 19 41.1	-0.1
BLO	Bloomington	45.48	86	I	Amb	02 19 42.6	
LCAR	Lake Charles	45.51	93	P	P	02 19 41.0	-0.5
WHTX	Lake Whitney	45.57	102	P	P	02 19 41.9	-0.1
WHTX	Lake Whitney	45.57	102	P	P	02 19 43.3	+1.4
SCO	Scoresbysund	45.61	21	I	Amb	02 20 13.6	
SCO	Scoresbysund	45.61	21	i	P	02 19 41.8	+0.1
JCT	Junction City	45.65	106	P	P	02 19 43.6	+1.0
JCT	Junction City	45.65	106	P	P	02 19 43.2	+0.6
ISOG	Isortoq, Green	45.75	32	i	P	02 19 42.2	-0.7
P48A	Milroy	45.82	85	I	Amb	02 20 04.6	
P48A	Milroy	45.82	85	P	P	02 19 42.8	-1.0
USIN	University of	45.82	88	I	Amb	02 20 11.8	
O49A	Covington	45.83	83	I	Amb	02 20 13.2	
O49A	Covington	45.83	83	P	P	02 19 42.7	-1.2
O49A	Covington	45.83	83	P	P	02 19 42.7	-1.2
ANGG	Ammassalik, Gr	46.05	31	i	P	02 19 45.0	-0.2
T45B	Paducah	46.05	90	P	P	02 19 46.4	+0.7
LPIG	La Paz	46.17	121	LR	LR	02 37 04.1	
IVI	Ivigut	46.24	40	i	P	02 19 47.9	+1.1
IVI	Ivigut	46.24	40	P	P	02 19 48.6	
IVI	Ivigut	46.24	40	p	P	02 19 48.0	+1.2
US0A0B	Ussuriysk Arra	46.27	286	I	Amb	02 20 08.9	+2.5
US0A0B	Ussuriysk Arra	46.27	286	i	P	02 19 46.2	-1.0
USRK	Ussuriysk Ar.	46.27	286	P	P	02 19 45.8	-1.4
USRK	Ussuriysk Ar.	46.27	286	P	P	02 25 07.3	+0.3
USRK	Ussuriysk Ar.	46.27	286	P	P	02 39 26.8	
WCI	Wyandotte Cave	46.32	87	P	P	02 19 48.1	+0.4
WCI	Wyandotte Cave	46.32	87	P	P	02 19 48.1	+0.4
WCI	Wyandotte Cave	46.32	87	P	P	02 19 47.4	-0.3
WCI	Wyandotte Cave	46.32	87	P	P	02 19 48.6	+0.9
WCI	Wyandotte Cave	46.32	87	P	P	02 19 48.3	+0.6
WCI	Wyandotte Cave	46.32	87	P	P	02 20 08.3	+1.5
ACSO	Alum Creek Sta	46.47	82	I	Amb	02 20 10.5	
ACSO	Alum Creek Sta	46.47	82	P	P	02 19 48.1	-0.8
ACSO	Alum Creek Sta	46.47	82	P	P	02 19 49.1	+0.2
435B	Jarell	46.49	103	I	Amb	02 20 14.3	
435B	Jarell	46.49	103	P	P	02 19 50.0	+0.8
JMM	Marumori	46.60	273	P	P	02 19 50.6	+0.6
SLBS	Sierra La Lagu	46.70	121	P	P	02 19 52.4	+1.5
M53A	WI Miller and	46.73	79	P	P	02 19 51.1	+0.2
R49A	Shelbyville	46.84	86	P	P	02 19 51.2	-0.6
R49A	Shelbyville	46.84	86	P	P	02 19 51.2	-0.6
T47A	Sharon Grove	46.86	88	P	P	02 19 52.3	+0.3
P51A	Williamsport	47.00	83	I	Amb	02 20 14.3	
P51A	Williamsport	47.00	83	P	P	02 19 52.2	-0.8
P51A	Williamsport	47.00	83	P	P	02 19 52.2	-0.8
WVNY	West Valley, N	47.03	77	I	Amb	02 20 15.6	
N53A	Lisbon	47.12	80	I	Amb	02 20 15.8	
MDJ	Mudanjiang	47.13	288	P	P	02 19 53.4	-0.6
MDJ	Mudanjiang	47.13	288	PP	PP	02 21 45.1	-0.1
MDJ	Mudanjiang	47.13	288	ScP	ScP	02 25 09.4	-1.2
MDJ	Mudanjiang	47.13	288	PcS	PcS	02 25 19.2	-0.3
MDJ	Mudanjiang	47.13	288	S	S	02 26 41.4	+1.4
MDJ	Mudanjiang	47.13	288	ScS	ScS	02 29 39.2	-0.5
MDJ	Mudanjiang	47.13	288	P	P	02 19 54.7	
MDJ	Mudanjiang	47.13	288	P	P	02 19 54.2	+0.2
MDJ	Mudanjiang	47.13	288	P	P	02 19 53.4	-0.6
OS2A	Adamsville	47.14	81	I	Amb	02 20 22.4	
WVT	Waverly	47.16	90	P	P	02 19 54.6	+0.3
WVT	Waverly	47.16	90	P	P	02 19 54.6	+0.3
WVT	Waverly	47.16	90	P	P	02 19 54.2	-0.1
WVT	Waverly	47.16	90	P	P	02 19 54.0	-0.3
WVT	Waverly	47.16	90	P	P	02 19 54.9	+0.6
WVT	Waverly	47.16	90	P	P	02 20 15.1	+1.2
NRS	Narsarsuaq	47.17	39	i	P	02 19 54.5	+0.5
Q51A	Peebles	47.20	84	P	P	02 19 54.0	-0.7
Q51A	Peebles	47.20	84	P	P	02 19 54.0	-0.7
W45A	Hickory Valley	47.22	92	P	P	02 19 55.9	+1.1
BMNY	Brunston-Moira	47.24	72	P	P	02 19 55.2	+0.4
JMIC	Jan Mayen	47.27	15	LR	LR	02 39 14.9	
R50A	Paris	47.27	85	I	Amb	02 20 18.0	
R50A	Paris	47.27	85	P	P	02 19 55.1	-0.1
R50A	Paris	47.27	85	P	P	02 19 55.1	-0.1
WCNY	West Carthage	47.31	73	P	P	02 19 55.2	-0.3
O53A	New Philadelphia	47.35	81	I	Amb	02 20 17.2	
O53A	New Philadelphia	47.35	81	P	P	02 19 54.3	-1.5
BNX	BinXian	47.35	290	i	P	02 19 54.7	-1.0
BNX	BinXian	47.35	290	p	P	02 20 12.3	-3.2
BNX	BinXian	47.35	290	S	S	02 26 39.8	-3.4
BNX	BinXian	47.35	290	S	S	02 27 10.2	-6.6
BNX	BinXian	47.35	290	P	P	02 27 10.2	-6.6
BNX	BinXian	47.35	290	P	P	02 27 10.2	-6.6

BNX	comp=Z,430nm,16.8s	LR	LR				
BNX	comp=Z,770nm,15.2s	LR	LR				
BNX	comp=Z,630nm,28.2s	LR	LR				
P52A	Corning	47.35	82	I	Amb	02 20 19.4	
P52A	Corning	47.35	82	P	P	02 19 55.4	-0.4
LONY	Lake Ozonia	47.36	72	I	Amb	02 20 17.5	
LONY	Lake Ozonia	47.36	72	P	P	02 19 56.1	+0.3
OXF	Oxford	47.62	93	P	P	02 19 58.5	+0.6
OXF	Oxford	47.62	93	P	P	02 19 58.5	+0.6
M55A	Ridgway	47.66	78	P	P	02 19 58.4	+0.3
M55A	Ridgway	47.66	78	P	P	02 19 58.4	+0.3
FRNY	Flat Rock	47.68	71	P	P	02 19 58.2	-0.1
L56A	Greenwood	47.75	76	P	P	02 19 59.8	+0.9
L56A	Greenwood	47.75	76	P	P	02 19 59.8	+0.9
JSD	Sado	47.76	275	P	P	02 19 59.5	+0.6
Q52A	Bidwell	47.80	83	I	Amb	02 20 21.2	
Q52A	Bidwell	47.80	83	P	P	02 19 59.5	+0.3
Q52A	Bidwell	47.80	83	P	P	02 19 59.5	+0.3
O54A	Avella	47.82	80	P	P	02 19 58.7	-0.7
O54A	Avella	47.82	80	P	P	02 19 58.7	-0.7
K57A	Scipio Center	47.82	75	P	P	02 20 00.4	+1.0
P53A	Whipple	47.84	82	I	Amb	02 20 21.0	
P53A	Whipple	47.84	82	P	P	02 19 59.0	-0.6
P53A	Whipple	47.84	82	P	P	02 19 59.0	-0.6
U49A	Red Boiling Sp	47.90	88	I	Amb	02 21 51.5	
U49A	Red Boiling Sp	47.90	88	P	P	02 20 00.8	+0.8
U49A	Red Boiling Sp	47.90	88	P	P	02 20 00.8	+0.8
CLTN	Cedars of Leba	47.95	89	I	Amb	02 20 29.7	
J58A	Remsen	47.95	73	P	P	02 20 01.2	+0.8
J58A	Remsen	47.95	73	P	P	02 20 01.2	+0.8
V48A	Smith Brothers	47.97	89	I	Amb	02 20 29.4	
V48A	Smith Brothers	47.97	89	P	P	02 20 01.4	+0.8
T50A	Nancy	47.98	86	I	Amb	02 20 24.0	
T50A	Nancy	47.98	86	P	P	02 20 01.7	+0.9
T50A	Nancy	47.98	86	P	P	02 20 01.7	+0.9
NCB	Newcomb	48.02	72	P	P	02 20 01.5	+0.6
HKT	Hockley	48.04	102	P	P	02 20 03.1	+2.0
HKT	Hockley	48.04	102	P	P	02 20 03.1	+2.0
HKT	Hockley	48.04	102	P	P	02 20 02.9	+1.8
HKT	Hockley	48.04	102	p	P	02 20 23.3	+2.5
HKT	Hockley	48.04	102	p	P	02 20 31.2	
Y45A	Yeager Farm, C	48.06	93	P	P	02 20 03.4	+2.1
Y45A	Yeager Farm, C	48.06	93	P	P	02 20 03.4	+2.1
S51A	Altamont	48.14	85	P	P	02 20 02.0	+0.2
S51A	Altamont	48.14	85	P	P	02 20 02.0	+0.2
D62A	Altschuld	48.17	66	P	P	02 20 02.5	+0.5
D62A	Altschuld	48.17	66	P	P	02 20 02.5	+0.5
D62A	Altschuld	48.17	66	P	P	02 20 02.5	+0.5
E62A	Clayton Lake	48.29	66	P	P	02 20 03.7	+0.7
E62A	Clayton Lake	48.29	66	P	P	02 20 03.7	+0.7
HIA	Hailar	48.30	299	I	Amb	02 20 03.9	
HIA	Hailar	48.30	299	P	P	02 20 02.7	-0.3
HIA	Hailar	48.30	299	P	P	02 20 02.7	-0.3
HIA	Hailar	48.30	299	i	P	02 20 02.7	-0.3
HIA	Hailar	48.30	299	P	P	02 20 02.7	-0.3
HIA	Hailar	48.30	299	P	P	02 20 02.7	-0.3
R53A	Hurricane	48.44	83	I	Amb	02 20 02.7	-0.3
R53A	Hurricane	48.44	83	P	P	02 20 02.7	-0.3
R53A	Hurricane	48.44	83	P	P	02 20 04.4	+0.3
VT1	Waterbury	48.46	71	P	P	02 20 25.8	+1.8
BINY	Binghamton	48.48	75	P	P	02 20 04.6	+0.1
BINY	Binghamton	48.48	75	P	P	02 20 05.8	+1.3
MCWV	Mont Chateau	48.48	80	I	Amb	02 20 26.4	
MCWV	Mont Chateau	48.48	80	P	P	02 20 04.1	-0.4
MCWV	Mont Chateau	48.48	80	P	P	02 20 05.3	+0.8
Q54A	Coxs Mills	48.50	82	I	Amb	02 20 30.7	
Q54A	Coxs Mills	48.50	82	P	P	02 20 04.4	-0.2
Q54A	Coxs Mills	48.50	82	P	P	02 20 04.4	-0.2
M57A	Sunshine Farm	48.56	77	I	Amb	02 20 27.4	
M57A	Sunshine Farm	48.56	77	P	P	02 20 05.7	+0.6
M57A	Sunshine Farm	48.56	77	P	P	02 20 05.7	+0.6
342A	Flagon Creek P	48.64	98	I	Amb	02 20 35.8	
SSPA	Standing Stone	48.72	78	P	P	02 20 06.8	+0.6
SSPA	Standing Stone	48.72	78	P	P	02 20 05.7	-0.6
SSPA	Standing Stone	48.72	78	P	P	02 20 07.5	+1.2
SSPA	Standing Stone	48.72	78	P	P	02 20 07.4	+1.1
SSPA	Standing Stone	48.72	78	p	P	02 20 07.3	+1.2
ACCN	Adirondack Com	48.72	72	P	P	02 20 06.9	+0.6
SWET	Sewanee	48.82	89	I	Amb	02 20 29.4	
G62A	West of Eustis	48.86	68	P	P	02 20 07.1	-0.2
G62A	West of Eustis	48.86	68	P	P	02 20 07.1	-0.2
X48A	Hartselle	48.87	91	P	P	02 20 07.3	-0.2
VBMS	Vicksburg	48.88	95	P	P	02 20 08.1	+0.5
HCNY	Howe Caverns	48.88	73	P	P	02 20 07.7	+0.2
LBNH	Lisbon	48.92	70	P	P	02 20 08.0	+0.1
MAJO	Matsushiro	48.94	274	P	P	02 20 07.6	-0.4
MAJO	Matsushiro	48.94	274	P	P	02 20 09.1	+1.1
MAJO	Matsushiro	48.94	274	i	P	02 20 07.9	-0.1
MAJO	Matsushiro	48.94	274	P	P	02 20 07.9	-0.1
MAJO	Matsushiro	48.94	274	P	P	02 20 07.9	-0.1
MAJO	Matsushiro	48.94	274	P	P	02 20 07	

MAKZ	Makanchi	64.89	322	P	P	02 21 59.8	-0.8
MAKZ	Makanchi	64.89	322	P	P	02 21 59.8	-0.8
MAKZ	comp=Z,24nm,0.9s						
MAKZ	Makanchi	64.89	322	P	P	02 22 00.7	+0.1
MAKZ	ISALAK	65.15	1	eP	P	02 22 04.8	+2.8
FOEL	Foel Wyifa	65.18	20	eP	I	02 22 02.0	-0.4
FOEL	comp=Z,45nm,0.6s					02 22 03.1	
BSD	Bornholm Skovb	65.19	8	eP	P	02 22 02.1	-0.2
PABE	Paberze	65.19	2	P	P	02 22 01.8	-0.5
PABE	Paberze	65.19	2	eP	P	02 22 03.1	+0.8
XAN	Xi'an	65.25	295	IP	S	02 22 02.1	-1.0
XAN	comp=Z,80nm,1.5s					02 30 36.4	-3.7
XAN	comp=Z,450nm,6.3s						
XAN	comp=Z,440nm,17.5s						
XAN	comp=Z,400nm,18.4s						
XAN	comp=Z,560nm,18.4s						
XAN	Xi'an	65.25	295	P	P	02 22 02.2	-0.9
OBN	Obninsk	65.37	354	LR	LR	02 54 18.4	
OBN	Obninsk	65.37	354	eP	PP	02 22 03.7	+0.2
OBN	Obninsk	65.37	354	eP	PP	02 22 18.4	+5.8
OBN	Obninsk	65.37	354	eP	PP	02 26 08.0	
OBN	Obninsk	65.37	354	eP	SS	02 30 40.1	-0.7
OBN	Obninsk	65.37	354	eP	SS	02 31 17.6	+1.0
OBN	Obninsk	65.37	354	eP	SS	02 31 51.6	
OBN	comp=Z,13nm,0.6s						
IGCN	Ignalina	65.37	1	eP	P	02 22 06.3	+2.8
IDID	Idizsalis	65.41	0	eP	P	02 22 06.3	+2.6
WHN	Wuhan	65.59	289	IP	P	02 22 04.6	-0.7
WHN	Wuhan	65.59	289	eP	PP	02 22 23.5	-2.5
WHN	Wuhan	65.59	289	eP	PP	02 30 41.9	-2.3
WHN	comp=Z,170nm,0.9s						
WHN	comp=Z,2um,22.7s						
WMQ	Urumqi	65.62	316	eP	P	02 22 06.5	+1.1
WMQ	Urumqi	65.62	316	eP	PP	02 22 41.1	+4.8
WMQ	Urumqi	65.62	316	eP	PP	02 30 44.0	-0.4
WMQ	comp=Z,65nm,1.1s						
WMQ	comp=Z,150nm,4.1s						
WMQ	comp=Z,440nm,17.1s						
WMQ	comp=Z,550nm,21.7s						
WMQ	comp=Z,550nm,23.3s						
RGN	Rugen	65.63	9	P	P	02 22 06.0	+0.8
RGN	comp=Z,101nm,1.0s					02 22 57.9	
RSBS	Rosebush, Pemb	65.81	21	eP	P	02 22 06.7	+0.3
RSBS	comp=Z,60nm,0.8s					02 22 07.5	
NACGM	Naroch	65.82	0	eP	P	02 22 07.3	+0.9
NACGM	comp=E,474nm,1.1s						
LZH	Lanzhou	65.82	300	eP	P	02 22 06.5	-0.5
LZH	Lanzhou	65.82	300	eP	PP	02 22 26.0	-1.7
LZH	Lanzhou	65.82	300	eP	SS	02 30 43.6	-3.7
LZH	Lanzhou	65.82	300	eP	SS	02 35 02.0	-0.4
LZH	comp=E,290nm,1.5s						
LZH	comp=E,730nm,4.1s						
LZH	comp=E,520nm,15.5s						
LZH	comp=E,880nm,16.1s						
LZH	comp=E,690nm,17.5s						
KLNR	Kaliningrad	65.98	40	iP	P	02 22 07.8	+0.4
KLNR	comp=Z,107nm,0.9s						
MCH1	Michaelchurch	66.08	20	eP	I	02 22 08.0	-0.1
MCH1	Michaelchurch	66.08	20	eP	I	02 22 08.8	
MNK	Minsk	66.22	360	iP	P	02 22 10.1	+1.1
MNK	comp=E,1.0nm,0.9s						
MNK	comp=N,32nm,0.9s						
MNK	comp=Z,38nm,0.9s,baz=180						
MNK	Minsk	66.22	360	iP	PP	02 22 27.6	-2.1
MNK	Minsk	66.22	360	iP	PP	02 22 38.5	-0.1
MNK	Minsk	66.22	360	iP	PP	02 24 35.5	+0.6
MNK	Minsk	66.22	360	iP	PP	02 26 10.9	
MNK	Minsk	66.22	360	iP	PP	02 30 53.4	+2.1
MNK	Minsk	66.22	360	iP	PP	02 35 11.6	+4.3
MNK	Minsk	66.22	360	iP	PP	02 38 21.9	+1.9
MNK	Minsk	66.22	360	iP	PP	02 46 32.9	
MNK	Minsk	66.22	360	iP	PP	02 49 22.2	
MNK	Minsk	66.22	360	iP	PP	02 52 21.7	
MNK	comp=Z,233nm,20.4s						
MNK	comp=E,14nm,16.0s						
MNK	comp=N,1um,19.2s						
MNK	Minsk	66.22	360	iP	PP	02 22 10.0	+1.1
MNK	Minsk	66.22	360	iP	PP	02 22 27.6	-2.1
MNK	Minsk	66.22	360	iP	PP	02 22 38.5	-0.1
MNK	Minsk	66.22	360	iP	PP	02 24 35.5	+0.6
MNK	Minsk	66.22	360	iP	PP	02 26 10.9	
MNK	Minsk	66.22	360	iP	PP	02 30 53.4	+2.1
MNK	Minsk	66.22	360	iP	PP	02 35 11.6	+4.3
MNK	Minsk	66.22	360	iP	PP	02 38 21.9	+1.9
MNK	Minsk	66.22	360	iP	PP	02 46 32.9	
MNK	Minsk	66.22	360	iP	PP	02 49 22.2	
MNK	Minsk	66.22	360	iP	PP	02 52 21.7	
MNK	comp=Z,233nm,20.4s						
MNK	comp=E,14nm,16.0s						
MNK	comp=N,1um,19.2s						
MNK	Minsk	66.22	360	iP	PP	02 22 10.0	+1.1
MNK	Minsk	66.22	360	iP	PP	02 22 27.6	-2.1
MNK	Minsk	66.22	360	iP	PP	02 22 38.5	-0.1
MNK	Minsk	66.22	360	iP	PP	02 24 35.5	+0.6
MNK	Minsk	66.22	360	iP	PP	02 26 10.9	
MNK	Minsk	66.22	360	iP	PP	02 30 53.4	+2.1
MNK	Minsk	66.22	360	iP	PP	02 35 11.6	+4.3
MNK	Minsk	66.22	360	iP	PP	02 38 21.9	+1.9
MNK	Minsk	66.22	360	iP	PP	02 46 32.9	
MNK	Minsk	66.22	360	iP	PP	02 49 22.2	
MNK	Minsk	66.22	360	iP	PP	02 52 21.7	
MNK	comp=Z,233nm,20.4s						
MNK	comp=E,14nm,16.0s						
MNK	comp=N,1um,19.2s						
MNK	Minsk	66.22	360	iP	PP	02 22 10.0	+1.1
MNK	Minsk	66.22	360	iP	PP	02 22 27.6	-2.1
MNK	Minsk	66.22	360	iP	PP	02 22 38.5	-0.1
MNK	Minsk	66.22	360	iP	PP	02 24 35.5	+0.6
MNK	Minsk	66.22	360	iP	PP	02 26 10.9	
MNK	Minsk	66.22	360	iP	PP	02 30 53.4	+2.1
MNK	Minsk	66.22	360	iP	PP	02 35 11.6	+4.3
MNK	Minsk	66.22	360	iP	PP	02 38 21.9	+1.9
MNK	Minsk	66.22	360	iP	PP	02 46 32.9	
MNK	Minsk	66.22	360	iP	PP	02 49 22.2	
MNK	Minsk	66.22	360	iP	PP	02 52 21.7	
MNK	comp=Z,233nm,20.4s						
MNK	comp=E,14nm,16.0s						
MNK	comp=N,1um,19.2s						
MNK	Minsk	66.22	360	iP	PP	02 22 10.0	+1.1
MNK	Minsk	66.22	360	iP	PP	02 22 27.6	-2.1
MNK	Minsk	66.22	360	iP	PP	02 22 38.5	-0.1
MNK	Minsk	66.22	360	iP	PP	02 24 35.5	+0.6
MNK	Minsk	66.22	360	iP	PP	02 26 10.9	
MNK	Minsk	66.22	360	iP	PP	02 30 53.4	+2.1
MNK	Minsk	66.22	360	iP	PP	02 35 11.6	+4.3
MNK	Minsk	66.22	360	iP	PP	02 38 21.9	+1.9
MNK	Minsk	66.22	360	iP	PP	02 46 32.9	
MNK	Minsk	66.22	360	iP	PP	02 49 22.2	
MNK	Minsk	66.22	360	iP	PP	02 52 21.7	
MNK	comp=Z,233nm,20.4s						
MNK	comp=E,14nm,16.0s						
MNK	comp=N,1um,19.2s						
MNK	Minsk	66.22	360	iP	PP	02 22 10.0	+1.1
MNK	Minsk	66.22	360	iP	PP	02 22 27.6	-2.1
MNK	Minsk	66.22	360	iP	PP	02 22 38.5	-0.1
MNK	Minsk	66.22	360	iP	PP	02 24 35.5	+0.6
MNK	Minsk	66.22	360	iP	PP	02 26 10.9	
MNK	Minsk	66.22	360	iP	PP	02 30 53.4	+2.1
MNK	Minsk	66.22	360	iP	PP	02 35 11.6	+4.3
MNK	Minsk	66.22	360	iP	PP	02 38 21.9	+1.9
MNK	Minsk	66.22	360	iP	PP	02 46 32.9	
MNK	Minsk	66.22	360	iP	PP	02 49 22.2	
MNK	Minsk	66.22	360	iP	PP	02 52 21.7	
MNK	comp=Z,233nm,20.4s						
MNK	comp=E,14nm,16.0s						
MNK	comp=N,1um,19.2s						
MNK	Minsk	66.22	360	iP	PP	02 22 10.0	+1.1
MNK	Minsk	66.22	360	iP	PP	02 22 27.6	-2.1
MNK	Minsk	66.22	360	iP	PP	02 22 38.5	-0.1
MNK	Minsk	66.22	360	iP	PP	02 24 35.5	+0.6
MNK	Minsk	66.22	360	iP	PP	02 26 10.9	
MNK	Minsk	66.22	360	iP	PP	02 30 53.4	+2.1
MNK	Minsk	66.22	360	iP	PP	02 35 11.6	+4.3
MNK	Minsk	66.22	360	iP	PP	02 38 21.9	+1.9
MNK	Minsk	66.22	360	iP	PP	02 46 32.9	
MNK	Minsk	66.22	360	iP	PP	02 49 22.2	
MNK	Minsk	66.22	360	iP	PP	02 52 21.7	
MNK	comp=Z,233nm,20.4s						
MNK	comp=E,14nm,16.0s						
MNK	comp=N,1um,19.2s						
MNK	Minsk	66.22	360	iP	PP	02 22 10.0	+1.1
MNK	Minsk	66.22	360	iP	PP	02 22 27.6	-2.1
MNK	Minsk	66.22	360	iP	PP	02 22 38.5	-0.1
MNK	Minsk	66.22	360	iP	PP	02 24 35.5	+0.6
MNK	Minsk	66.22	360	iP	PP	02 26 10.9	
MNK	Minsk	66.22	360	iP	PP	02 30 53.4	+2.1
MNK	Minsk	66.22	360	iP	PP	02 35 11.6	+4.3
MNK	Minsk	66.22	360	iP	PP	02 38 21.9	+1.9
MNK	Minsk	66.22	360	iP	PP	02 46 32.9	
MNK	Minsk	66.22	360	iP	PP	02 49 22.2	
MNK	Minsk	66.22	360	iP	PP	02 52 21.7	
MNK	comp=Z,233nm,20.4s						
MNK	comp=E,14nm,16.0s						
MNK	comp=N,1um,19.2s						
MNK	Minsk	66.22	360	iP	PP	02 22 10.0	+1.1
MNK	Minsk	66.22	360	iP	PP	02 22 27.6	-2.1
MNK	Minsk	66.22	360	iP	PP	02 22 38.5	-0.1
MNK	Minsk	66.22	360	iP	PP	02 24 35.5	+0.6
MNK	Minsk	66.22	360	iP	PP	02 26 10.9	
MNK	Minsk	66.22	360	iP	PP	02 30 53.4	+2.1
MNK	Minsk	66.22	360	iP	PP	02 35 11.6	+4.3
MNK	Minsk	66.22	360	iP	PP	02 38 21.9	+1.9
MNK	Minsk	66.22	360	iP	PP	02 46 32.9	
MNK	Minsk	66.22	360	iP	PP	02 49 22.2	
MNK	Minsk	66.22	360	iP	PP	02 52 21.7	
MNK	comp=Z,233nm,20.4s						
MNK	comp=E,14nm,16.0s						
MNK	comp=N,1um,19.2s						
MNK	Minsk	66.22	360	iP	PP	02 22 10.0	+1.1

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Table with columns: PSBE, So Bento, 76.82, 28, eP, A, P, 02 23 14.0, +1.0, 02 23 36.6, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like ROSC, KBL, SHL, GUN, NAX, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like AAI, SGCB, DZM, DZM, DZM, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like QSPA, QSPA, QSPA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like ISK, GPNR, BOZC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like ROM, T1214, T1214, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like T1214, T1214, T1214, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like T1214, T1214, T1214, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like T1214, T1214, T1214, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like T1214, T1214, T1214, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like T1214, T1214, T1214, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like T1214, T1214, T1214, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like T1214, T1214, T1214, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like T1214, T1214, T1214, etc.

SML	Sawmill	10.11	45	Pn	02 58 42.0	-2.9	A21K	Barrow	16.17	8	P	Pn	03 00 01.3	+0.3	ELK	Elko	34.67	95	P	P	03 02 57.5	+1.1
SML	Sawmill	10.11	45	P	02 58 42.9	-2.0	E27K	Coleen River	16.25	30	P	P	03 00 01.2	-0.6	ELK	Elko	34.67	95	P	Iamb	03 02 59.4	
CHUM	Lake Minchumin	10.12	29	P	02 58 46.5	+1.5	M31M	Drury Creek, Y	16.38	54	P	Pn	03 00 03.5	-0.2	H17A	Grand Village	34.99	86	P	P	03 03 59.2	0.0
KTH	Kantishna Hill	10.28	33	Pn	02 58 47.8	+0.6	P32M	Atlin	16.43	63	P	P	03 00 03.5	-0.3	RLMT	Red Lodge	35.29	84	P	Iamb	03 03 02.2	+0.6
TNA	Tin City	10.33	350	Pn	02 58 48.4	+0.6	C26K	Camden Bay	16.67	23	P	Pn	03 00 07.3	+0.3	RLMT	Red Lodge	35.29	84	P	Iamb	03 03 04.8	
TNA	Tin City	10.33	350	P	02 58 48.0	+0.2	C27K	Jago River	16.72	24	P	P	03 00 07.6	0.0	RLMT	Red Lodge	35.29	84	P	Iamb	03 03 03.2	+1.5
M23K	Glacier View	10.35	46	P	02 58 46.6	-1.5	EPYK	Eagle Plains	16.80	39	P	P	03 00 08.2	+0.4	TPH	Topopah Spring	35.57	100	P	P	03 03 03.1	+0.7
SCM	Sheep Creek Mo	10.53	46	Pn	02 58 47.7	-2.8	N32M	Quiet Lake	16.84	58	P	P	03 00 08.1	-0.1	HVU	Hansel Valley	35.39	91	P	Iamb	03 03 03.5	+1.1
SCM	Sheep Creek Mo	10.53	46	P	02 58 48.6	-1.9	FARO	Faro, Yukon	16.86	54	P	Pn	03 00 10.1	+0.6	HVU	Hansel Valley	35.39	91	P	Iamb	03 03 05.4	
BPAW	Bear Paw Mtn.	10.66	31	Pn	02 58 51.8	-0.4	P33M	Teslin, Yukon	16.90	61	P	Pn	03 00 11.2	+1.2	BGU	Big Grassy Mtn	35.80	92	P	P	03 03 07.1	+1.1
BPAW	Bear Paw Mtn.	10.66	31	P	02 58 52.6	+0.4	P33M	Teslin, Yukon	16.90	61	P	Pn	03 00 10.1	+0.1	VES	Vestal, Richgr	35.94	104	P	P	03 03 08.1	+1.1
EYAK	Cordova Ski Ar	10.67	54	Pn	02 58 49.6	-2.6	CRAG	Craig	17.15	77	P	Pn	03 00 21.7	+8.9	Q12A	Willow Creek R	36.05	96	P	Iamb	03 03 08.6	+0.5
EYAK	Cordova Ski Ar	10.67	54	P	02 58 50.3	-1.9	Q32M	Nakina River	17.17	66	P	P	03 00 12.8	-0.6	Q12A	Willow Creek R	36.05	96	P	Iamb	03 03 10.7	
EYAK	Cordova Ski Ar	10.67	54	P	02 58 50.1	-2.1	G30M	IAoh Zraii Nji	17.27	37	P	P	03 00 11.9	-0.9	GRAC	Grapevine Rang	36.06	101	P	P	03 03 08.7	+0.6
KLU	Klutina	10.96	50	Pn	02 58 54.2	-1.9	WRAK	Wrangell Islan	17.39	74	P	P	03 00 14.7	+0.4	CWC	Cottonwood Cre	36.06	103	P	P	03 03 09.4	+1.2
KLU	Klutina	10.96	50	P	02 58 54.5	-1.6	S34M	Telegraph Cree	17.84	69	P	P	03 00 18.9	-0.3	LAO	LASA Array	36.08	80	P	P	03 03 09.8	+1.6
MCK	McKinley	11.05	36	Pn	02 58 56.4	-0.7	MMPY	Sheldon Lake	17.89	53	P	P	03 00 19.7	0.0	R11A	Troy Canyon, C	36.10	98	P	Iamb	03 03 09.7	+1.2
MCK	McKinley	11.05	36	P	02 58 56.7	-0.4	F31M	Tsigehtchic	18.34	37	P	P	03 00 22.8	-1.6	R11A	Troy Canyon, C	36.10	98	P	Iamb	03 03 09.8	+1.2
M24K	Tolsona, Glenn	11.14	46	P	02 58 57.0	-1.4	DLBC	Dease Lake	18.37	67	P	Pn	03 00 26.4	-0.9	HGWT	Hardware Ranch	36.19	90	P	P	03 03 10.4	+1.1
M24K	Tolsona, Glenn	11.14	46	P	02 58 57.4	-1.0	DLBC	Dease Lake	18.37	67	P	Iamb	03 00 26.1	+1.1	DGMT	Dagmar	36.19	96	P	P	03 03 10.8	+1.8
BWN	Browne	11.18	33	Ph	02 58 59.1	+0.4	DLBC	Dease Lake	18.37	67	P	Iamb	03 00 26.1	+1.1	PKM	Mcpherson Peak	36.24	106	P	P	03 03 10.9	+1.1
I21K	Tanana	11.24	26	Pn	02 58 59.7	+0.1	DLBC	Dease Lake	18.37	67	P	Iamb	03 00 26.1	+1.1	FCC	Fort Churchill	36.29	56	P	Iamb	03 03 10.2	+0.5
I21K	Tanana	11.24	26	P	02 59 00.8	+1.2	DLBC	Dease Lake	18.37	67	P	Iamb	03 00 26.1	+1.1	FCC	Fort Churchill	36.29	56	P	Iamb	03 03 11.3	
MLY	Manley	11.44	28	Pn	02 59 02.1	-0.1	DLBC	Dease Lake	18.37	67	P	Iamb	03 00 27.2	-0.1	ISA	Isabella, Lake	36.41	104	P	P	03 03 12.2	+1.1
MLY	Manley	11.44	28	P	02 59 03.3	+1.1	DLBC	Dease Lake	18.37	67	P	Iamb	03 00 27.1	-1.0	DUG	Dugway, Tooele	36.41	93	P	Iamb	03 03 12.6	+1.4
H21K	Melozitna Rive	11.45	23	Pn	02 59 03.9	+1.7	T35M	Gold Quine	18.44	72	P	Pn	03 00 27.1	-1.0	DUG	Dugway, Tooele	36.41	93	P	Iamb	03 03 12.5	+1.4
H21K	Melozitna Rive	11.45	23	P	02 59 03.2	+1.0	DLBC	Dease Lake	18.37	67	P	Iamb	03 00 27.2	-0.1	DUG	Dugway, Tooele	36.41	93	P	Iamb	03 03 12.5	+1.4
IMAR	Indian Mountai	11.53	20	Pn	02 59 02.9	-0.5	DLBC	Dease Lake	18.37	67	P	Iamb	03 00 27.2	-0.1	DUG	Dugway, Tooele	36.41	93	P	Iamb	03 03 12.5	+1.4
N25K	Chitina, Valde	11.59	50	Pn	02 59 02.6	-1.6	BILL	Bilibino	18.77	324	P	P	03 00 29.3	+0.2	DUG	Dugway, Tooele	36.41	93	P	Iamb	03 03 12.5	+1.4
NEA2	Nenana	11.60	32	Pn	02 59 03.3	-0.8	INK	Inuvik	18.81	35	P	P	03 00 28.0	-1.5	DUG	Dugway, Tooele	36.41	93	P	Iamb	03 03 12.5	+1.4
NEA2	Nenana	11.60	32	P	02 59 03.4	-0.8	INK	Inuvik	18.81	35	P	P	03 00 28.0	-1.5	BW06	Boulder Array	36.58	87	P	P	03 03 13.5	+0.9
WRH	Wood River Hill	11.82	34	Pn	02 59 05.1	-1.9	INK	Inuvik	18.81	35	P	P	03 00 27.6	-1.9	PD31	Pinedale Array	36.58	87	P	P	03 03 13.4	+0.8
PAX	Paxson	11.85	44	Pn	02 59 07.0	-0.5	INK	Inuvik	18.81	35	P	P	03 00 27.6	-1.9	PDAR	Pinedale Array	36.58	87	P	P	03 03 13.8	+1.1
I23K	Minto, Yukon-K	11.91	30	Pn	02 59 08.0	-0.2	INK	Inuvik	18.81	35	P	P	03 00 27.6	-1.9	PDAR	Pinedale Array	36.58	87	P	P	03 03 13.8	+1.1
I23K	Minto, Yukon-K	11.91	30	P	02 59 08.3	-0.1	INK	Inuvik	18.81	35	P	P	03 00 27.6	-1.9	PDAR	Pinedale Array	36.58	87	P	P	03 03 13.8	+1.1
H22K	Ishatitna Cre	11.97	25	P	02 59 09.1	+0.2	WTLY	Watson Lake, Y	18.91	62	P	P	03 00 31.7	+0.9	PDAR	Pinedale Array	36.58	87	P	P	03 03 14.0	+1.4
CCB	Clear Creek Bu	12.03	34	Pn	02 59 07.7	-1.9	WTLY	Watson Lake, Y	18.91	62	P	P	03 00 31.7	+0.9	WCD	Wildcat Mouna	36.62	101	P	P	03 03 13.6	+0.8
G21K	Allakaket	12.05	19	Pn	02 59 10.8	+0.8	WTLY	Watson Lake, Y	18.91	62	P	P	03 00 30.6	-0.2	IMPC	Manual Prospec	36.66	103	P	P	03 03 14.9	+1.5
MDM	Murphy Dome	12.11	32	Pn	02 59 08.8	-1.9	KOTAN	Kotaneleele Air	21.28	61	P	P	03 00 56.1	0.0	TPNV	Topopah Spring	36.72	100	P	P	03 03 14.9	+1.2
TCOL	CIGLO, UAF Yank	12.16	33	Pn	02 59 09.7	-1.7	C36M	Paulatuk	22.37	36	P	Iamb	03 01 04.5	-2.3	TPNV	Topopah Spring	36.72	100	P	P	03 03 15.8	+2.1
K24K	Donnelly Dome	12.19	40	Pn	02 59 11.5	-0.3	C36M	Paulatuk	22.37	36	P	Iamb	03 01 04.5	-2.3	FURC	Furnace Creek	36.72	101	P	P	03 03 15.7	+2.1
MCARA	McCarthy VSAT	12.21	53	Pn	02 59 11.6	-0.4	C36M	Paulatuk	22.37	36	P	Iamb	03 01 05.6	-1.2	LRMC	Lauri Mtn Rad	36.98	103	P	P	03 03 16.9	+0.9
H23K	Yukon River	12.28	28	Pn	02 59 15.4	+1.3	PEA0B	Petropavlovsk-	22.57	280	P	P	03 01 07.0	-1.9	NLU	North Lily Mtn	36.99	93	P	Iamb	03 03 17.3	+1.2
H23K	Yukon River	12.28	28	P	02 59 15.1	+1.0	PETK	Petropavlovsk-	22.57	280	P	P	03 01 08.2	-0.6	NLU	North Lily Mtn	36.99	93	P	Iamb	03 03 18.6	
IL31	Elison Array	12.41	35	Pn	02 59 11.6	-2.9	PETK	Petropavlovsk-	22.57	280	P	P	03 01 08.2	-0.6	GWY	Greenwater Val	37.03	102	P	Iamb	03 03 17.4	+1.0
ILAR	Elison Array	12.41	35	P	02 59 13.0	-1.5	PETK	Petropavlovsk-	22.57	280	P	P	03 01 08.2	-0.6	GWY	Greenwater Val	37.03	102	P	Iamb	03 03 19.1	
ILAR	Elison Array	12.41	35	P	03 01 28.4	-3.8	A36M	Sachs Harbour	23.00	30	P	P	03 01 12.4	-0.1	PRN	Phroh Rang	37.06	99	P	Iamb	03 03 18.1	+1.5
ILAR	Elison Array	12.41	35	P	03 07 54.0	+0.1	A36M	Sachs Harbour	23.00	30	P	P	03 01 12.2	-0.3	PRN	Phroh Rang	37.06	99	P	Iamb	03 03 19.6	
POKR	Poker Plat Res	12.46	33	Pn	02 59 13.5	-1.7	A36M	Sachs Harbour	23.00	30	P	P	03 01 12.2	-0.3	QSM	Queen of Sheba	37.08	102	P	Iamb	03 03 18.1	+1.4
POKR	Poker Plat Res	12.46	33	P	02 59 13.6	-1.6	A36M	Sachs Harbour	23.00	30	P	P	03 01 12.2	-0.3	QSM	Queen of Sheba	37.08	102	P	Iamb	03 03 19.4	
RIDG	Independent Ri	12.50	41	P	02 59 14.8	-1.0	MA2	Magadan	24.50	298	P	P	03 01 26.6	+0.4	EDW2	Edwards Air Fo	37.25	104	P	P	03 03 18.9	+0.7
RDG	Red Dog Mine	12.61	1	Pn	02 59 18.0	+1.0	MA2	Magadan	24.50	298	P	P	03 01 26.6	+0.4	BSUT	Blindstream Ca	37.35	91	P	Iamb	03 03 20.1	+0.8
F21K	Alatina River	12.69	18	Pn	02 59 19.3	+1.3	HILA	High Level	25.09	94	P	P	03 01 30.5	+1.2	BSUT	Blindstream Ca	37.35	91	P	Iamb	03 03 21.7	
H24K	Noodor Dome	12.84	30	Pn	02 59 19.1	-1.0	YKA	Yellowknife Ar	25.58	54	P	P	03 01 36.5	+0.5	DECC	Green Verdugo	37.53	105	P	P	03 03 21.5	+1.0
H24K	Noodor Dome	12.84	30	P	02 59 18.9	-1.1	YKA	Yellowknife Ar	25.58	54	P	P	03 02 14.6	+1.6	GSC	Goldstone, Bar	37.60	103	P	Iamb	03 03 22.2	+1.1
G23K	Bananza Creek	12.96	24	Pn	02 59 22.7	+1.2	YKA	Yellowknife Ar	25.58	54	P	P	03 02 14.6	+1.6	GSC	Goldstone, Bar	37.60	103	P	Iamb	03 03 23.4	
M27K	Edge Creek, AK	13.07	49	Pn	02 59 23.2	+0.2	YKA	Yellowknife Ar	25.58	54	P	P	03 02 14.6	+1.6	GSC	Goldstone, Bar	37.60	103	P	Iamb	03 03 22.5	+1.4
PNM	Pinnacle	13.19	60	Pn	02 59 24.3	-0.2	YKA	Yellowknife Ar	25.58	54	P	P	03 02 14.6	+1.6	GSC	Goldstone, Bar	37.60	103	P	Iamb	03 03 22.5	+1.4
COLD	Coldfoot	13.34	23	Pn	02 59 27.0	+0.7	YKA	Yellowknife Ar	25.58	54	P	P	03 01 36.0	+1.1	GSC	Goldstone, Bar	37.60	103	P	Iamb	03 03 22.5	+1.4
COLD	Coldfoot	13.34	23	P	02 59 27.1	+0.8	YKA	Yellowknife Ar	25.58	54	P	P	03 01 53.0	+2.0	BFSC	Mount Baldy Ra	37.91	105	P	P	03 03 25.4	+1.8
O28M	Mount Upton	13.36	57	Pn	02 59 26.5	-0.3	YKA	Yellowknife Ar	25.58	54	P	P	03 02 01.9		MSU	Marysville	37.91	95	P	P	03 03 24.1	+0.2
YUK3	Moose Creek	13.50	53	Pn	02 59 28.1	-0.4	HOOD	Mount Hood Mea	28.14	94	P	P	03 02 01.9		TUQ	Turquoise Moun	37.					

2d 3h

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like WUAZ Wupatki, ISCO Idaho Springs, AGMN Agass Nation, etc.

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like MKAR Makanchi Array, MKAR WMQ Urumqi, PZH PanZhiHua, etc.

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like L27K Beaver Creek, L27K Mount Kennedy, L27K Mount Kennedy, etc.

THE 02:03:05:09.7, 39:51N-26:05E, h7km, 1km, ML2.3/7, Error ellipse: s-maj=1.9km s-min=0.5km az=167.0 DDA 02:03:05:09.9, 39:53N-26:12E, h10km, ML2.5 ISK 02:03:05:09.1, 39:51N-26:05E, h9km, ML2.5/22 ATH 02:03:05:10.2, 39:49N-26:07E, h14km, 2km, ML2.4/3, Error ellipse: s-maj=3.3km s-min=1.2km az=223.0 ISC 02:03:05:09.7, 0.8, 39.50N-26:02E:0.02, h12km, 5km, n58, c0f:49.2, Turkey

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
KOCA	Canakkale, Ayy	0.05	92	P	ISC	03 05 12.1 +0.1	
KOCA	Canakkale			P	ISC	03 05 13.5 +0.1	
GPNR	Gulpinar-Canak	0.07	134	P	ISC	03 05 11.8 -0.3	
GPNR	Gulpinar			P	ISC	03 05 12.5 +0.1	
PRK	Paraskevi	0.30	148	S	ISC	03 05 16.1 +0.3	
PRK	Paraskevi			S	ISC	03 05 20.6 +0.7	
PRK	Paraskevi	1.00	0.3s	P	ISC	03 05 16.0 +0.2	
PRK	Paraskevi			S	ISC	03 05 20.7 +0.7	
PRK	Paraskevi	comp=N,2612μm,0.3s		AML	AML	03 05 21.0	
PRK	Paraskevi	comp=N,1952μm,0.2s		AML	AML	03 05 21.2	
SIGR	SIGRI	0.34	210	P	ISC	03 05 16.4 0.0	
SIGR	SIGRI			S	ISC	03 05 21.1 +0.1	
SIGR	SIGRI	0.34	210	P	ISC	03 05 16.4 0.0	
SIGR	SIGRI			S	ISC	03 05 21.2 +0.3	
SIGR	SIGRI	0.34	210	P	ISC	03 05 21.0 +0.1	
SIGR	SIGRI			S	ISC	03 05 21.0 +0.1	
SIGR	SIGRI	comp=N,1734μm,0.2s		AML	AML	03 05 21.8	
SIGR	SIGRI	comp=E,1416μm,0.2s		AML	AML	03 05 21.8	
BOZC	Bozcaada	0.34	358	P	ISC	03 05 16.6 +0.1	
BOZC	Bozcaada			S	ISC	03 05 21.9 +0.8	
BOZC	Bozcaada	0.34	358	P	ISC	03 05 16.6 +0.1	
BOZC	Bozcaada			S	ISC	03 05 16.6 +0.1	
BOZC	Bozcaada	0.34	358	P	ISC	03 05 16.6 +0.1	
BOZC	Bozcaada			S	ISC	03 05 21.4 +0.3	
BOZC	Bozcaada	comp=N,1734μm,0.2s		AML	AML	03 05 22.0	
BOZC	Bozcaada	comp=E,579nm,0.3s		AML	AML	03 05 22.0	
BOZC	Bozcaada	comp=E,593nm,0.3s		AML	AML	03 05 22.0	
BOZC	Bozcaada	comp=E,502nm,0.3s		AML	AML	03 05 22.0	
EZN	Ezine	0.38	32	P	ISC	03 05 17.2 0.0	
EZN	Ezine			S	ISC	03 05 22.7 +0.4	
EZN	Ezine	0.38	32	P	ISC	03 05 17.2 0.0	
EZN	Ezine			S	ISC	03 05 22.6 +0.3	
BAYC	CANAKKALE_Bayr	0.44	57	P	ISC	03 05 18.1 -0.2	
BAYC	CANAKKALE_Bayr			S	ISC	03 05 23.2 -1.0	
AYVA	Ayvalik	0.52	112	P	ISC	03 05 20.0 +0.1	
ECEA	Canakkale, Ece	0.55	9	P	ISC	03 05 19.5 -0.9	
COCA	Canakkale	0.67	28	P	ISC	03 05 22.6 -0.1	
GOKA	anakkale-G	0.70	350	P	ISC	03 05 22.8 -0.4	
GOKA	anakkale-G			S	ISC	03 05 36.0	
GADA	Givgeada	0.70	349	P	ISC	03 05 22.9 -0.3	
BUHA	Baliklesir, Bur	0.78	90	P	ISC	03 05 24.6 -0.2	
BUHA	Baliklesir, Bur			S	ISC	03 05 34.0 -0.8	
DKA	Dikili	0.78	123	P	ISC	03 05 25.4 +0.2	
LIA	Limnos Island	0.79	300	P	ISC	03 05 25.0 +0.1	
LIA	Limnos Island			S	ISC	03 05 35.5 +0.3	
LIA	Limnos Island	0.79	300	P	ISC	03 05 24.9 0.0	
LIA	Limnos Island			S	ISC	03 05 37.2 +1.2	
LIA	Limnos Island	comp=N,589μm,0.3s		AML	AML	03 05 38.3	
LIA	Limnos Island	comp=N,748μm,0.3s		AML	AML	03 05 39.2	
KARB	zmir-Karabur	0.88	162	P	ISC	03 05 26.8 +0.1	
KARB	zmir-Karabur			S	ISC	03 05 37.9 -0.3	
KARB	zmir-Karabur	comp=N,125nm,0.2s		AML	AML	03 05 40.0	
CANM	Canakkale	0.91	56	P	ISC	03 05 27.7 +0.3	
GELI	Tayfur-Gelibol	0.95	19	P	ISC	03 05 27.5 -0.4	
ZEDA	zmir-Bergama	0.95	124	P	ISC	03 05 27.8 -0.2	
LPK	Lapseki	1.02	31	P	ISC	03 05 28.9 -0.4	
PSRA	Psara	1.04	202	P	ISC	03 05 29.8 +0.2	
SMTH	Samothraki Isl	1.05	337	S	ISC	03 05 29.4 -0.5	
SMTH	Samothraki Isl			S	ISC	03 05 43.5 -0.1	
SMTH	Samothraki Isl	1.05	337	P	ISC	03 05 29.3 -0.5	
CHOS	Chios island	1.12	181	P	ISC	03 05 30.2 -0.8	
CHOS	Chios island			S	ISC	03 05 47.1 +0.6	
CHOS	Chios island	1.12	181	Pn	ISC	03 05 30.4 -0.6	
CHOS	Chios island			Pn	ISC	03 05 30.4 -0.6	
ERIK	Erikli-Kesan	1.21	16	Pn	ISC	03 05 32.0 -0.5	
URLA	Izmir	1.21	160	Pn	ISC	03 05 31.7 -0.8	
URLA	Izmir			S	ISC	03 05 31.8 -0.8	
URLA	Izmir	1.21	160	S	ISC	03 05 47.3 -0.9	
URLA	Izmir	comp=N,81nm,0.9s		AML	AML	03 05 55.0	
BALY	Balya	1.22	78	P	ISC	03 05 31.8 -0.8	
BALY	Balya			S	ISC	03 05 47.6 -0.9	
BALY	Balya	comp=N,100nm,0.7s		AML	AML	03 05 50.0	
ENEZ	Enez	1.23	3	Pn	ISC	03 05 32.4 -0.3	
STEP	BALIKESIR_Sava	1.28	95	P	ISC	03 05 33.7 +0.2	
STEP	BALIKESIR_Sava			S	ISC	03 05 52.6 +0.2	
KRBG	Karabiga-Canak	1.30	46	Pn	ISC	03 05 33.0 0.0	
ZEYE	Izmir, Urla-Ze	1.31	165	P	ISC	03 05 33.7 -0.1	
ZEYE	Izmir, Urla-Ze			S	ISC	03 05 57.0	
BLCE	Balçova	1.35	145	Pn	ISC	03 05 35.1 +0.2	
GONE	Gonen-Baliklesir	1.36	66	Pn	ISC	03 05 34.6 -0.1	
ALN	Alexandroupoli	1.39	359	S	ISC	03 05 34.7 -0.2	
ALN	Alexandroupoli			S	ISC	03 05 52.7 -0.6	
ALN	Alexandroupoli	comp=N,55nm,1.1s		AML	AML	03 05 35.4 +0.5	
ALN	Alexandroupoli	1.39	359	Pn	ISC	03 05 35.0 +0.1	
KESN	Edirne-Kesan	1.40	19	Pn	ISC	03 05 35.2 -0.2	
BALB	Baliklesir	1.41	84	Pn	ISC	03 05 35.7 +0.6	
BKES	Baliklesir-Mer	1.46	80	Pn	ISC	03 05 37.2 +0.5	
RKY	Sarkoy-Tekirda	1.46	35	Pn	ISC	03 05 36.5 +0.6	
THAS	Thassos island	1.51	317	Pn	ISC	03 05 34.2 -0.4	
EDC	Edincik	1.62	58	Pn	ISC	03 05 38.5 +0.5	
RDO	Rodhopi	1.69	346	Pn	ISC	03 05 39.0 0.0	
RDO	Rodhopi			Pn	ISC	03 05 39.0 0.0	
RDO	Rodhopi	1.69	346	Pn	ISC	03 05 38.8 -0.2	
TKR	Tekirdag	1.86	37	Pn	ISC	03 05 41.9 +0.5	
KCKT	Karacabey (Bur	1.92	66	Pn	ISC	03 05 42.6 +0.1	
CRLT	Corlu	2.06	38	Pn	ISC	03 05 45.1 +0.9	
KULA	Kula-Manisa	2.25	115	Pn	ISC	03 05 47.9 +1.1	

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
BCI	Bajram Curri	0.47	353	P	ISC	03 04 15.7 -0.3	
BCI	Bajram Curri			P	ISC	03 04 15.7 -0.3	
TIR	Tirane	0.58	201	Pb	ISC	03 42 20.1 -0.1	
TIR	Tirane			Pb	ISC	03 42 18.9 -0.4	
TIR	Tirane	0.58	201	Pb	ISC	03 42 27.1 -0.6	
TIR	Tirane			Pb	ISC	03 42 18.9 -0.4	
TIR	Tirane	0.58	201	Pb	ISC	03 42 18.9 -0.4	
ULC	Ulcinj	0.67	276	Pb	ISC	03 42 19.2 -0.5	
ULC	Ulcinj			Pb	ISC	03 42 19.4 -0.3	
ULC	Ulcinj	0.67	276	Pb	ISC	03 42 30.1 -0.3	
ULC	Ulcinj			Pb	ISC	03 42 20.1 -0.4	
ULC	Ulcinj	0.71	349	Pb	ISC	03 42 31.1 +1.3	
PRVE	Dracevica, Mon	0.77	293	Pb	ISC	03 42 22.0 -1.1	
DRME	Dracevica, Mon			Pb	ISC	03 42 22.2 +0.6	
DRME	Dracevica, Mon	0.77	293	Pb	ISC	03 42 20.8 -0.8	
DRME	Dracevica, Mon			Pb	ISC	03 42 23.4 +0.2	
DRME	Dracevica, Mon	0.85	309	Pb	ISC	03 42 22.0 -1.1	
PDG	Podgorica	0.85	309	Pb	ISC	03 42 22.0 -1.1	
PDG	Podgorica			Pb	ISC	03 42 34.9 -0.8	
PDG	Podgorica	0.85	309	Pb	ISC	03 42 21.9 -1.1	
PDG	Podgorica			Pb	ISC	03 42 35.8 +0.3	
PDG	Podgorica	0.85	309	Pb	ISC	03 42 21.9 -1.1	
PDG	Podgorica			Pb	ISC	03 42 35.7 +0.3	
SKO	Skopje	0.97	85	Pb	ISC	03 42 25.1 -0.3	
SKO	Skopje			Pb	ISC	03 42 30.0 +0.1	
SKO	Skopje	0.97	85	Pb	ISC	03 42 24.9 -0.4	
SKO	Skopje			Pb	ISC	03 42 38.8 -0.1	
SKO	Skopje	0.99	349	Pb	ISC	03 42 24.6 -1.2	
SKO	Skopje			Pb	ISC	03 42 25.2 -0.6	
SKO	Skopje	0.99	349	Pb	ISC	03 42 19.2 -1.2	
SKO	Skopje			Pb	ISC	03 42 25.7 -0.5	
SKO	Skopje	1.01	294	Pb	ISC	03 42 41.7 -0.3	
SKO	Skopje			Pb	ISC	03 42 25.9 -1.3	
SKO	Skopje	1.06	334	Pb	ISC	03 42 42.4 +0.7	
SKO	Skopje			Pb	ISC	03 42 26.8 -1.4	
SKO	Skopje	1.12	306	Pb	ISC	03 42 44.2 -0.2	
SKO	Skopje			Pb	ISC	03 42 44.2 -0.2	
SKO	Skopje	1.24	315	Pb	ISC	03 42 29.1 -1.4	
SKO	Skopje			Pb	ISC	03 42 48.7 +1.2	
SKO	Skopje	1.34	295	Pb	ISC	03 42 30.9 -1.0	
SKO	Skopje			Pb	ISC	03 42 39.3 -0.4	
SKO	Skopje	1.34	295	Pb	ISC	03 42 31.4 -0.9	
SKO	Skopje			Pb	ISC	03 42 51.8 +1.8	
SKO	Skopje	1.37	355	Pb	ISC	03 42 32.0 -0.4	
SKO	Skopje			Pb	ISC	03 42 51.2 +0.6	
SKO	Skopje	1.37	355	Pb	ISC	03 42 31.7 -0.7	
SKO	Skopje			Pb	ISC	03 42 50.7 +0.1	
SKO	Skopje	1.45	140	Pb	ISC	03 42 31.8 -0.8	
SKO	Skopje			Pb	ISC	03 42 55.0 +1.8	
SKO	Skopje	1.45	140	Pb	ISC	03 42 33.4 -1.1	
SKO	Skopje			Pb	ISC	03 42 55.0 +1.8	
SKO	Skopje	1.45	140	Pb	ISC	03 42 33.7 -0.5	
SKO	Skopje			Pb	ISC	03 42 54.3 +0.2	
SKO	Skopje	1.51	28	Pb	ISC	03 42 34.4 -0.3	
SKO	Skopje			Pb	ISC	03 42 58.2 +	

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like Jatiwangi, Mundaring, Bunglang, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like Purkeypyle, RCO1, CACT, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like Canakkale, Ayv, Gulpinar-Canak, etc.

ISN 02 04:59:41.4, 0.8, 18.06N:78.36W, h26km, 15km, MD3.2
SSNC 02 04:59:42.0, 0.8, 18.22N:78.22W, h24km, 13km, MD2.9, ML2.1

ISN 02 04:59:39.2, 1.1, 18.49N:0.06:78.1W:0.1, h10km, n7,
137/10, 1D, Jamaica region

JMA 02 05:30:08.9, 0.4, 32.1N:2.14E, h31km, MV3.4/7, NEAR TORISHIMA IS
JDC 02 05:30:15.7, 5.5, 31.38N:141.10E, h42km, 76km, mb3.3/3,
mbtm3.5/4, ML2.6/1, Error ellipse: s-maj=266.6km
s-min=33.3km az=69.0

ISK 02 05:26:54.9, 39.51N:26.02E, h6km, ML2.5/17
DDA 02 05:26:55.0, 0.0, 39.51N:26.07E, h12km, ML2.3
THE 02 05:26:55.7, 39.51N:26.05E, h4km, 14km, ML2.3/6, Error

2d 6h

ASAR 0.8nm,0.5s
ASAR Alice Springs 55.47 189 P
0.2nm,0.4s,baz=356,slow=5.5,SNR=6.4
0.2nm,0.4s

ISK 02 05:48:40.8, 39.49N,26.04E, h7km, ML3.9/32
IDC 02 05:48:40.5, 1.3, 39.50N,26.05E, h0km, mb3.7/3,
mbmp3.5/5, ML3.4/2, MS2.9/3, Error ellipse: s-maj=30.1km
s-min=20.9km az=152.0
DDA 02 05:48:41.7, 39.49N,26.04E, h9km, ML3.8/10, Error
ellipse: s-maj=1.4km s-min=0.6km az=179.0
MCSM 02 05:48:41.3, 0.4, 40.0N,3.2E, h6km, 3km, mb4.2
THE 02 05:48:41.7, 39.49N,26.04E, h9km, 1km, ML3.8/10, Error
ellipse: s-maj=1.4km s-min=0.6km az=179.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Canakkale, Ayv, Goknar, Gulpinar-Canak, etc.

2017 MAR

Main table with columns: RDO, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Rodhopi, Kymi, Euboea, etc.

Table with columns: PRK, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Prk, Sigri, etc.

NOU 02 06:08:43.5, 17.62S, 168.41E, h107km, MLV4.3/13,
Vanuatu Islands, Vanuatu Islands
Code Station Name Az AzZ Phase ID Op ISC Time Res h m s ISC

VIE 02 06:25:06.5, 51.52N, 15.96E, h0km, mb2.5/3, ml2.4/3 87
km NW of Wrocław Suspected Mining induced.
PRU 02 06:25:07.0, 0.0, 51.52N, 16.07E, h0km
ISC 02 06:25:06.6, 1.2, 51.55N, 0.05, 16.13E, 0.03, h0km, n25,
0.92/49, Poland

PAS 02:07:31.19.4-0.9,34.058N-0.008-117.001W,0.010, h13km,1km,ML3.1/222,ML2.9/52(NEIC), Error ellipse: s-maj=1.2km s-min=1.0km az=214.0

comp=E,244nm,0.5s Dos Picos City 1.05 177 P Pb 07 31 37.9 -0.7

NGZ Ngarurhoe 3.58 27 P Pb 07 42 51.7 -3.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Crafton Hills, Seven Oaks Dam, Beaumont Base, Highland, Butler Peak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fort Macarthur, Camp Elliot, Camp Elliot, Edwards Air Force, Monument Peak, Goldstone, etc.

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

ISC 02:08:17:55.0-1.0,8.15S,156.13E,h0km,mb3.9/8, mbmp4.0/9,ML5.1/1,MS3.2/11, Error ellipse: s-maj=33.2km s-min=23.5km az=131.0

ISC 02:08:17:57.0-0.8,8.25S-0.2,166.2E-0.1,h18km,n17, az=111/10,mb3.9/8,MS3.1/7,Bougainville-Solomon Islands region

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

ISC 02:08:35:51.6-1.9,14.82N-90.46W,h194km,25km,mb3.6/6, mbmp3.8/9,MS3.3/1, Error ellipse: s-maj=37.5km s-min=17.1km az=32.0

SNET 02:08:35:53.9-1.3,14.71N-90.27W,h195km,34km,ML3.6 GCG 02:08:35:59.1-0.3,14.90N-90.84W,h141km,44km,ML2.7

ISC 02:08:35:59.0-0.9,14.8N-0.2,90.7W-0.1,h210km,82km,n20, az=125/10,mb4.0/5,C,Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fuego 3, Pacaya, Las Nubes, Nube Las Nubes, etc.

ISC 02:08:37:04.1-1.4,16.72S-174.80W,h0km,mb4.0/4, mbmp4.1/5,ML4.4/1, Error ellipse: s-maj=52.9km s-min=24.7km az=135.0

NEIC 02:08:37:12.7-2.3,16.76S-0.09-174.1W,0.1,h107km,9km, mb4.2/10, Error ellipse: s-maj=21.6km s-min=12.0km az=69.0

ISC 02:08:37:11.7-0.8,16.82S-0.07-174.01W-0.09,h100km, n18,r=152/20,mb4.1/10,Tonga Islands

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

WEL 02:07:41:51.7,42'S,61.74E-1'0,h13km,12km,ML2.8/12, mb4.9-1,ML2.5/15,ML2.8/12,Mw(mb)4.2/1, Error ellipse: s-maj=0.0km s-min=0.0km az=86.0,South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kahutara, Gakara Valley S, Blackbirch Sta, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, PMG Port Moresby, KRVT Keravat, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BVAR Borovoye Array, ZALV Zalesovo Beam, DBIC Dimbokro, etc.

IRC 02 08:49:24.7, 5.6, 13.97Sx166.55E, h0km, mb3.8/4, mbtmp3.7/4, Error ellipse: s-maj=150.1km s-min=54.2km az=117.0, Vanuatu Islands

KRSC 02 09:08:44.0, 1.5, 49.61N:156.84E, h57km, mb4.2, M4.2 MOS 02 09:08:43.7, 0.7, 49.68N:156.01E, h110km, mb3.8/1, Error ellipse: s-maj=22.3km s-min=5.2km az=74.3

IRC 02 09:08:48.7, 3.9, 50.04N:155.70E, h127km, 29km, mb3.4/11, mbtmp3.8/13, Error ellipse: s-maj=40.0km s-min=13.1km az=168.0

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, PAU Pauzhetka, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KLR Kul'dur, H1N1 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Arr, MKAR Makanchi Array, KURK Kurchatov, etc.

IRC 02 09:17:38.1, 3.0, 53.54N:87.85E, h0km, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=24.5km s-min=15.1km az=62.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

NOU 02 09:27:27.6, 42.64S:173.23E, h0km, MLv3.5/9, South Island, New Zealand WEL 02 09:27:27.8, 43.54S:173.3E, h27km, 12km, M2.7/24, ML2.9/28, MLv2.7/24, Error ellipse: s-maj=0.0km s-min=0.0km az=83.4

IRC 02 09:27:27.3, 1.0, 42.63S:0.03x173.27E:0.04, h100km, n54, r148/55, South Island

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KHZ Kahutera, GVZ Gata Valley S, AMZ Amberley, etc.

IRC 02 09:30:16.1, 2.6, 53.63N:86.95E, h0km, mbtmp2.5/2, ML2.3/2, Error ellipse: s-maj=24.0km s-min=13.9km az=72.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IRC 02 09:42:48.2, 2.2, 7.03S:129.04E, h0km, mb3.4/1, mbtmp3.5/3, ML3.6/2, Error ellipse: s-maj=146.7km s-min=32.3km az=67.0, Banda Sea

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

NEIC 02 10:09:43.9, 1.8, 6.40S:0.09x155.16E:0.04, h41km, gkm, mb4.8/22, Error ellipse: s-maj=12.8km s-min=4.7km az=188.0

DJA 02 10:09:45.9, 0.5, 6.53S:3.15E, h77km, 6km, M4.7/20, mb4.7/2, mb4.6/20, MLv4.9/2, Mv(MB)3.9/2 IRC 02 10:09:49.1, 1.4, 6.25S:154.74E, h84km, 13km, mb4.1/14, mbtmp4.4/18, MS3.3/17, Error ellipse: s-maj=14.7km s-min=9.7km az=45.0

IRC 02 10:09:45.1, 0.4, 6.36S:0.06x155.02E:0.06, h50km, n110, r154/96, mb4.7/36, MS3.3/13, 1D, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, DZM Dzumac, DZM Dzumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like QIS Nant Isia, RKPI Ransil Papua, GUMO Guam, etc.

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

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

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

2017 MAR

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like HHT Hallett, MULG Mulgathing, FITZ Fitzroy Crossi, etc.

WEL 02 10:11:34.7, 43°S, 173°E, h18km, 1.3km, M2.6/2.0, mB5.0/1, ML2.9/2.7, MLV2.6/2.0, Mw(mB)4.3/1, Error ellipse: s-maj=0.0km s-min=0.0km az=86.1, South Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like GVZ Greta Valley S, AMCZ Amberley, KHZ Kahutara, etc.

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like EAZ Earnsclough, PRKE Puketiti, VRZ Vuka Road, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like TNSS Tian-Shan, TNSS Karabastu, KRBS Karabastu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include MDOK Medeo, KOTS Kotrybulak, BLB Baldybastay, etc.

ROM 02 10:52:12.0±0.4, 328N±0.008, 11:09E±0.01, h20km±1km, ML2.0, 18, 2D, Error ellipse: s-maj=0.8km s-min=0.4km az=222.0, Northern lity

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include KSP Chvalec, OSTO Ostas, UPIC Upice, etc.

GERES GERESS Array B, GERES GERESS Array B, GERES GERESS Array B

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include LANS LANS, MODS Modra-Piesok, CONA Conrad Observa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include SUR Sutherland, CVNA Calvina, CVNA Calvina, etc.

ISK 02 11:07:24.4, 37:49N, 38:50E, h15km, ML5.7/45, MOS 02 11:07:25.1±0.9, 37:63N, 38:40E, h12km, mb5.4/70, MS5.1/47, Error ellipse: s-maj=4.0km s-min=2.9km az=105.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include DDA 02 11:07:25.0±0.0, 37:60N, 38:49E, h10km, MW5.5, GII 02 11:07:26.9±0.0, 37:58N, 38:44E, h10km, BGR 02 11:07:26.3, 37:53N, 38:68E, h21km, 1km, mb5.0, Ms4.9, CGMT 02 11:07:26.9±0.1, 37:53N, 01:38:45E, 01:17km, MW5.6/151, Moment Tensor Solution, etc.

IDC 02 10:57:16.2±8.7, 61:60N, 26:58W, h0km, mb3.3/3, mbmtmp3.4/4, ML3.4/1, Error ellipse: s-maj=174.5km s-min=32.6km az=147.0, Iceland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include BORG Borgarnes, BORG Borgarnes, YKA Yellowknife Ar, etc.

PRE 02 11:03:00.4±1.0, 33:55S, 19:75E, h5km, ML1.5, South Africa

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

NEIC 02 11:07:26.8, 37:59N, 38:46E, h14km, NEIC 02 11:07:26.8, 37:39N, 38:58E, h14km, Moment Tensor Solution, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include ATAB Bozova, AKKA Adyaman/G¶, AKKA Adyaman/G¶, etc.

Table with columns for name, date, time, and various codes. Includes entries like SURC, NZIP, ELZG, GAZ, KAHRAMANMARAS, etc.

Table with columns for name, date, time, and various codes. Includes entries like YESI, KAMT, CUKT, KRMM, TEPK, etc.

Table with columns for name, date, time, and various codes. Includes entries like YAL, YAL, YAL, HSNJ, SUDU, etc.

BURAR	Bucovina Array	13.93 320	Pn	11 10 43.9	-0.5	A051A	Mrakovica	17.75 301	ePn	Pn	11 11 33.5	-0.6	KRUC	Moravsky	19.61 313	eP	P	11 11 55.6	+0.3
BURAR	Bucovina Array	13.93 320	P	11 10 45.2	+0.9	CUC	Castrocuoco	17.78 285	P	Pn	11 11 34.7	+0.1	VRAC	Vranov	19.61 314	P	P	11 11 54.7	-0.6
BUR08	Bucovina Ar. S	13.95 320	Pn	11 10 43.7	-1.1	CCE	Celeste	17.79 279	P	Pn	11 11 31.9	-2.7	VRAC	comp=Z,0.4nm,0.3s,baz=117,slow=9.8,SNR=19		S	Sn	11 15 37.0	+0.4
KMPD	K-Podol'skiy	13.99 325	Pn	11 10 43.4	-1.7	A050A	comp=Z,216nm,1.0s		IAMB	IAMB	11 11 37.4		VRAC	comp=Z,1.2nm,0.3s,baz=36,slow=6.5,SNR=0.9		LR	LR	11 20 56.2	
NYDR	Nydril-Lefkada	14.00 280	P	11 10 49.3	-4.0	C00L	Klekovaca	17.86 299	ePn	Pn	11 11 35.3	-0.2	VRAC	comp=Z,1.0um,18.8s,baz=122,slow=42		LR	LR		
KBN	Korca	14.02 288	P	11 10 54.5	+0.8	LANS	Liptovska Anna	17.91 316	eP	P	11 11 38.6	+1.9	VRAC	comp=Z,22nm,1.0s		P	P	11 11 55.4	+0.1
LKD2	Lefkada island	14.03 280	P	11 10 50.5	-3.2	LANS	Liptovska Anna	17.91 316	eP	P	11 11 38.6	+1.9	CEY	Ceyrika	19.61 314	eP	P	11 11 55.7	+0.2
TSVK	Tsoukalades, L	14.03 280	Pn	11 10 51.2	-2.5	VYHS	Vyhne	17.93 314	eP	P	11 11 37.6	+0.8	CEY	Ceyrika	19.63 302	ePn	Pn	11 11 56.7	+0.2
EVGI	Lefkada island	14.04 280	P	11 10 49.6	+3.8	VYHS	Vyhne	17.93 314	eP	P	11 11 37.6	+0.8	LJU	Ljubljana	19.65 303	eP	Pn	11 11 58.3	+0.8
GZR	Gura Zlata	14.05 308	↑P	11 10 47.4	+1.2	SGRT	San Giovanni R	17.93 290	IAMB	IAMB	11 11 40.0		LJU	Ljubljana	19.65 303	eP	Pn	11 11 54.8	-1.8
VORR	Voronezh	14.06 2	eP	11 10 38.5	-7.8	MOS	Moscow	18.14 359	eP	Pn	11 11 33.8	-4.9	UOSS	Minazif	19.71 125	P	IAMB	11 12 10.2	
VORR			pmax			MOS	Moscow		eS	Sn	11 14 57.7	-3.1	UOSS	comp=Z,172nm,1.0s		iP	P	11 11 54.6	-2.0
IGT	Igomuntsa	14.29 283	P	11 10 55.0	-1.6	MOS	comp=Z,617nm,2.0s		pmax	pmax			UOSS	Minazif	19.71 125	iP	P	11 11 55.1	-1.5
MDVR	Moldovi	14.46 305	↑P	11 10 52.2	+0.5	MOS	comp=Z,2um,2.5s		pmax	pmax			UOSS	Minazif	19.71 125	P	S	11 11 58.5	-0.1
LUBAR	Lubar, Ukraine	14.49 311	Pn	11 10 50.3	-1.8	MOS	comp=N,3um,6.3s		smax	smax			HATD	Hatta, Dubai	19.75 125	iP	P	11 11 55.8	-1.2
LUBAR			pP	11 10 54.2	-4.5	MOS	comp=N,2um,5.3s		smax	smax			HATD	Hatta, Dubai	19.75 125	P	P	11 11 55.6	-1.4
MARR	Marisa-Cluj	14.50 313	↑P	11 10 54.1	+1.8	MOS	comp=N,3um,6.3s		smax	smax			HATD	Hatta, Dubai	19.75 125	S	Sn	11 11 57.3	+7.0
AK07	Malin Array Si	14.51 336	Pn	11 10 50.6	-1.7	MOS	comp=N,2um,5.3s		MLR	MLR			OBKA	Obir	19.77 304	ePn	Pn	11 11 58.7	0.0
AK07			pP	11 10 54.6	-4.3	MOS	comp=N,2um,5.3s		MLR	MLR			OBKA	Obir	19.77 304	ePn	Pn	11 11 57.6	+0.4
AK10	Malin Array Si	14.54 336	Pn	11 10 50.9	-1.8	QJC	Ojcow	18.34 319	eP	Pn	11 11 38.8	-2.5	ISAL	Salakas	19.79 339	eP	P	11 11 54.8	-2.4
AK10			pP	11 10 54.9	-4.3	QJC	Ojcow		eS	Sn	11 15 13.7	+2.9	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK09	Malin Array Si	14.54 336	Pn	11 10 51.2	-1.5	QJC	Ojcow		eL	L	11 20 41.7		ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK08	Malin Array Si	14.54 336	Pn	11 10 52.5	-1.2	MNK	Minsk	18.37 340	iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK05	Malin Array Si	14.57 336	Pn	11 10 51.7	-1.3	MNK	comp=E,16nm,0.9s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK05	Malin Array Si	14.57 336	Pn	11 10 51.8	-1.3	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK02	Malin Array Si	14.60 336	Pn	11 10 52.1	-1.4	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK13	Malin Array Si	14.61 336	Pn	11 10 52.1	-1.6	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK14	Malin Array Si	14.61 336	Pn	11 10 52.1	-1.6	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK01	Malin Array Si	14.63 336	Pn	11 10 52.3	-1.6	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK11	Malin Array Si	14.63 336	Pn	11 10 52.6	-1.4	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK11			pP	11 10 56.4	-3.9	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AKASG	Malin Array Be	14.64 336	Pn	11 10 51.5	-2.5	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AKASG	comp=Z,0.6nm,0.3s,baz=148,slow=13,SNR=36		Sn	11 13 22.8	-1.3	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AKASG	comp=Z,1.5nm,0.5s,baz=84,slow=2.0,SNR=4.9		PcP	11 16 04.7	-2.0	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AKASG	comp=Z,1.5nm,0.5s,baz=84,slow=2.0,SNR=4.9		PcP	11 16 04.7	-2.0	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AKASG	Malin Array Be	14.64 336	P	11 10 53.9	-0.1	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AKASG	Malin Array Be	14.64 336	P	11 10 53.9	-0.1	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AKBB	Malin Array Si	14.64 336	Pn	11 10 52.3	-1.7	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AKBB	Malin Array Si	14.64 336	Pn	11 10 52.3	-1.7	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK15	Malin Array Si	14.65 336	Pn	11 10 52.7	-1.4	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK16	Malin Array Si	14.65 336	Pn	11 10 56.4	-4.0	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK03	Malin Array Si	14.66 336	Pn	11 10 52.9	-1.4	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK15	Malin Array Si	14.66 336	Pn	11 10 52.9	-1.4	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK04	Malin Array Si	14.67 336	Pn	11 10 53.0	-1.5	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK17	Malin Array Si	14.68 336	Pn	11 10 53.2	-1.3	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK18	Malin Array Si	14.71 336	Pn	11 10 53.3	-1.6	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK18			pP	11 10 57.4	-3.7	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK18			sP	11 10 59.4		MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
KEK	Kerkira	14.71 284	P	11 11 02.4	+1.2	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK23	Malin Array Si	14.72 336	Pn	11 10 53.5	-1.6	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK19	Malin Array Si	14.72 336	Pn	11 10 53.4	-1.8	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK19			pP	11 10 57.5	-3.8	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK22	Malin Array Si	14.74 336	Pn	11 10 54.0	-1.3	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK22			pP	11 10 57.6	-3.8	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK22			sP	11 10 59.9		MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK20	Malin Array Si	14.74 336	Pn	11 10 53.8	-1.6	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK20			pP	11 10 57.7	-3.8	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK21	Malin Array Si	14.76 336	Pn	11 10 54.2	-1.5	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
AK21			pP	11 10 57.9	-3.8	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
DRGR			↑P	11 10 57.1	+0.7	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
DRGR			↑P	11 10 57.0	+0.7	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
BZS	Buzias	14.88 303	P	11 10 57.0	+0.7	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
BZS	Buzias	14.88 303	P	11 10 58.5	+1.2	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
PVY	Play	14.98 295	↑P	11 11 00.7	+1.9	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
LPSR	Galich'ya Gora	14.99 1	eP	11 10 56.3	-2.4	MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.80 126	iP	P	11 11 57.0	-0.6
LPSR			pmax			MNK	comp=N,121nm,1.0s		iP	Pn	11 11 39.9	-1.7	ASHO	Ashtiyah	19.8				

MDOK	baz=67	eS	S	11 18 31.0 +1.5	MTE	comp=Z,85nm,1.7s	eS	S	11 20 07.7 +8.3	NR1K	Nori'sk	41.18 24	P	P	11 15 10.4 -0.7	
MDOK	baz=67	eP	S	11 13 33.2 -0.3	MTE		eLR	A	11 29 44.0	NR1K	comp=Z,25nm,1.0s, baz=242, slow=7.2, SNR=29	LR	LR		11 35 37.6	
MDOK	Medeo	29.74 67	eS	11 13 35.5 -1.0	PCBR	comp=Z,1um,16.0s	eP	A	11 32 14.5	NR1K	comp=Z,2um,18.9s, baz=242, slow=41					
APA	Apatity	30.13 356	iP	11 14 39.5	PCBR	Castelo Branco	35.58 288	eP	A	11 14 23.4 -1.0	NR1K	Nori'sk	41.18 24	P	P	11 15 11.5 +0.4
APA			i	11 16 34.2	PCBR	comp=Z,80nm,2.1s	eP	A	11 14 29.1	NR1K	comp=Z,102nm,1.2s	IAMB	IAMB		11 15 18.0	
APA			iS	11 18 32.0 -2.8	PMRV	Marv??o	35.60 287	eP	A	11 14 23.9 -0.7	NR1K	Nori'sk	41.18 24	ceP	P	11 15 11.2 +0.1
APA			imax		PMRV	comp=Z,55nm,2.1s	eP	A	11 14 24.9	NR1K	comp=Z,59nm,1.1s	imax	imax			
APA	comp=Z,12nm,0.9s		MLR		PMRV		eS	S	11 20 06.5 +6.1	NR1K	comp=Z,2um,17.0s	MLR	MLR			
LVZ	Lovozero	30.41 357	IAMS_20	11 27 28.9	PMRV	comp=Z,2um,20.0s	eLR	A	11 28 02.6	JMIC	Jan Moyaen	41.24 339	LR	LR	11 33 15.7	
LVZ	Lovozero	30.41 357	iP	11 13 37.9 -1.1	PMRV		A	11 30 17.1	RAMN	Ramite	41.69 90	eP	P	11 15 15.6 -0.6		
LVZ			imax		PMRV	comp=Z,68nm,2.1s	A	11 14 29.2	SPB2	Spitsbergen Ar	41.71 353	P	P	11 15 15.6 +0.2		
ECHE	Chera	30.69 286	P	11 13 41.0 -0.8	PCAB	Cabril	35.66 291	eP	A	11 14 24.8 -0.3	SPB2	comp=Z,50nm,0.9s	IAMB	IAMB	11 15 21.9	
SATY	Saty	31.18 67	eP	11 13 42.7 +0.4	PCAB	comp=Z,77nm,1.9s	A	11 14 55.4	SPITS	Spitsbergen Ar	41.71 353	P	P	11 15 15.0 -0.4		
SATY	Zhinishe	30.74 67	eP	11 13 42.7 +0.2	PVIS	Visueu	35.73 290	eP	A	11 14 25.0 -0.8	SPITS	comp=Z,26nm,0.9s, baz=131, slow=25, SNR=8.8	LR	LR	11 35 31.4	
ZHN	Zhinishe	30.75 67	eP	11 13 42.6 +0.2	PVIS		A	11 14 31.5	SPITS	comp=Z,2um,19.5s, baz=134, slow=40	SPITS	Spitsbergen Ar	41.71 353	P	P	11 15 15.6 +0.2
ZHN			imax		PGAV	Gavireira, Arco	35.80 292	eP	A	11 14 25.8 -0.6	SPITS	comp=Z,26nm,0.9s	imax	imax		
KPKS	Kokpek	30.92 66	eP	11 13 43.6 -0.3	PGAV		eS	S	11 20 17.9 +14	ODAN	Odare	42.36 90	eP	P	11 15 21.1 -0.5	
KPKS	Kokpek	30.92 66	eP	11 13 43.5 -0.3	PGAV	comp=Z,3um,18.0s	eLR	A	11 32 54.3	TAPN	Taplejung	42.39 89	eP	P	11 15 21.8 -0.1	
KPKS			imax		PESTR	Estremoz	35.87 287	P	11 14 25.7 -1.3	KBS	Kingsbay	42.80 353	IAMS_20	IAMS_20	11 35 17.2	
DILA	Dilla	31.04 180	eP	11 13 43.2 -2.0	PESTR	Estremoz	35.87 287	P	11 14 26.0 -0.9	PCHI	Peechi	43.41 118	eP	P	11 15 32.4 +2.5	
UZB	Uzymbulak	31.18 67	eP	11 13 46.6 +0.3	PESTR	comp=Z,55nm,0.9s	A	11 14 25.9 -1.1	PCHI	Borgarnes	43.90 328	LR	LR	11 22 01.8 +3.8		
UZB	Uzymbulak	31.18 67	eP	11 13 46.5 +0.3	GOLM	Goulmima	35.93 274	P	11 14 29.0 +1.3	PCHI	Lhasa	44.10 84	P	P	11 37 10.5	
UZB			imax		PBEJ	Beja	36.28 285	eP	A	11 14 35.2	LSA		imax	imax	11 15 35.6 -0.3	
KURBB	Kurchatov	31.19 52	P	11 13 46.9 +0.9	PCAS	comp=Z,69nm,2.0s	A	11 14 31.0 +0.3	GOMU	GeErMu	44.52 74	P	P	11 15 40.6 +1.5		
KURBB	Kurchatov	31.18 52	PcP	11 16 40.3 -0.3	PCAS	Casmillo, Conde	36.31 289	eP	A	11 14 36.0	GOMU	comp=Z,145nm,1.1s	sP	sP	11 15 46.3 +1.7	
KURBB	comp=Z,4.1nm,0.7s, baz=272, slow=3.1, SNR=5.6		LR	11 28 45.9	PMTG	Montargil	36.31 289	eP	A	11 14 29.3 -1.4	GOMU	comp=Z,37nm,0.8s	S	S	11 22 17.1 +2.5	
KURBB	comp=Z,10um,18.1s, baz=259, slow=41		LR		PMTG	comp=Z,44nm,1.6s	A	11 14 36.0	GOMU	comp=Z,380nm,4.7s	imax	imax				
EMUR	La Murta	31.22 283	P	11 13 44.4 -2.1	PVAQ	Vaqueiros	36.32 284	P	11 14 29.9 -0.9	GOMU	comp=Z,1um,13.7s	LR	LR			
KURK	Kurchatov	31.26 52	IAMB	11 13 47.2 +0.7	PVAQ	Vaqueiros	36.32 284	eP	11 14 29.6 -1.2	GOMU	comp=Z,2um,16.0s	LR	LR			
KURK	Kurchatov	31.26 52	P	11 13 52.3	PVAQ	comp=Z,56nm,2.0s	eS	S	11 20 17.1 +5.7	GOMU	comp=Z,1um,13.7s	LR	LR			
KURK	Kurchatov	31.26 52	P	11 13 47.3 +0.7	PVAQ	Vaqueiros	36.32 284	eLR	11 30 55.6	GOMU	comp=Z,2um,16.0s	LR	LR			
KURK			imax		PVAQ	comp=Z,830nm,16.0s	A	11 37 52.9	MSEY	Mahe Island	44.97 156	IAMS_20	IAMS_20	11 34 44.3		
KURK			MLR		PCVE	Castro Verde	36.51 285	eP	11 14 31.2 -1.2	SCO	Scorebysund	45.22 336	P	P	11 15 43.9 +0.2	
KURK	Kurchatov	31.26 52	P	11 13 49.8 +3.2	PCVE	comp=Z,53nm,1.4s	A	11 14 43.3	SCO	Scorebysund	45.22 336	IAMB	IAMB	11 15 53.1		
ETOB	Tobarra	31.30 284	P	11 13 46.6 -0.6	PBDV	Barranco-do-Ve	36.53 284	eP	11 14 30.7 -1.9	SCO	comp=Z,50nm,1.4s	imax	imax	11 15 43.9 +0.2		
SHLS	Shalkode	31.50 67	eP	11 13 51.8 +2.7	PBDV	comp=Z,79nm,1.2s	IAMB	IAMB	11 14 36.5	SCO	Scorebysund	45.22 336	P	P	11 15 43.9 +0.2	
SHLS	Shalkode	31.50 67	eP	11 13 51.7 +2.7	MESJ	Messejana	36.60 285	IAMB	11 14 36.5	SCO	comp=Z,50nm,1.4s	imax	imax	11 15 43.9 +0.2		
SHLS			imax		MESJ	Messejana	36.60 285	eP	11 14 32.2 -0.9	MOY	Moody	45.30 51	eP	P	11 15 46.3 +1.5	
SHLS			imax		MESJ	comp=Z,48nm,1.7s	IAMB	IAMB	11 14 44.3	MOY	Moody	45.30 51	eP	P	11 15 46.3 +1.5	
TAM	Tamanrasset	31.86 252	P	11 13 52.5 +0.1	MESJ	Messejana	36.60 285	eP	11 14 31.4 -1.7	DBG	comp=Z,47nm,1.5s	IAMB	IAMB	11 15 47.4 -0.8		
TAM	Tamanrasset	31.86 252	P	11 13 55.0	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	SHL	Shillong	45.79 341	P	P	11 15 53.4 -1.5	
TAM	Tamanrasset	31.86 252	P	11 13 52.5 +0.1	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	SHL	Shillong	45.79 341	P	P	11 15 53.4 -1.5	
TAM			imax		MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	SHL	Shillong	45.79 341	P	P	11 15 53.4 -1.5	
TAM			MLR		MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ENIJ	Nijar	32.16 282	P	11 13 53.6 -1.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
UCM	Universidad Co	32.30 288	P	11 13 54.7 -1.3	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
UCM			S	11 13 50.8 -0.8	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 58.8 -0.6	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 29 32.3	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352	P	11 13 59.6 +0.2	MESJ	comp=Z,26nm,1.0s	IAMB	IAMB	11 14 36.7	ZAK	Zakamensk	46.92 53	eP	P	11 15 58.1 +0.5	
ARCES	ARCESS Array B	32.73 352														

CD2	comp=Z,1um,23.7s	53.44	76	P	P	11 16 47.6	+0.4
CD2	Chengdu			pP	pP	11 16 50.2	-1.1
CD2				S	S	11 24 20.6	+1.0
CD2				sS	sS	11 24 27.5	+1.3
CD2				SS	SS	11 28 01.7	+2.3
CD2	comp=Z,50nm,1.2s			pmax	pmax		
CD2	comp=Z,260nm,3.8s			LR	LR		
CD2	comp=Z,1um,12.3s			LR	LR		
CD2	comp=Z,840nm,15.0s			LR	LR		
CD2	comp=Z,2um,16.4s			LR	LR		
LSZ	Lusaka	53.49	192	P	P	11 16 47.8	+0.2
LSZ	comp=Z,3.6nm,0.7s,baz=17,slow=8.5,SNR=10			LR	LR	11 40 01.8	
LSZ	comp=Z,3um,19.7s,baz=12,slow=37						
LSZ	comp=Z,3.6nm,0.7s						
LSZ	Lusaka	53.49	192	P	P	11 16 49.9	+2.3
LSZ	comp=Z,53nm,1.5s			IAMB	IAMB	11 16 55.1	
LSZ	Lusaka	53.49	192	IAMS_20	IAMS_20	11 39 49.2	
LSZ	comp=Z,3um,20.0s						
LSZ	Lusaka	53.49	192	P	P	11 16 49.9	+2.3
LSZ	comp=Z,53nm,1.5s			pmax	pmax		
LSZ	comp=Z,3um,20.0s			MLR	MLR		
LSZ	Lusaka	53.49	192	eP	P	11 16 49.6	+2.0
LSZ	comp=Z,1um,2.2s			IAMB	IAMB	11 16 52.1	
NEEM	North Greenlan	53.51	344	iP	P	11 16 46.2	-1.2
BBTS	Babate	53.55	260	LR	LR	11 43 35.4	
BBTS	comp=Z,2um,18.9s,baz=65,slow=40						
PZH	PanZhiHua	53.89	82	pP	pP	11 16 51.7	+1.1
PZH				ScP	ScP	11 16 54.0	-0.7
PZH				S	S	11 21 50.9	-3.0
PZH				pmax	pmax	11 24 22.3	-3.5
PZH	comp=Z,60nm,0.8s						
PZH	comp=Z,440nm,3.5s			pmax	pmax		
PZH	comp=Z,3um,20.8s			LR	LR		
PZH	comp=Z,5um,21.5s			LR	LR		
PZH	comp=Z,4um,21.7s			LR	LR		
MBO	M'Bour	54.04	260	IAMS_20	IAMS_20	11 43 30.2	
MBO	comp=Z,3um,20.0s						
DY2G	Dye2	54.11	330	iP	P	11 16 48.2	-3.6
BTO	Baotou	54.20	63	eP	P	11 16 51.7	-1.0
BTO				S	S	11 24 29.9	+0.3
BTO	comp=Z,9um,20.8s			LR	LR		
TIXI	comp=Z,10um,20.6s			LR	LR		
TIXI	Tiksi	54.93	23	LR	LR	11 45 13.8	
TIXI	comp=Z,2um,18.4s,baz=270,slow=41						
TIXI	Tiksi	54.93	23	P	P	11 16 57.5	+0.2
TIXI				IAMB	IAMB	11 17 02.8	
TIXI	comp=Z,32nm,1.1s			23ceP	P	11 16 58.3	+1.0
TIXI	Tiksi	54.93	23	pmax	pmax		
TIXI	comp=Z,40nm,1.3s			MLR	MLR		
HHC	HHC	55.19	62	eP	P	11 17 02.4	+2.5
HHC	Hu-ho-hao-te			S	S	11 24 46.8	+3.8
HHC				sS	sS	11 24 52.7	+3.0
HHC				pmax	pmax		
HHC	comp=Z,93nm,0.8s						
HHC	comp=Z,280nm,5.0s			pmax	pmax		
HHC	comp=Z,5um,13.2s			LR	LR		
HHC	comp=Z,3um,15.1s			LR	LR		
HHC	comp=Z,5um,18.0s			LR	LR		
KMI	Kunming	55.34	83	iP	P	11 16 59.1	-2.2
KMI				S	S	11 24 40.8	-4.8
KMI				SS	SS	11 28 26.7	-3.2
KMI				pmax	pmax		
KMI	comp=Z,57nm,0.9s						
KMI	comp=Z,480nm,4.1s			pmax	pmax		
KMI	comp=Z,910nm,13.9s			LR	LR		
KMI	comp=Z,2um,16.5s			LR	LR		
CHTO	Chiang Mai	55.59	92	P	P	11 17 02.5	-0.4
CHTO	Chiang Mai	55.59	92	P	P	11 17 02.5	-0.4
SFJD	Kangerlussuaq	55.66	332	LR	LR	11 43 25.0	
SFJD	comp=Z,949nm,18.3s,baz=80,slow=39						
CM31	Chiang Mai Arr	55.78	92	IAMB	IAMB	11 17 07.1	
CM31	comp=Z,30nm,0.8s						
CMAR	Chiang Mai Arr	55.78	92	P	P	11 17 03.9	-0.4
CMAR	comp=Z,29nm,1.0s,baz=298,slow=8.0,SNR=58						
CMAR	comp=Z,2.0nm,0.8s,baz=291,slow=9.1,SNR=25.5			pP	P	11 19 09.7	+0.9
CMAR	comp=Z,1um,20.4s,baz=305,slow=42			LR	LR	11 46 04.0	
CMAR	Chiang Mai Arr	55.78	92	P	P	11 17 03.3	-1.0
CMAR	Chiang Mai Arr	55.78	92	iP	P	11 17 05.0	+0.7
CMAR	comp=Z,30nm,1.0s			pmax	pmax		
CRAI	Chiangrai	55.97	90	P	P	11 17 04.5	-1.1
CRAI	comp=Z,37nm,1.5s			IAMB	IAMB	11 17 07.7	
XAN	Xi'an	56.02	71	iP	P	11 17 07.2	+1.3
XAN				pP	sP	11 17 13.7	+2.2
XAN				S	S	11 24 56.1	+2.0
XAN	comp=Z,48nm,1.0s			pmax	pmax		
XAN	comp=Z,2um,15.6s			LR	LR		
XAN	comp=Z,2um,16.8s			LR	LR		
XAN	comp=Z,3um,17.1s			LR	LR		
OPO	Ambohidratompo	56.49	170	P	P	11 17 09.9	+0.6
OPO	comp=Z,12nm,0.8s,baz=342,slow=6.5,SNR=12			LR	LR	11 39 57.0	
OPO	comp=Z,1um,21.8s,baz=174,slow=34						
OPO	comp=Z,12nm,0.8s						
PHRA	Phrae	56.78	92	P	P	11 17 11.1	-0.4
ABPO	Ambohimpanom	56.94	170	P	P	11 17 12.0	-0.5
ABPO	Ambohimpanom	56.94	170	IAMS_20	IAMS_20	11 43 17.7	
ABPO	Ambohimpanom	56.94	170	P	P	11 17 12.0	-0.5
ABPO	comp=Z,15nm,1.0s			pmax	pmax		
ABPO	comp=Z,2um,18.0s			MLR	MLR		
ABPO	Ambohimpanom	56.94	170	iP	P	11 17 12.7	+0.2
ABPO	comp=Z,15nm,0.9s			IAMB	IAMB	11 17 15.8	
XLT	XiLinHaoTe	57.13	57	eP	P	11 17 15.6	+1.9
XLT				sP	sP	11 17 22.6	+3.3
XLT				pmax	pmax		
XLT	comp=Z,18nm,1.8s			pmax	pmax		
XLT	comp=Z,280nm,3.7s						
XLT	comp=Z,480nm,23.1s			LR	LR		
XLT	comp=Z,3um,22.6s			LR	LR		
XLT	comp=Z,3um,22.0s						
HIA	Hailar	57.46	50	IAMS_20	IAMS_20	11 44 53.2	
HIA	comp=Z,2um,19.0s						
HIA	Hailar	57.46	50	IAMB	IAMB	11 17 19.7	
HIA	comp=Z,20nm,0.9s						
HIA	Hailar	57.46	50	P	P	11 17 18.2	+2.3
TULEG	Thule	57.61	345	IAMB	IAMB	11 17 24.5	
TULEG	comp=Z,40nm,1.4s						
GYA	Guiyang	57.77	80	iP	P	11 17 19.3	+0.8
GYA				pP	pP	11 17 22.4	-0.1
GYA				PcP	PcP	11 18 09.0	-2.2
GYA				S	S	11 25 22.2	+4.7
GYA				SS	SS	11 29 10.3	+2.5

GYA	comp=Z,83nm,1.0s			pmax	pmax		
GYA	comp=Z,510nm,3.5s			pmax	pmax		
GYA	comp=Z,1um,15.6s			LR	LR		
GYA	comp=Z,2um,19.5s			LR	LR		
ENH	Enshi	58.14	74	P	P	11 17 21.1	+0.2
ENH	comp=Z,2um,21.0s			IAMB	IAMB	11 17 24.1	
ENH	comp=Z,34nm,0.9s			IAMS_20	IAMS_20	11 46 13.7	
ENH	Enshi	58.14	74	P	P	11 17 22.1	+1.2
ENH	comp=Z,2um,20.0s			IAMS_20	IAMS_20	11 46 03.1	
ENH	Enshi	58.14	74	P	P	11 17 22.1	+1.2
YAK	Yakutsk	58.14	34	LR	LR	11 46 03.1	
YAK	comp=Z,2um,19.0s,baz=292,slow=40						
YAK	Yakutsk	58.14	34	IAMS_20	IAMS_20	11 46 32.9	
YAK	comp=Z,2um,19.0s						
YAK	Yakutsk	58.14	34	eP	P	11 17 22.0	+1.7
YAK				e'PP	sP	11 17 26.1	+0.2
YAK				e	e	11 18 12.3	
YAK				e	e	11 19 33.1	
YAK				e'PPP	PPP	11 20 47.9	
YAK				e'S	S	11 25 24.2	+3.1
YAK				e'SS	sS	11 25 31.6	+3.8
YAK				e'SS	SS	11 29 19.0	+7.1
YAK				pmax	pmax		
YAK	comp=Z,25nm,1.0s			pmax	pmax		
YAK	comp=E,12nm,1.4s						
YAK	comp=N,2.0nm,1.3s			pmax	pmax		
YAK	comp=Z,115nm,3.2s						
YAK	comp=N,40nm,3.1s			pmax	pmax		
YAK	comp=N,276nm,3.8s			smax	smax		
YAK	comp=E,140nm,3.3s			smax	smax		
YAK	comp=Z,2um,16.0s			MLR	MLR		
YAK	comp=N,473nm,15.0s			MLR	MLR		
YAK	comp=E,1um,16.0s			MLR	MLR		
LYN	LuoYang	58.44	69	iP	P	11 17 24.9	+2.0
LYN				pP	sP	11 17 29.0	+0.5
LYN				PP	PP	11 19 38.6	+6.6
LYN				S	S	11 25 32.2	+6.4
LYN				pmax	pmax		
LYN	comp=E,27nm,0.7s						
LYN	comp=E,160nm,5.9s			pmax	pmax		
LYN	comp=E,2um,14.5s			LR	LR		
LYN	comp=E,3um,16.3s			LR	LR		
LYN	comp=E,3um,17.5s			LR	LR		
EUNU	Eureka	58.69	350	IAMB	IAMB	11 17 31.2	
EUNU	comp=Z,34nm,1.1s						
BJI	Beijing	58.74	61	P	P	11 17 27.0	+2.1
BJI				sP	sP	11 17 30.0	+0.4
BJI				S	S	11 25 33.9	+4.3
BJI				pmax	pmax		
BJI	comp=Z,13nm,0.8s						
BJI	comp=Z,120nm,3.5s			pmax	pmax		
BJI	comp=Z,2um,19.9s			LR	LR		
BJI	comp=Z,1um,19.2s			LR	LR		
BJI	comp=Z,2um,15.6s			LR	LR		
BJT	Baijiatou	58.74	61	IAMB	IAMB	11 17 28.4	
BJT	comp=Z,18nm,0.8s						
BJT	Baijiatou	58.74	61	P	P	11 17 27.5	+2.6
HNS	HongShan	58.83	65	iP	P	11 17 27.4	+1.9
HNS				S	S	11 25 32.5	+1.7
HNS				SS	SS	11 29 25.3	+1.6
HNS				pmax	pmax		
HNS	comp=Z,30nm,0.9s			LR	LR		
HNS	comp=Z,2um,15.5s			LR	LR		
HNS	comp=Z,2um,14.9s			LR	LR		
HNS	comp=Z,2um,17.7s			LR	LR		
NONG	Nongkai	59.34	90	P	P	11 17 29.8	+0.5
VOI	Voitsoka	59.73	171	P	P	11 17 31.2	-0.7
VOI	comp=Z,2um,20.0s			IAMS_20	IAMS_20	11 42 47.4	
VOI	Voitsoka	59.73	171	P	P	11 17 34.7	+2.8
VOI	Voitsoka	59.73	171	eP	P	11 17 33.0	+1.1
NAVY	Nakonayok	59.99	95	P	P	11 17 35.7	+1.8
ZEA	Zey	60.09	43	eP	P	11 17 38.2	+4.2
ZEA				S	S	11 25 57.0	+1.0
ZEA	comp=Z,40nm,0.9s			pmax	pmax		
ZEA	comp=E,100nm,1.7s			smax	smax		
ZEA	comp=N,200nm,14.9s			smax	smax		
ZEA	comp=E,2um,16.0s			MLR	MLR		
MUSN	Musina, Limpop	60.13	189	eP	P	11 17 36.5	+1.9
MUSN							

Table with columns: Code, Name, Comp, Val1, Val2, Val3, Val4, Val5, Val6, Val7, Val8, Val9, Val10, Val11, Val12, Val13, Val14, Val15, Val16, Val17, Val18, Val19, Val20, Val21, Val22, Val23, Val24, Val25, Val26, Val27, Val28, Val29, Val30, Val31, Val32, Val33, Val34, Val35, Val36, Val37, Val38, Val39, Val40, Val41, Val42, Val43, Val44, Val45, Val46, Val47, Val48, Val49, Val50, Val51, Val52, Val53, Val54, Val55, Val56, Val57, Val58, Val59, Val60, Val61, Val62, Val63, Val64, Val65, Val66, Val67, Val68, Val69, Val70, Val71, Val72, Val73, Val74, Val75, Val76, Val77, Val78, Val79, Val80, Val81, Val82, Val83, Val84, Val85, Val86, Val87, Val88, Val89, Val90, Val91, Val92, Val93, Val94, Val95, Val96, Val97, Val98, Val99, Val100.

Table with columns: Code, Name, Comp, Val1, Val2, Val3, Val4, Val5, Val6, Val7, Val8, Val9, Val10, Val11, Val12, Val13, Val14, Val15, Val16, Val17, Val18, Val19, Val20, Val21, Val22, Val23, Val24, Val25, Val26, Val27, Val28, Val29, Val30, Val31, Val32, Val33, Val34, Val35, Val36, Val37, Val38, Val39, Val40, Val41, Val42, Val43, Val44, Val45, Val46, Val47, Val48, Val49, Val50, Val51, Val52, Val53, Val54, Val55, Val56, Val57, Val58, Val59, Val60, Val61, Val62, Val63, Val64, Val65, Val66, Val67, Val68, Val69, Val70, Val71, Val72, Val73, Val74, Val75, Val76, Val77, Val78, Val79, Val80, Val81, Val82, Val83, Val84, Val85, Val86, Val87, Val88, Val89, Val90, Val91, Val92, Val93, Val94, Val95, Val96, Val97, Val98, Val99, Val100.

Table with columns: Code, Name, Comp, Val1, Val2, Val3, Val4, Val5, Val6, Val7, Val8, Val9, Val10, Val11, Val12, Val13, Val14, Val15, Val16, Val17, Val18, Val19, Val20, Val21, Val22, Val23, Val24, Val25, Val26, Val27, Val28, Val29, Val30, Val31, Val32, Val33, Val34, Val35, Val36, Val37, Val38, Val39, Val40, Val41, Val42, Val43, Val44, Val45, Val46, Val47, Val48, Val49, Val50, Val51, Val52, Val53, Val54, Val55, Val56, Val57, Val58, Val59, Val60, Val61, Val62, Val63, Val64, Val65, Val66, Val67, Val68, Val69, Val70, Val71, Val72, Val73, Val74, Val75, Val76, Val77, Val78, Val79, Val80, Val81, Val82, Val83, Val84, Val85, Val86, Val87, Val88, Val89, Val90, Val91, Val92, Val93, Val94, Val95, Val96, Val97, Val98, Val99, Val100.

2d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TOR, YKA, WRA, ASAR, PDAR.

DDA 02 11:16:20.7-2.1, 24.48N-46.17W, h0km, mb3.6/6, mbtmp3.6/6, Error ellipse: s-maj=90.6km s-min=29.0km az=19.0

ISC 02 11:16:22.3-1.8, 24.5N-0.6, 46.2W-0.2, h10km, n11, c126/6, mb3.8/6, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include H10N2, H10N1, H10S3, H10S2, TXAR, PDAR, YKA, NVAR, ILAR.

DDA 02 11:16:54.8-0.0, 37.58N-38.49E, h8km, 1km, MW4.2

ISC 02 11:16:55.9, 37.54N-38.44E, h18km, ML3.7/16

ISC 02 11:16:55.5-0.9, 37.58N-0.02, 38.47E-0.02, h12km, 7km, n31, c0980/49, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include ATAB, URFA, SANLIURFA, AKCA, SURC, MAYA, GZT, NIZIP, ELZG, GAZ, KAHM, DARE, HCB, ELBS, KUZU, DYBB, KAMA, ARPR, SARI, SAIM, KOZAN, ERZAN, SVAN, BNGB, CEYD, BNN, YEDI, SVSK, KARA, GURO, BAYT.

DDA 02 11:18:16.7-0.0, 37.58N-38.49E, h7km, 2km, MW4.4

ISC 02 11:18:17.7-0.8, 37.54N-38.26E, h0km, mb3.6/7, mbtmp3.7/13, ML3.5/6, Error ellipse: s-maj=12.9km s-min=11.3km az=136.0

ISC 02 11:18:18.1, 37.57N-38.44E, h8km, ML4.0/16

ISC 02 11:18:23.0-0.0, 37.60N-38.50E, h1km, 5km

ISC 02 11:18:17.5-1.1, 37.57N-0.02, 38.46E-0.02, h3km, 8km, n51, c1954/69, mb3.7/8, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include ATAB, URFA, SANLIURFA, AKCA, SURC, GZT, MAYA, NIZIP, ELZG, GAZ, KAHM, DARE, HCB, ELBS, KUZU.

2017 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include KUZU, KAMA, ARPR, SARI, ERZAN, SVAN, BNGB, YEDI, SVSK, RSDY, GURO, BAYT, TOKT, KOPR, VAN, YANB, BRTR, GEM, MMA0B, MMA1, BLGI, GNI, GNI, ASF, ASF, ASF, HMDT, HMDT, LUIP, ELI, IDI, AKTO, GERES, FINES, KSH, KSH, KURBB, MKAR, MDT, BOSHA, YKA.

DDA 02 11:20:51.5-0.0, 37.61N-38.48E, h7km, 2km, ML3.1

ISC 02 11:20:53.3, 37.53N-38.49E, h26km, ML3.3/10

ISC 02 11:20:51.9-1.0, 37.61N-0.03, 38.49E-0.03, h8km, 9km, n23, c0711/40, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include ATAB, URFA, SANLIURFA, AKCA, MAYA, SURC, GZT, ELZG, GAZ, KAHM, DARE, HCB, ELBS, KUZU, DYBB, KAMA, ARPR, SARI, SAIM, KOZAN, ERZAN, SVAN, BNGB, CEYD, BNN, YEDI, SVSK, KARA, GURO, BAYT.

DDA 02 11:28:25.5-2.1, 13.32N-145.01E, h56km, 21km, mb3.0/4, mbtmp3.4/4, Error ellipse: s-maj=60.3km s-min=24.7km az=115.0, Mariana Islands

ISC 02 11:28:25.5-2.1, 13.32N-145.01E, h56km, 21km, mb3.0/4, mbtmp3.4/4, Error ellipse: s-maj=60.3km s-min=24.7km az=115.0, Mariana Islands

ISC 02 11:28:25.5-2.1, 13.32N-145.01E, h56km, 21km, mb3.0/4, mbtmp3.4/4, Error ellipse: s-maj=60.3km s-min=24.7km az=115.0, Mariana Islands

ISC 02 11:28:25.5-2.1, 13.32N-145.01E, h56km, 21km, mb3.0/4, mbtmp3.4/4, Error ellipse: s-maj=60.3km s-min=24.7km az=115.0, Mariana Islands

ISC 02 11:28:25.5-2.1, 13.32N-145.01E, h56km, 21km, mb3.0/4, mbtmp3.4/4, Error ellipse: s-maj=60.3km s-min=24.7km az=115.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include GUMU, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, ASAR, ILAR, YKA, PDAR.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include URFA, GAZ, DARE, DYBB, ARPR, ARPR, KOZT, ERZAN, BNGB, SVAN, CEYD, YEDI, BNN, SVSK, KARA, VRTB, RSDY, GURO, TOKT, YOZ, KOZK, MLIZ, KOPR, AKDM, BEIL, HWQ, BRTR, BRTR, BHL, DQR, NATI, GEM, GEM, MMA0B, MMA1, MMA1, GNI, GNI, ASF, ASF, ASF, MMLI, MMLI, KBZ, EIL, IDI, AKASO, GEYT, AKTO, GERES, ARCES, MKAR, TOR, YKA, PDAR.

DDA 02 11:28:29.4-0.0, 37.58N-38.51E, h7km, 2km, MW3.7

ISC 02 11:28:31.2, 37.53N-38.48E, h16km, ML2.8/8

ISC 02 11:28:31.4-1.0, 37.58N-0.03, 38.53E-0.03, h10km, 10km, n17, c192/31, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include GUMU, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, ASAR, ILAR, YKA, PDAR.

DDA 02 11:28:29.4-0.0, 37.58N-38.51E, h7km, 2km, MW3.7

ISC 02 11:28:31.2, 37.53N-38.48E, h16km, ML2.8/8

ISC 02 11:28:31.4-1.0, 37.58N-0.03, 38.53E-0.03, h10km, 10km, n17, c192/31, Turkey

ISC 02 11:28:31.4-1.0, 37.58N-0.03, 38.53E-0.03, h10km, 10km, n17, c192/31, Turkey

ISC 02 11:28:31.4-1.0, 37.58N-0.03, 38.53E-0.03, h10km, 10km, n17, c192/31, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include GUMU, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, ASAR, ILAR, YKA, PDAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URFA, SANLIURFA_Merk, AKCA, SURC, MAYA, ELZG, GAZiantep, DAREnde-Malaty, ELBS, KAHRAMANMARAS, ELBS, DARB, HEKM, KEM, SARI, KUZU, SVAN.

DDA 02 11:30:21.4-0.0, 37.59N-38.49E, h7km, 2km, ML2.0
ISK 02 11:30:23.5, 37.57N-38.47E, h20km, ML2.6/4
ISC 02 11:30:22.3-1.1, 37.59N-38.49E, 0.03, h9km, 9km, n9, c0561/16, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAB, URFA, SANLIURFA_Merk, SANLIURFA_SURC, AKCA, SURC, NZIP, GAZ, DARB, HEKM, KEM, SARI, KUZU, SVAN.

DDA 02 11:32:46.5-0.0, 37.59N-38.49E, h7km, 3km, MW3.1
ISK 02 11:32:48.4, 37.59N-38.51E, h25km, ML2.8/9
ISC 02 11:32:46.3-1.1, 37.57N-38.51E, 0.03, h19km, 4km, n17, c0590/30, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAB, URFA, SANLIURFA_Merk, SANLIURFA_SURC, AKCA, SURC, MAYA, ELZG, GAZ, DAREnde-Malaty, ELBS, DARB, HEKM, KEM, SARI, KUZU, SVAN.

TEH 02 11:35:50.1, 37.64N-53.39E, h11km, 30km, ML3.4
AZER 02 11:35:52.0-0.9, 37.62N-53.20E, h8km, Error ellipse: s-maj=12.6km s-min=6.0km az=7.0
ISC 02 11:35:51.3-1.1, 37.64N-53.38E, 0.05, h10km, n29, c0585/37, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IGLO, IPRN, ISHM, IZPU, IFIR, MRVT, KLST, IANJ, IAS, IDNV, QALM, ISFB, ASTR, ISFR, LKRN.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LRK, GLBA, YRDM, ANAR, TNSJ, PQL, SIZA, TKDS, IHRP, TPVR, XNQ, QSAR, QSAR, SHEK, GDB, GDB.

ISK 02 11:46:00.9, 37.63N-38.48E, h6km, ML2.7/7
DDA 02 11:46:00.6-0.0, 37.59N-38.51E, h7km, 2km, ML2.7, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAB, SURC, MAYA, GAZ, DAREnde-Malaty, DARB, HEKM, KEM, SARI, KUZU, SVAN, BNGB.

DDA 02 11:47:47.1-0.0, 37.59N-38.48E, h7km, 2km, MW3.3
ISK 02 11:47:48.4, 37.59N-38.43E, h14km, ML2.8/9
ISC 02 11:47:47.0-0.9, 37.59N-38.46E, 0.02, h10km, 8km, n21, c0576/37, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAB, URFA, SANLIURFA_Merk, SANLIURFA_SURC, AKCA, SURC, MAYA, ELZG, GAZ, DAREnde-Malaty, ELBS, DARB, HEKM, KEM, SARI, KUZU, SVAN.

DDA 02 11:51:34.0-0.0, 37.57N-38.51E, h7km, 2km, MW3.1
ISK 02 11:51:35.4, 37.55N-38.49E, h18km, ML2.6/7
ISC 02 11:51:34.9-1.1, 37.57N-38.50E, 0.03, h10km, 8km, n16, c0536/26, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAB, URFA, SANLIURFA_Merk, SANLIURFA_SURC, AKCA, SURC, MAYA, ELZG, GAZ, DAREnde-Malaty, ELBS, DARB, HEKM, KEM, SARI, KUZU, SVAN.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NZIP, ELZG, GAZ, DAREnde-Malaty, DARB, HEKM, KEM, SARI, KUZU, SVAN.

DDA 02 12:04:10.0-0.0, 37.58N-38.50E, h7km, 1km, ML1.4, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAB, SURC, MAYA, GAZ, DAREnde-Malaty, DARB, HEKM, KEM, SARI, KUZU, SVAN.

ISK 02 12:04:48.4, 37.58N-38.46E, h23km, ML2.6/8
ISC 02 12:04:47.6-1.1, 37.56N-38.44E, 0.04, h6km, 15km, n10, c0566/14, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAB, URFA, SANLIURFA_Merk, SANLIURFA_SURC, AKCA, SURC, NZIP, GAZ, DAREnde-Malaty, ELBS, DARB, HEKM, KEM, SARI, KUZU, SVAN.

DDA 02 12:06:05.0-0.0, 37.58N-38.51E, h7km, 3km, MW3.1
ISK 02 12:06:05.3, 37.55N-38.47E, h17km, ML2.9/10
ISC 02 12:06:05.7-1.1, 37.59N-38.50E, 0.02, h7km, 9km, n22, c0544/37, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAB, URFA, SANLIURFA_Merk, SANLIURFA_SURC, AKCA, SURC, MAYA, ELZG, GAZ, DAREnde-Malaty, ELBS, DARB, HEKM, KEM, SARI, KUZU, SVAN.

WEL 02 12:08:57.9, 43°S-8°17'E, h13km, 28km, M2.9/16

2d 12h

mB4.9/1, ML2.8/17, MLV2.9/16, Mw(mB)4.2/1. Error ellipse: s-maj=0.0km s-min=0.0km az=88.3, South Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Lists stations like KHZ Kahutara, GZV Greta Valley S, etc.

NOU 02 12:10:20.0, 43.19S, 173.34E, h0km, MLV3.4/9, Off E. Coast of S. Island, N.Z. WEL 02 12:01:21.8, 43.5S, 177.3E, h19km, 13km, M2.8/23, mB5.0/1, ML3.0/27, MLV2.8/23, Mw(mB)4.3/1, Error ellipse: s-maj=0.0km s-min=0.0km az=86.8

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Lists stations like GZV Greta Valley S, AM CZ Amberley, etc.

DDA 02 12:10:24.4, 0.0, 37.58N, 38.51E, h7km, 2km, ML2.5 ISK 02 12:10:24.7, 37.64N, 38.52E, h8km, ML2.8/9

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Lists stations like ATAB Bozova, ATAB comp=E, 1µm, 0.1s, etc.

DDA 02 12:11:55.0, 0.0, 37.57N, 38.50E, h7km, 2km, ML2.5 ISK 02 12:11:55.8, 1.0, 37.57N, 0.03, 38.54E, 0.03, h10km, 8km, n17, 052/30, Turkey

2017 MAR

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Lists stations like ATAB Bozova, comp=E, 1µm, 0.1s, etc.

MAN 02 12:16:30.1, 4.97N, 125.80E, h110km, mb5.0, ML3.9, M54.0 DJA 02 12:16:32.6, 6.0, 4.5N, 127.16E, h125km, 7km, M4.3/13, mb4.3/10, mB4.8/7, MLV4.6/13, Mw(mB)4.1/7

ISC 02 12:16:31.0, 0.0, 8.56N, 125.81E, 0.06, h122km, 8km, n42, c209/62, mb3.8/13, 8C-4D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Lists stations like GSPH General Santos, GSHI Sangihe, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Lists stations like ARCES ARCESS Array B, YKA Yellowknife Ar.

DDA 02 12:20:52.0, 0.0, 37.58N, 38.51E, h7km, 2km, ML2.4 ISK 02 12:20:53.4, 37.53N, 38.46E, h15km, ML2.7/7

ISC 02 12:20:52.8, 1.0, 37.58N, 0.03, 38.47E, 0.03, h9km, 8km, n17, 050/31, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Lists stations like ATAB Bozova, ATAB comp=N, 1µm, 0.2s, etc.

NOU 02 12:23:05.5, 39.51S, 177.54E, h6km, MLV3.4/7, Off E. Coast of N. Island, N.Z. WEL 02 12:23:08.0, 5.39S, 177.7E, h23km, 6km, M3.6/14, ML3.9/14, MLV3.6/14, Error ellipse: s-maj=0.0km

ISC 02 12:23:06.9, 1.2, 39.46S, 0.03, 177.42E, 0.03, h13km, 9km, n108, 058/127, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Lists stations like CKHZ Cape Kidnapper, ARHZ Aroaonau, etc.

2L 2h

Table with columns: ELBS, comp-E, 14nm, 0.3s, i AML, AML, 12 42 23.0, 12 42 24.0, 12 42 02.8 0.0, 12 42 20.0 +0.1, 12 42 02.7 -0.3, 12 42 20.5 -0.6, 12 42 04.0 -0.1, 12 42 05.5 -0.2, 12 42 23.7 -0.4, 12 42 08.4 -0.5, 12 42 31.4 -0.7, 12 42 37.0, 12 42 09.2 +0.3, 12 42 13.7 +0.8, 12 42 14.7 +0.8, 12 42 14.7 -0.1

BJI 02 12:44:17.9-0.0, 5.19S:151.51E, h157km, mb4.5/36, mB5.0/15, DJA 02 12:44:18.7-0.4, 5.5S:6.15E, h152km, 6km, M5.0/14, mB5.2/3, mb4.5/14, MLV5.3/3, Mw(m)B4.5/3, NEIC 02 12:44:19.9-1.2, 5.04S:0.09E:151.17E:0.06, h145km, 6km, mb4.6/66, Error ellipse: s-maj=13.8km s-min=6.9km az=157.0, IDC 02 12:44:19.4-0.6, 5.10S:151.28E, h148km, 5km, mb4.1/21, mbtmp4.5/23, MS3.6/6, Error ellipse: s-maj=14.0km s-min=9.0km az=94.0, ISC 02 12:44:19.9-0.3, 5.12S:105.1521E:0.06, h150km, n150, r1909/150, mb4.6/64, 1D, New Britain region

Main table with columns: Code, Station Name, Δ° AZ°, Phase ID, ISC, Time Res, h r s, ISC, 12 44 46.6 -1.4, 12 45 01.6, 12 45 04.4 -1.5, 12 44 47.4 -0.4, 12 45 08.1 -0.9, 12 44 47.4 -0.1, 12 45 45.2 +0.5, 12 46 48.8 -2.3, 12 48 13.8, 12 45 45.0 +0.3, 12 45 47.1 +0.0, 12 45 45.4 +0.7, 12 46 34.7 -0.9, 12 46 36.2 +0.6, 12 47 03.3 -0.7, 12 47 41.8 +0.2, 12 47 40.2 -0.5, 12 47 52.7 +0.3, 12 53 12.5, 12 47 53.8 +0.5, 12 47 53.5 +0.2, 12 47 54.2 +0.9, 12 48 28.7 +0.7, 12 48 31.3 +0.6, 12 48 42.0 +1.3, 12 48 39.7 -1.1, 12 48 42.7 +0.3, 12 48 44.0, 12 48 43.2 +0.8, 12 48 54.1 -0.3, 12 48 58.0, 12 48 56.5 +0.8, 12 49 01.2 -0.1, 12 49 01.1 -0.4, 12 49 03.4, 12 49 02.2 -0.6, 12 49 03.2 +0.6, 12 49 02.5 -0.2, 12 49 04.5, 12 49 02.4 -0.6, 12 52 52.8 -3.0, 12 56 18.8 +0.1, 12 49 02.0 -0.9, 12 49 05.1 +0.7, 12 49 07.7 +0.2, 12 49 06.0 -0.2, 12 49 06.4 +0.1, 12 49 33.5, 12 49 11.4 +0.6, 12 49 11.8, 12 49 25.5 +1.3, 12 49 24.5 +0.8, 12 49 25.5 +1.2, 12 49 28.7 +2.4, 12 49 31.0 +2.5, 12 49 29.2 +0.4, 12 49 31.9, 12 49 28.9 +0.3, 12 53 39.3 -1.6, 12 56 26.5 +0.8, 12 49 29.2 +0.4, 12 49 34.9, 12 49 32.1 +0.6, 12 49 34.9, 12 49 33.0 +1.4, 12 49 49.8 +1.2, 12 49 51.1 +0.7, 12 49 57.0 +1.0, 12 49 57.7 0.0, 13 01 44.9, 12 49 57.8 +0.1, 12 49 58.4 +0.7, 13 00 41.5, 12 50 15.9 +0.3, 12 50 43.6, 12 50 18.9 +0.8, 12 50 51.1, 12 50 39.1 +0.8, 12 50 40.0, 12 50 42.9 -1.4, 12 50 53.0 -0.4, 12 50 56.1, 12 51 22.5 +1.0, 12 51 39.5 +1.5, 12 51 45.3 +1.0, 12 51 44.4 -0.1

Main table with columns: URZ, Urewera, 40.54 148, Ruatuhuna, 40.73 149, 12 51 44.9 +0.5, 12 51 46.8 +0.6, 12 51 45.5 +0.6, 12 51 47.6 +1.5, 12 51 47.6 +0.7, 12 51 48.0 +1.7, 12 51 48.5 +1.0, 12 51 48.6 +0.7, 12 51 50.1 +1.7, 12 51 49.2 +0.8, 12 51 50.6 +0.6, 12 51 50.4 -0.4, 12 51 51.6, 12 51 51.5 -0.4, 12 51 52.4 -0.2, 12 51 57.3, 12 52 54.8 +0.8, 12 52 54.0, 12 51 57.4 -0.8, 12 51 58.8, 12 52 03.3 +1.6, 12 53 51.9 -0.9, 12 52 46.9 +2.2, 12 52 55.8 -0.2, 12 53 32.0 +1.5, 12 53 43.1 +1.6, 12 53 47.9 +0.4, 12 53 47.2 -0.3, 12 53 46.5 -1.7, 12 53 47.4 -0.4, 12 53 54.6 +2.3, 12 53 59.0 +0.9, 12 54 34.1 -1.2, 12 53 57.8 -0.8, 12 54 03.5 +3.7, 12 54 35.1 +1.6, 12 54 39.4 -0.8, 12 54 44.3 +1.3, 12 54 46.9 0.0, 12 54 49.4, 12 54 50.2 +1.4, 12 55 18.9 0.0, 12 54 47.9 -1.0, 12 54 51.8, 12 55 00.4 -1.3, 12 55 08.8 +0.2, 12 55 15.8, 12 55 37.2 0.0, 12 55 46.2 +1.7, 12 55 53.7 +0.4, 12 56 10.6 +0.5, 12 56 10.2 +0.1, 12 56 10.8 +0.6, 12 56 11.6 +0.4, 12 56 15.1 -0.2, 12 56 15.6, 12 56 14.8 -0.6, 12 56 15.4 -0.2, 12 56 21.4 -0.1, 12 56 22.2, 12 56 25.2 +1.9, 12 56 22.4 -1.2, 12 56 23.4, 12 56 24.5 -1.7, 12 56 29.6 +0.8, 12 56 28.5 -0.1, 12 56 29.4, 12 56 26.5 -1.7, 12 56 26.4 -1.8, 12 56 27.6 -1.6, 12 56 27.4 -1.3, 12 56 28.2 -0.2, 12 56 33.5 +1.2, 12 56 31.4, 12 56 33.1 +0.6, 12 56 33.6 +0.6, 12 56 36.3 +1.1, 12 56 36.0 +1.0, 12 56 37.2 -0.4, 12 56 46.5 -0.5, 12 56 52.1 -3.7, 12 56 56.5, 12 56 58.5 -0.3, 12 57 06.2, 12 57 05.8 +0.9, 12 57 06.7, 12 57 14.6

Main table with columns: YERR, Yerington, 92.83 51, Iamb, Iamb, 12 57 17.4, 12 57 16.6 +0.3, 12 57 17.0 +0.3, 12 57 18.3, 12 57 19.9 +0.6, 13 34 55.6, 12 57 18.8 -0.5, 12 57 20.3 +0.5, 12 57 21.0, 12 57 23.7 0.0, 12 57 15.5 +0.7, 13 32 23.1, 12 57 31.4 -0.4, 12 57 35.2, 12 57 49.0 -0.6, 13 03 50.5 -0.5, 13 04 28.7 -1.6, 13 03 58.2 -0.1, 12 57 35.2, 12 58 13.2 -0.1, 12 58 25.4 -2.4, 12 58 13.7 +0.2, 12 58 34.0, 12 58 13.5 -0.1, 12 58 13.8 +0.1, 12 58 27.1 -1.2, 12 58 45.5 -1.9, 13 01 19.9 -2.0, 12 59 49.9 -1.9, 13 01 22.1 -2.3, 12 59 51.9 -1.4, 13 01 28.1 +1.0, 12 59 53.1 -1.3, 13 01 27.9 -1.2, 12 59 55.2 -2.6, 13 01 34.4 -1.4, 12 59 55.9 -2.6, 13 01 36.2 -0.2, 12 59 57.1 -2.6, 13 01 36.9 -1.6, 12 59 60.0 -2.0, 13 01 39.6 -2.9, 13 00 01.2 -2.9, 13 01 45.8 -0.7, 13 00 01.4 -3.3, 13 01 45.0 -2.5, 13 01 42.8 -3.3, 13 01 46.6 -1.4, 13 01 02.5 -3.6, 13 01 03.8 -2.4, 13 01 19.7 +1.7, 13 01 29.4 +1.2, 13 01 34.7 -0.9, 13 04 16.2 -1.5, 13 01 47.0 +3.3, 13 07 35.5, 13 02 18.7 +4.9, 13 02 50.1, 13 02 38.2 -6.3, 13 03 26.1 -0.4, 13 04 05.1, 13 03 45.6 +2.1, 13 03 48.1, 13 04 11.2 +2.1, 13 04 13.9, 13 15 56.0, 13 04 34.5 +0.4, 13 04 37.6, 13 04 41.6 +1.7, 13 17 35.1, 13 04 41.6 +1.7, 13 04 43.6, 13 18 11.6, 13 05 17.7 -0.4, 13 05 52.6 +0.3, 13 05 51.9 -0.4, 13 07 41.5 +0.5, 13 24 10.3, 13 05 51.7 -0.6, 13 05 58.6 -0.2, 13 06 01.5, 13 05 60.0 -0.2, 13 06 02.5, 13 05 59.3 -0.9, 13 06 02.4, 13 06 00.0 -0.3, 13 05 60.0 -0.3, 13 05 59.9 -0.5, 13 06 02.7, 13 06 52.1 +0.5, 13 07 04.3 +0.4, 13 29 26.6, 13 07 33.6 -0.4, 13 07 36.7, 13 07 56.2 +1.6, 13 49 14.2, 14 39 15.5, 14 39 17.4

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

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

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

IDC 02 14:08:26.5±10.0,24:66N:140:70E, h188km±191km, mb2.9/3, mbmp3.5/4, ML4.3/1, Error ellipse: s-maj=332.3km s-min=26.8km az=71.0, Volcano Islands region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like WRA, ASAR, MKAR, etc.

JMA 02 14:11:23.4±0.1,27:5N:10:14'E±, h138km, MV3.8/24, NEAR CHICHUJIMA ISLAND

IDC 02 14:11:24.0±0.4,27:53N:141:44E, h151km,82km, mb3.2/3, mbmp3.6/3, Error ellipse: s-maj=366.1km s-min=28.5km az=86.0

ISC 02 14:11:22.9±0.9,27:64N:0:09:141:8E:0.3, h150km, n14, α1584/16, mb3.5/3, Bonin Islands region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CBUJ, JCHJ, JHH2, etc.

RSNC 02 14:26:19.1±1.1,8:51N:73:24W, h142km±6km, ML3.9, Mw4.4

IDC 02 14:26:20.7±1.1,8:46N:73:00W, h154km±11km, mb3.4/8, mbmp3.9/10, Error ellipse: s-maj=17.3km s-min=9.5km az=129.0

ISC 02 14:26:18.6±0.7,8:57N:0:03:73:25W:0:04, h134km±6km, mb3.6/8, mbmp3.9/10, Northern Colombia region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like LLIC, LLSC, PAMC, etc.

ISK 02 14:07:17.9±0.4,31:1N:33:04E, h30km, ML2.5/4

NIC 02 14:07:20.6±0.0,34:78N:33:84E, h28km, ML2.0/7

ISC 02 14:07:19.4±1.6,34:85N:0:06:33:95E:0:05, h46km±10km, n15, α669/26, 1C-2D, Cyprus region

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

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRH	comp=N,39nm,0.5s				14 42 56.8	
MEINT	comp=E,53nm,0.5s					
M26K	Mentasta	5.45	48	Pn	14 41 57.3 +0.1	
M26K	Nabesna, AK	5.47	55	Pn	14 41 57.3 +0.1	
M26K	Nabesna, AK	5.47	55	Pn	14 41 57.5 +0.1	
HDA	Harding Lake	5.52	26	Pn	14 41 58.1 0.0	
HDA	Harding Lake	5.52	26	Pn	14 41 58.2 +0.1	
MLY	Manley	5.53	8	Pn	14 41 57.7 -0.6	
CCB	Clear Creek Bu	5.55	22	Pn	14 41 58.1 -0.4	
RIDG	Independent Ri	5.57	38	Pn	14 41 58.6 -0.1	
RIDG	Independent Ri	5.57	38	Pn	14 41 59.2 +0.4	
L26K	Log Cabin Wild	5.64	48	Pn	14 42 00.3 +0.6	
BARN	Barnard Glacie	5.64	70	Pn	14 41 58.5 -1.4	
TCOL	CIGO, UAF Yank	5.75	21	Pn	14 42 01.1 0.0	
TCOL	CIGO, UAF Yank	5.75	21	Pn	14 42 01.3 +0.1	
COLA	College	5.75	21	Pn	14 42 01.1 -0.1	
DOT	Dot Lake	5.76	41	Pn	14 42 01.1 -0.2	
MDM	Murphy Dome	5.76	19	Pn	14 42 01.2 -0.2	
I23K	Minto, Yukon-K	5.78	14	Pn	14 42 01.6 0.0	
I23K	Minto, Yukon-K	5.78	14	Pn	14 42 01.4 -0.1	
IL31		5.85	25	Pn	14 42 02.2 -0.3	
ILAR	Eielson Array	5.85	25	Pn	14 42 01.9 -0.6	
ILAR	comp=E,16nm,0.5s,baz=209,slow=14,SNR=326				14 43 05.0 -3.1	
ILAR	comp=E,17nm,0.7s,baz=204,slow=25,SNR=17					
ILAR	Eielson Array	5.85	25	Pn	14 42 02.4 -0.2	
M27K	Edge Creek, AK	5.92	57	Pn	14 42 03.6 -0.1	
SAHM	Samovar Hills	5.99	80	Pn	14 42 04.9 +0.4	
SCRK	Sand Creek	6.01	39	Pn	14 42 03.9 -0.9	
SCRK	Sand Creek	6.01	39	Pn	14 42 04.4 -0.4	
POKR	Poker Plat Res	6.05	21	Pn	14 42 04.0 -1.3	
POKR	Poker Plat Res	6.05	21	Pn	14 42 05.2 -0.1	
H21K	Melozitna Rive	6.09	359	Pn	14 42 05.6 -0.2	
L27K	Beaver Creek,	6.25	52	Pn	14 42 08.0 0.0	
PCA	Pinnacle	6.25	80	Pn	14 42 08.0 -0.1	
PCAR	Pinnacle	6.26	80	Pn	14 42 08.0 -0.2	
BNM	comp=27.1					
BNM	Beaver Creek A	6.27	52	Pn	14 42 08.1 -0.2	
YUK3	Moose Creek	6.36	65	Pn	14 42 10.0 +0.3	
H23K	Yukon River	6.42	11	Pn	14 42 10.3 +0.1	
H23K	Yukon River	6.42	11	Pn	14 42 10.3 +0.1	
IMAR	Indian Mountai	6.44	356	Pn	14 42 10.4 -0.2	
J26L	Joseph Creek	6.51	37	Pn	14 42 11.2 -0.3	
J26L	Joseph Creek	6.51	37	Pn	14 42 11.0 -0.6	
H24K	Noodor Dome	6.64	17	Pn	14 42 13.0 -0.3	
PRP	Porcupine Dome	6.79	26	Pn	14 42 15.0 -0.4	
PRP	Porcupine Dome	6.79	26	Pn	14 42 15.2 -0.2	
YUK4	Talbot Arm	7.13	70	Pn	14 42 20.8 +0.7	
I26K	Coal Creek Min	7.22	33	Pn	14 42 20.5 -0.7	
EGAK	Eagle	7.46	41	Pn	14 42 23.9 -0.6	
HYT	Haines Junctio	7.63	74	Pn	14 42 27.3 +0.4	
DAWY	Dawson	7.70	49	Pn	14 42 27.9 +0.1	
COLD	Coldfoot	7.74	7	Pn	14 42 26.5 -1.8	
FYU	Fort Yukon	7.76	22	Pn	14 42 27.7 -0.8	
ANM	Nome	7.78	315	Pn	14 42 29.6 +0.7	
M30M	Minto, Yukon	8.23	62	Pn	14 42 34.9 -0.1	
NS1M	Braeburn, Yuko	8.51	70	Pn	14 42 39.2 +0.3	
EMAR	Burnt Mountain	8.44	49	Pn	14 42 39.3 +1.3	
SKAG	Skagway	8.79	83	Pn	14 42 42.1 -0.5	
MAYO	Mayo, Yukon	8.92	56	Pn	14 42 43.8 -0.5	
TOLK	Took Lake Re	9.18	7	Pn	14 42 48.9 +0.9	
TNA	Tin City	9.24	317	Pn	14 42 50.4 +1.8	
IM31M	Drury Creek, Y	9.26	66	Pn	14 42 50.4 +1.8	
JIS	Juneau Island	9.52	90	Pn	14 42 53.8 +1.3	
FARO	Faro, Yukon	9.74	66	Pn	14 42 55.0 -0.6	
EPYK	Eagle Plains	9.90	40	Pn	14 42 58.3 +0.6	
P33M	Teslin, Yukon	9.96	78	Pn	14 42 58.5 +0.2	
DLBC	Dease Lake	11.69	86	Pn	14 43 23.4 +1.3	
DLBC	comp=E,2.6nm,0.3s,baz=299,slow=9.0,SNR=20				14 45 27.6 -2.9	
DLBC	comp=E,4.3nm,0.5s,baz=145,slow=22,SNR=7.5					
DLBC	Dease Lake	11.69	86	Pn	14 43 23.5 +1.4	
INK	Inuvik	12.05	36	Pn	14 43 26.7 -0.1	
INK	comp=E,1.7nm,0.6s,baz=293,slow=15,SNR=13					
INK	Inuvik	12.05	36	Pn	14 43 26.1 -0.7	
A36M	Sachs Harbor	16.51	30	Pn	14 44 22.8 -1.6	
A36M	comp=Z,7.4nm,0.8s				14 44 28.6	
YKA	Yellowknife Ar	18.45	65	Pn	14 44 48.0 -0.1	
YKA	comp=Z,2.3nm,0.5s,baz=277,slow=9.6,SNR=46					
YKA	Yellowknife Ar	18.45	65	Pn	14 44 46.5 -0.4	
NEW	Newport	23.47	103	Pn	14 45 42.4 +2.2	
NEW	comp=Z,3.5nm,0.7s,baz=307,slow=10.0,SNR=5.5					
WALA	Waterton Lakes	24.55	98	Pn	14 45 48.3 -1.8	
WALA	comp=Z,3.5nm,1.1s				14 46 08.2	
SEY	Seymchan	25.96	301	Pn	14 46 01.6 -1.0	
SEY	comp=Z,0.5nm,0.5s,baz=84,slow=11,SNR=6.1					
SEY	comp=Z,0.5nm,0.5s					
PETK	Petrovavlovsk-	27.71	279	Pn	14 46 17.4 -0.9	
PETK	comp=Z,1.5nm,0.8s,baz=74,slow=12,SNR=16					
PETK	comp=Z,1.5nm,0.8s					
NVAR	Mina Array Bea	30.36	119	Pn	14 46 45.0 +2.8	
NVAR	comp=Z,0.4nm,0.4s,baz=307,slow=8.9,SNR=4.4					
NVAR	comp=Z,0.3nm,0.4s					
PDAR	Pinedale Array	31.11	103	Pn	14 46 51.0 +2.1	
PDAR	comp=Z,0.5nm,0.7s,baz=312,slow=4.2,SNR=6.5					
TXAR	Lajitas Array	44.66	110	Pn	14 48 44.7 +2.2	
TXAR	comp=Z,0.6nm,0.8s,baz=331,slow=5.4,SNR=4.3					
TXAR	comp=Z,0.6nm,0.8s					
KSR5	Korea Array	53.46	283	Pn	14 49 49.1 -0.3	
KSR5	comp=Z,0.9nm,0.5s,baz=37,slow=6.9,SNR=5.3					
KSR5	comp=Z,0.9nm,0.5s					
SONM	Songino Array	55.19	306	Pn	14 50 02.6 +0.5	
SONM	comp=Z,0.3nm,0.4s,baz=42,slow=5.8,SNR=4.8					
SONM	comp=Z,0.3nm,0.4s					
ZALV	Zalesovo Beam	57.82	324	Pn	14 50 20.4 0.0	
ZALV	comp=Z,1.6nm,0.6s,baz=21,slow=7.9,SNR=7.9					
ZALV	comp=Z,1.6nm,0.6s					
MKAR	Makanchi Array	64.87	322	Pn	14 51 07.6 -0.5	
MKAR	comp=Z,0.6nm,0.5s,baz=35,slow=6.7,SNR=10					
MKAR	comp=Z,0.6nm,0.5s					

DDA 02 14:46:36.3-0.0,37.61N-38.46E,h7km,1km,ML2.6
 ISK 02 14:46:37.9,37.60N-38.43E,h16km,ML2.6/8
 ISC 02 14:46:36.9-1.2,37.60N-0.03-38.44E,0.03,h4km,1.1km,
 n16,0.064/23,Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
URFA	Urfa	0.34	117	Op	14 46 46.2 +0.7	
URFA	Urfa	0.35	93	Pg	14 46 50.9 -0.3	
HANM	anurfa/Hi	0.38	93	Pb	14 46 43.3 -0.3	
HANM	comp=N,67nm,0.2s				14 46 48.0	
HANM	SANLIURFA_Merk	0.61	134	P	14 46 48.1 0.0	
SANL	SANL	0.61	134	Pg	14 46 48.2 -0.3	
SANL	SANL	0.61	134	Pg	14 46 56.2 +0.2	
AKCA	Adyaman/G'ijl	0.63	288	P	14 46 49.1 +0.1	
AKCA	comp=Z,1.6nm,0.6s				14 46 58.3 +1.1	
AKCA	comp=N,383nm,0.3s				14 47 03.0	
MAYA	Malatya/Merkez	0.73	359	P	14 46 49.9 -1.0	
SURC	SANLIURFA_SURC	0.73	169	P	14 46 50.0 0.0	
GZT	Gaziantep	0.82	251	P	14 46 51.8 -0.6	
NZIP	Nizip/Gaziantep	0.83	228	P	14 46 51.7 -1.0	
GAZ	Gaziantep	1.07	247	Pg	14 46 58.5 -0.1	
GAZ	Gaziantep	1.07	247	Pg	14 47 13.9 -0.1	
DARE	Darende-Malaty	1.23	322	Pn	14 47 00.9 +0.4	
DARE	Darende-Malaty	1.23	322	Pn	14 47 18.2 +0.2	
DYBB	Diyarbakir	1.39	75	Pn	14 47 02.5 -0.5	
DYBB	Diyarbakir	1.39	75	Pn	14 47 22.4 +0.9	
ARPR	Arapgir-MALATY	1.50	357	Pn	14 47 04.5 -0.8	
MAZI	Mazidag	1.60	94	Pn	14 47 05.6 -0.4	
SARI	Sariz-Diz-Kayseri	1.79	297	Pn	14 47 09.0 +0.3	
KOZT	Kozan	2.08	269	Pn	14 47 13.2 -0.7	
SVAN	Silvan-Diyarba	2.25	75	Pn	14 47 15.7 +0.9	

UPP 02 14:52:01.0-1.6717N-20.64E,h0km,ML2.2,
 Confirmed Induced event,Sweden

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
DUNU	Dundret	0.06	209	P	14 52 02.4 +0.3	
DUNU	Dundret	0.06	209	Pg	14 52 03.4 +0.6	
MASU	Masfudensbyn	0.60	61	P	14 52 12.5 +0.1	
RATU	Laukkulusta	0.77	329	P	14 52 15.5 -0.3	
SALU	Saitokulusta	0.85	285	P	14 52 17.4 +0.1	
ERTU	Ertisjaerv	0.87	135	P	14 52 17.1 -0.5	
NIKU	Nikkaluokta	0.93	319	P	14 52 18.1 -0.7	
PAJU	Pajala	0.98	98	P	14 52 19.2 -0.6	
HEF	Hetta	1.69	41	Pn	14 52 31.9 +0.1	
KIF	Kilpisjarvi	1.84	2	eP	14 52 35.7 +0.2	

BER 02 14:52:48.2-0.9,60.85N,5.06E,h0km,ML0.8,Suspected
 explosion,Southern Norway

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
SUE	Sulen	0.25	325	eP	14 52 52.5 -0.6	
SUE	Sulen	0.25	325	eS	14 52 56.2 -0.1	
SUE	Sulen	0.25	325	eS	14 52 58.0	
SUE	comp=Z,4.6nm,0.1s				14 52 54.8 -0.5	
ASK	Askoy	0.38	170	eP	14 52 59.5 -0.6	
ASK	Askoy	0.38	170	eS	14 53 02.9	
ASK	Askoy	0.38	170	eS	14 53 02.9	
ASK	comp=Z,6.7nm,0.1s				14 52 58.9 -1.4	
HYA	Hoyanger	0.63	60	eP	14 52 58.9 -1.4	
HYA	Hoyanger	0.63	60	eS	14 53 09.5	
HYA	Hoyanger	0.63	60	eS	14 53 09.5	
HYA	comp=Z,2.7nm,0.1s				14 53 11.4 -0.9	
FOO	Flo	0.75	359	eS	14 53 08.9 -1.8	
ODD1	Odda	1.22	140	eP	14 53 26.2 -1.2	

2d 14h

Table with columns for station code, name, frequency, and signal strength. Includes stations like JOW, JSD, JMM, JSS, etc.

2017 MAR

Table with columns for station code, name, frequency, and signal strength. Includes stations like KLR, TIY, XLT, SGRP, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like LZH, CIT, QIZ, CD2, etc.

MA2	comp=Z,511nm,18.7s,baz=196,slow=39	LR	LR	15 12 58.5	
MA2	comp=Z,9.4nm,0.8s				
MA2	Magadan	29.71 19	P	14 59 47.6 +3.2	
MA2	Magadan	29.71 19	P	14 59 45.4 +1.0	
NONG	comp=Z,32nm,1.7s				
NONG	Nongkai	29.77 248	P	14 59 46.6 +1.2	
TNCH	comp=Z,24nm,0.7s				
TNCH	TengChong	30.26 264	eP	14 59 50.3 +0.3	
TNCH			pP	15 00 03.8 +1.6	
TNCH			PnPn	15 00 54.4 +1.3	
TNCH			S	15 04 44.5 -2.2	
TNCH			sS	15 05 07.4 +0.1	
TNCH	comp=Z,27nm,0.5s				
TNCH			pmx		
TNCH	comp=Z,220nm,4.4s				
TNCH			pmx		
TNCH	comp=Z,580nm,13.0s				
TNCH			LR		
TNCH	comp=Z,470nm,14.6s				
TNCH			LR		
GOMU	comp=Z,2um,16.8s				
GOMU	GeErMu	30.83 287	P	14 59 54.4 -0.7	
GOMU			PcP	15 02 51.9 +0.6	
GOMU			S	15 04 48.0 -7.8	
GOMU			pmx		
GOMU	comp=Z,10.0nm,0.6s				
GOMU			pmx		
GOMU	comp=Z,210nm,4.0s				
GOMU			LR		
GOMU	comp=Z,520nm,18.4s				
GOMU			LR		
GOMU	comp=Z,1um,20.8s				
GOMU			LR		
PHRA	comp=Z,1um,20.2s				
TNTI	Phrae	31.84 252	P	15 00 02.1 -1.6	
TNTI	Ternate	31.98 189	P	15 00 07.1 +2.3	
CHTO	Chiang Mai	32.71 253	P	15 00 10.8 -0.6	
CHTO	Chiang Mai	32.71 253	P	15 00 10.8 -0.6	
CM31	Chiang Mai Arr	32.90 253	P	15 00 11.8 -1.2	
CMAR	Chiang Mai Arr	32.90 253	P	15 00 12.4 -0.5	
CMAR	comp=Z,4.0nm,0.6s,baz=47,slow=8.5,SNR=36				
CMAR			PcP	15 02 57.0 +0.3	
CMAR	comp=Z,1.7nm,0.9s,baz=33,slow=2.2,SNR=2.0				
CMAR			LR	15 14 46.0	
CMAR	Chiang Mai Arr	32.90 253	P	15 00 12.7 -0.3	
CMAR	Chiang Mai Arr	32.90 253	P	15 00 12.6 -0.3	
SEY	comp=Z,4.0nm,0.6s				
SEY	Seymchan	32.96 17	LR	15 13 27.0	
SEY			LR	15 13 27.0	
SEY	comp=Z,702nm,21.2s,baz=182,slow=36				
SEY	Seymchan	32.96 17	P	15 00 12.2 -0.8	
H11N2	WAKE ISLAND Hy	33.62 104	T	15 36 20.5	
H11N1	WAKE ISLAND Hy	33.63 103	T	15 36 23.3	
H11N3	WAKE ISLAND Hy	33.64 104	T	15 36 27.0	
H11S3	WAKE ISLAND Hy	34.07 106	T	15 36 40.0	
H11S1	WAKE ISLAND Hy	34.08 106	T	15 36 55.5	
H11S2	WAKE ISLAND Hy	34.09 106	T	15 36 55.1	
MPSI	Mapaga	34.09 202	P	15 00 23.9 +0.6	
FAKI	Fak Fak	35.33 180	P	15 00 32.1 -1.9	
FAKI	Fak Fak	35.33 180	P	15 00 35.7 +1.7	
FAKI	Fak Fak	35.33 180	P	15 00 35.4 +1.4	
SHEM	Shemya Is, Ala	36.19 44	LR	15 15 04.5	
WMQ	comp=Z,343nm,21.7s,baz=197,slow=35				
WMQ	Urumqi	36.23 301	eP	15 00 41.0 -0.6	
WMQ			pP	15 01 51.6 -2.5	
WMQ			PP	15 02 06.9 +2.4	
WMQ	comp=Z,49nm,1.7s				
WMQ			pmx		
WMQ	comp=Z,100nm,5.5s				
WMQ			LR		
WMQ	comp=Z,1um,16.5s				
WMQ			LR		
WMQ	comp=Z,2um,24.1s				
WMQ			LR		
BRDH	Bariadhala	36.97 265	LR	15 18 46.6	
DGZ	Jazzator, Alta	37.08 311	iP	15 00 48.4 -0.5	
DGZ			pmx		
ZSN	Zaisan	38.46 307	iP	15 01 00.1 -0.4	
ZSN	Zaisan	38.46 307	P	15 01 00.0 -0.4	
TAPN	Taplejung	38.58 274	eP	15 01 01.5 -0.4	
TIXI	Tiksi	39.14 358	LR	15 17 41.9	
TIXI	comp=Z,1um,19.8s,baz=90,slow=37				
TIXI	Tiksi	39.14 358	P	15 01 04.7 -1.0	
TIXI	Tiksi	39.14 358	P	15 01 04.9 -0.8	
KAPI	Kappang	39.20 200	LR	15 18 01.8	
BBKI	Banjar Baru	39.42 208	P	15 01 09.8 +1.1	
ZALV	Zalesovo Beam	39.54 317	P	15 01 07.5 -1.8	
ZALV	comp=Z,0.6nm,0.3s,baz=104,slow=6.3,SNR=4.0				
ZALV			PcP	15 03 15.5 -0.4	
ZALV	comp=Z,2.8nm,0.8s,baz=108,slow=4.7,SNR=3.3				
ZALV			ScP	15 07 00.5 -0.3	
ZALV	comp=Z,2.0nm,0.6s,baz=121,slow=4.2,SNR=6.9				
ZALV			LR	15 18 42.7	
RAMN	Ramite	39.64 274	eP	15 01 10.0 -0.8	
JIRN	Jiri	39.76 275	eP	15 01 11.4 -0.5	
GUN	Gumba	39.94 276	eP	15 01 12.5 -0.8	
MK31	Makanchi Array	40.17 306	P	15 01 12.4 -2.3	
MK31	Makanchi Array	40.17 306	P	15 01 12.4 -2.3	
MKAR	Makanchi Array	40.17 306	P	15 01 13.3 -1.4	
MKAR	comp=Z,2.5nm,0.5s,baz=91,slow=10,SNR=40				
MKAR			ScP	15 07 03.5 +0.1	
MKAR	comp=Z,2.3nm,0.6s,baz=94,slow=4.0,SNR=8.3				
MKAR			LR	15 19 07.5	
MKAR	comp=Z,2um,19.4s,baz=122,slow=38				
MKAR			pmx		
MKAR	comp=Z,2.5nm,0.5s				
MKAR	Makanchi Array	40.17 306	P	15 01 13.1 -1.6	
IPM	Iphoh	40.31 233	P	15 01 14.8 -1.4	
IPM			IAMB	15 01 17.8	
IPM	comp=Z,71nm,1.4s				
IPM	Iphoh	40.31 233	P	15 01 17.1 +1.0	
MAKZ	Makanchi	40.39 306	P	15 01 13.6 -2.9	
MAKZ	Makanchi	40.39 306	P	15 01 13.6 -2.9	
MAKZ	comp=Z,23nm,0.9s				
MAKZ			pmx		
MAKZ	Makanchi	40.39 306	P	15 01 15.4 -1.1	
MAKZ			pP	15 01 26.6 -2.4	
MAKZ			sP	15 01 31.2 -3.3	
PKI	Pulchoki	40.44 275	eP	15 01 16.9 -0.6	
PKIN	Pulchoki	40.45 275	eP	15 01 16.8 -0.7	
KKN	Kakani	40.48 276	eP	15 01 17.3 -0.4	
BILL	Bilibino	40.58 19	P	15 01 18.0 +0.4	
BILL			IAMB	15 01 21.0	
BILL	comp=Z,39nm,1.0s				
BILL	Bilibino	40.58 19	iP	15 01 18.7 +1.0	
BILL			iPP	15 01 30.3 0.0	
BILL			e'SP	15 01 36.1 +0.3	
BILL			i	15 02 55.5	
BILL			e	15 03 18.7	
BILL			S	15 07 28.4 +4.9	
BILL			e'SS	15 07 47.3 +4.4	
BILL			SS	15 10 26.0 +1.6	
BILL			SSS	15 10 53.2	
BILL	comp=Z,54nm,1.3s				
BILL			pmx		

BILL	comp=Z,567nm,16.0s	MLR	MLR		
BILL	Bilibino	40.58 19	P	15 01 18.9 +1.2	
BILL			pP	15 01 30.2 0.0	
BILL			eP	15 01 34.5 -1.3	
GKN	Gorkha	40.95 276	eP	15 01 20.2 -1.3	
RABL	Rabaul	41.27 149	P	15 01 27.8 +3.8	
KRVT	Keravat (AS076)	41.31 149	LR	15 16 04.0	
DANN	Dangsing	41.58 277	eP	15 01 25.8 -1.0	
KOLN	Koldana	41.90 277	eP	15 01 27.3 -2.0	
SHLS	Shalkode	42.22 300	eP	15 01 28.0 -3.7	
SHLS	Shalkode	42.22 300	eP	15 01 28.0 -3.7	
SHLS	Shalkode	42.22 300	eP	15 01 28.0 -3.7	
PYUN	Piuthan	42.30 277	eP	15 01 31.5 -1.1	
PPBI	Pangkal Pinang	42.41 220	P	15 01 34.5 +1.2	
UZB	Uzynbulak	42.54 300	eP	15 01 33.6 -0.7	
UZB	Uzynbulak	42.54 300	eP	15 01 33.6 -0.7	
UZB	Kokpek	42.77 301	eP	15 01 35.3 -0.8	
KPKS	Kokpek	42.77 301	eP	15 01 35.3 -0.8	
SOEI	Soe	42.78 191	P	15 01 37.1 +0.7	
SOEI	Soe	42.78 191	P	15 01 36.2 -0.2	
KURK	Kurchatov	42.82 311	P	15 01 34.8 -1.5	
KURK	Kurchatov	42.82 311	P	15 01 35.5 -0.7	
KURK	Kurchatov	42.82 311	P	15 01 34.8 -1.5	
KURK	Kurchatov	42.82 311	P	15 01 46.1 -2.9	
KURK	Kurchatov	42.82 311	P	15 01 51.0 -3.5	
kurSB	Kurchatov Arra	42.87 311	LR	15 20 39.3	
PSI	Prapat	42.96 233	P	15 01 39.3 +1.4	
ZHN	Zhinshke	42.97 300	eP	15 01 37.1 -0.7	
ZHN	Zhinshke	42.97 300	eP	15 01 37.0 -0.7	
SATY	Saty	43.00 300	eP	15 01 37.5 -0.6	
SATY	Saty	43.00 300	eP	15 01 37.4 -0.6	
SATY	Port Moresby	43.00 300	eP	15 01 39.4 -1.3	
ARX	Arharly	43.34 302	eP	15 01 44.8 +3.5	
PLAI	Plampang	43.40 201	P	15 01 43.6 +1.5	
GRJI	Greslik	43.51 209	P	15 01 43.2 +0.4	
TWSI	Taliwang, Sumb	43.59 202	P	15 01 42.2 -1.2	
MLSI	Meulaboh, Aceh	43.66 237	P	15 01 44.4 -1.3	
CHKK	Chushkaly	43.97 301	eP	15 01 44.3 -1.3	
CHKK	Chushkaly	43.97 301	eP	15 01 45.3 -0.7	
MDOK	Medeo	43.98 300	eP	15 01 56.4 -2.3	
MDOK	Medeo	43.98 300	eP	15 01 45.2 -0.7	
MDOK	Medeo	43.98 300	eP	15 01 56.3 -2.3	
AAA	Alma-Ata	44.08 300	eP	15 01 45.8 -0.8	
AAA	Alma-Ata	44.08 300	eP	15 01 45.8 -0.8	
AAA	Alma-Ata	44.08 300	eP	15 01 45.8 -0.8	
SDSI	Sungai Dareh	44.16 227	P	15 01 48.0 +0.6	
PMG	comp=Z,17nm,1.6s				
PMG	Port Moresby	44.19 158	LR	15 18 18.1	
PMG	comp=Z,2.11nm,21.9s,baz=310,slow=33				
NRIK	Nori'sk	44.36 339	P	15 01 47.7 -0.7	
NRIK	comp=Z,10nm,0.7s,baz=115,slow=10,SNR=15				
NRIK			LR	15 21 32.4	
NRIK	comp=Z,1um,20.4s,baz=128,slow=38				
NRIK			LR	15 21 32.4	
NRIK	Nori'sk	44.36 339	eP	15 01 48.1 -0.3	
KUU	Kury	44.43 301	eP	15 01 47.3 -2.1	
KUU	Kury	44.43 301	eP	15 01 47.2 -2.1	
PWJI	Pagerwojo	44.79 209	P	15 01 53.0 +0.7	
GSI	Gunungsitoli	44.97 233	P	15 01 52.9 -0.9	
GSI	Gunungsitoli	44.97 233	P	15 02 13.7	
GSI	Gunungsitoli	44.97 233	P	15 01 55.8 +1.9	
GSI	Gunungsitoli	44.97 233	P	15 01 53.3 -0.6	
TKM2	Tokmak 2	45.07 300	P	15 01 54.6 -0.1	
MTN	Manton Dam	45.20 181	P	15 01 54.7 -0.9	
MTN	Manton Dam	45.20 181	P	15 01 56.8	
MTN	Manton Dam	45.20 181	P	15 01 57.0 +1.4	
UGM	Wanagama	45.23 211	P	15 01 55.0 -0.9	
UGM	Wanagama	45.23 211	P	15 01 57.3 +1.4	
KSH	Kashi	45.25 295	P	15 02 00.5 +4.4	
KSH	Kashi	45.25 295	P	15 02 11.0 +2.1	
KSH	Kashi	45.25 295	P	15 11 50.2 +1.3	
KSH	comp=Z,6.0nm,0.8s				
KSH			LR	15 18 42.7	
KSH	comp=Z,990nm,17.5s				
KSH			LR	15 18 42.7	
KSH	comp=Z,1um,16.1s				
KSH			LR	15 18 42.7	
MDSI	Maura Dua	45.41 221	P	15 01 56.7 -0.7	
MASI	Maura Aman, Be	45.42 224	P	15 01 58.8 +1.3	
KPJI	Karang Pucung	45.43 213	P	15 01 58.7 +1.3	
KBK	Karayabulak	45.57 300	P	15 01 55.9 -2.7	
CHMS	Chumysh	45.67 300	P	15 01 58.7 -0.5	
SGDS	Sogindy	45.71 301	eP	15 01 59.5 -0.1	
SGDS	Sogindy	45.71 301	eP	15 01 59.5 -0.1	
USPD	Ospenovka	45.83 301	eP	15 01 59.9 -0.6	
AAK	Ala-Archa	45.91 300	P	1	

ISK 02 15:11:24.3,37.52N,38.47E, h17km, ML2.5/9
ISC 02 15:11:22.8,1.1,37.54N,0.03,38.48E,0.02,h5km,1.1km,
n17,0.582/27, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like ATAB Bozova, URFa UrfA, HANM anIurfa/Hi, SANLU SANLIURFA_Merk, SURC SURC, AKCA Adyaman/G[...], etc.

NEIC 02 15:13:35.3,1.6,18.6S,0.2,177.6W,0.2,h611km,13km,
mb4.5/26, Error ellipse: s-maj=28.9km s-min=22.0km
az=79.0

IDC 02 15:13:36.4,1.2,18.53S,177.81W,h618km,15km,
mb3.0/12, mbtmp4.0/15, Error ellipse: s-maj=21.1km
s-min=11.8km az=140.0

ISC 02 15:13:35.7,0.8,18.5S,0.1,177.78W,0.10,h609km,9km,
n52,1919/58,mb4.1/22, Fiji Islands region

Main table of station data for the first section, including stations like MSVF Nonsavu, AFI Afiamalu, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like ARCES ARCESS Array B, FINES FINES Array B, AKAG Malin Array Be, etc.

IDC 02 15:19:03.1,2.6,1.95S,133.52E,h0km,mb3.7/2,
mbtmp3.7/3,ML3.4/1, Error ellipse: s-maj=125.8km
s-min=27.0km az=76.0, Irian Jaya region

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

IDC 02 15:29:44.7,2.6,1.99S,133.48E,h0km,mb3.7/2,
mbtmp3.7/3,ML3.7/1,MS3.4/1, Error ellipse:
s-maj=126.5km s-min=27.3km az=76.0, Irian Jaya
region

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

IDC 02 15:48:37.4,3.2,6.43S,147.42E,h0km,mb3.0/1,
mbtmp3.3/3,ML3.4/1, Error ellipse: s-maj=79.6km
s-min=34.3km az=91.0, Eastern New Guinea region

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

JMA 02 16:00:14.8,0.1,2.91N,110.14'E, h392km, MV3.6/22,
NEAR TORISHIMA IS
IDC 02 16:00:16.5,0.8,2.99N,139.61E,h362km,10km,mb3.0/8,
mbtmp3.8/12, Error ellipse: s-maj=29.9km s-min=9.6km
az=75.0

ISC 02 16:00:15.8,0.8,2.91N,110.14'E, h350km,n23,
1643/29,mb3.7/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like CBIJ Chichi jima, JHJ Mitsune, JHJ Hachiji jima, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like ILAR Eielson Array, ARCES ARCESS Array B, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like NOA NORSTAR Array B, DNK 02 16:26:48.6,2.8,5.61N,12.31E, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like BJJU Bjuv, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like LUNU Lund, FALU Falkenberg, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like FALU Falkenberg, DEL Delary, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like DEL Delary, ONAU Onsa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like GNOU Gnosjoe, BORU Boraas, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like MUD Monsted U'grind, TJOU Tjoem, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like TJOU Tjoem, BLEU Bleikinge, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like HOMB Homborsund, VIKU Vikbolandet, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like HFS Hagfors, BJJU Bjuv, etc.

BUHA	S	Sg	16 34 15.7	-0.1	
BUHA	i AML	AML	16 34 19.0		
BUHA	comp=N,61nm,0.4s				
DKL	0.77 124	Pg	16 34 05.5	-0.3	
LIA	0.80 300	P	16 34 06.4	-0.1	
LIA	S	Pb	16 34 18.5	+1.2	
LIA	comp=N,315nm,0.4s				
LIA	0.80 300	P	16 34 06.5	0.0	
KARB	0.87 163	P	16 34 17.2	+0.2	
KARB	S	Pg	16 34 07.7	-0.1	
KARB	S	Pb	16 34 19.8	+0.4	
KARB	i AML	AML	16 34 21.0		
KARB	comp=N,103nm,0.3s				
CANM	0.90 55	Pg	16 34 08.0	-0.3	
ZEDA	0.94 125	P	16 34 08.7	-0.3	
ZEDA	S	Pb	16 34 22.1	-0.7	
ZEDA	i AML	AML	16 34 24.0		
ZEDA	comp=N,68nm,0.4s				
GELI	0.94 18	Pg	16 34 08.6	-0.4	
LPK	1.01 30	Pg	16 34 10.0	-0.2	
PSRA	1.04 203	P	16 34 10.5	-0.1	
SMTH	1.06 336	P	16 34 10.8	-0.2	
SMTH	S	Pb	16 34 25.1	+0.4	
SMTH	comp=N,78nm,0.2s				
SMTH	1.06 336	P	16 34 10.7	-0.2	
SMTH	S	Pb	16 34 25.1	+0.4	
SMTH	i AML	AML	16 34 25.9		
SMTH	comp=E,144um,0.3s				
CHOS	1.11 181	P	16 34 11.4	-0.5	
CHOS	S	Pb	16 34 26.3	-0.1	
CHOS	comp=N,182nm,0.4s				
CHOS	1.11 181	Pn	16 34 12.0	0.0	
CHOS	S	Pb	16 34 11.5	-0.5	
CHOS	S	Pb	16 34 26.6	+0.3	
CHOS	i AML	AML	16 34 30.5		
CHOS	comp=E,483um,0.3s				
BALY	1.21 78	P	16 34 13.9	+0.3	
BALY	S	Pb	16 34 29.0	0.0	
BALY	i AML	AML	16 34 32.0		
BALY	comp=N,50nm,0.4s				
URLA	1.21 161	Pn	16 34 33.0		
URLA	S	Pn	16 34 12.9	-0.5	
URLA	S	Pn	16 34 12.1	-1.3	
URLA	i AML	AML	16 34 30.0	+0.1	
URLA	comp=N,45nm,0.3s				
ERIK	1.21 15	Pn	16 34 13.2	-0.2	
ENEZ	1.23 2	Pn	16 34 14.0	+0.3	
STEP	1.27 95	P	16 34 15.6	+0.3	
STEP	S	Pg	16 34 32.8	+0.9	
STEP	i AML	AML	16 34 36.0		
STEP	comp=N,52nm,0.4s				
KRBG	1.29 46	Pn	16 34 38.0		
GONE	1.35 96	Pn	16 34 14.8	+0.3	
BALB	1.39 84	Pn	16 34 16.0	+0.1	
ALN	1.39 359	Pn	16 34 15.3	-0.6	
ALN	S	Pn	16 34 16.7	0.0	
ALN	S	Pn	16 34 16.0	+0.1	
ALN	i AML	AML	16 34 34.1	-0.1	
ALN	comp=N,73um,0.4s				
ALN	1.39 359	S	16 34 36.1		
ALN	1.39 359	S	16 34 36.3		
RYN	1.45 35	Pn	16 34 17.3	+0.5	
THAS	1.52 317	Pn	16 34 17.7	+0.4	
THAS	i AML	AML	16 34 41.7		
THAS	comp=N,87um,0.3s				
THAS	1.52 317	S	16 34 41.8		
UKOP	1.68 14	Pn	16 34 21.1	-0.4	
RDO	1.70 346	Pn	16 34 19.9	-0.2	
RDO	S	Pn	16 34 20.9	+0.8	
RDO	S	Pn	16 34 20.8	+0.8	
KAVA	1.92 322	Pn	16 34 23.4	+0.3	
TUL	02:16:43:39.8:1.1,36:54N:0:01:98:96W:0:01,6:6km,2km,ML3.3,mb_Lg3,1/71(NEIC),ML3.5/28(NEIC),Error ellipse: s-maj=2.1km s-min=1.2km az=147.0,NEIC 02:16:43:39.5:0.8,36:55N:0:02:99:00W:0:03,1/11km,5km,Error ellipse: s-maj=3.8km s-min=2.2km az=113.0,ANF 02:16:43:40.1:1.1,36:52N:98:95W,7h7km,9km,ML3.8/8,Error ellipse: s-maj=14.4km s-min=7.6km az=101.0,ISC 02:16:43:39.9:0.9,36:53N:98:95W:0:03,109km,6km,n122,0:09:92/126,Oklahoma				

KAN09	Sg	Sb	16 44 19.8	+0.5	
KAN13	Sg	Sb	16 44 03.8	-0.2	
KAN13	Sg	Pb	16 44 20.8	+0.1	
KS21	1.28 54	i AML	16 44 23.0		
KS21	1.28 54	Pn	16 44 03.9	-0.1	
KS21	Sg	Pn	16 44 20.7	0.0	
KS20	1.32 58	Sg	16 44 04.4	-0.1	
BLOK	1.41 80	Sb	16 44 21.9	-0.1	
OK02	1.42 121	Pg	16 44 05.9	0.0	
ADOK	1.55 124	Pn	16 44 06.9	+0.1	
AD050	1.59 94	Pn	16 44 08.4	+0.6	
OK025	1.62 126	Pn	16 44 09.1	+0.7	
OK045	1.64 92	Pn	16 44 09.8	+0.8	
OK046	1.65 94	Pn	16 44 10.0	+0.8	
OK043	1.70 106	Pn	16 44 10.6	+0.5	
OK044	1.74 95	Pn	16 44 11.3	+0.8	
FNO	1.79 135	Pn	16 44 11.9	+0.9	
WMOK	1.80 176	Pn	16 44 11.2	0.0	
WMOK	1.80 176	Pn	16 44 11.4	+0.2	
WMOK	S	Sb	16 44 35.7	0.0	
OK031	1.80 108	Pn	16 44 12.1	+0.9	
OK050	1.82 107	Pn	16 44 12.3	+0.8	
OK050	1.82 106	Pn	16 44 12.9	+1.0	
OK052	1.85 101	Pn	16 44 12.8	+1.0	
OK030	1.85 108	Pn	16 44 12.8	+0.9	
OK034	1.88 105	Pn	16 44 13.2	+0.9	
R32A	1.90 6	Pn	16 44 13.3	+0.7	
R32A	1.90 6	Pn	16 44 13.3	+0.7	
R32A	S	Sb	16 44 38.2	-0.4	
T35A	2.00 78	Pn	16 44 14.3	+0.4	
T35A	i AML	Pn	16 44 43.6		
T35B	2.00 78	P	16 44 14.5	+0.6	
T35B	S	Sn	16 44 40.4	+1.4	
DEOK	2.10 108	Pn	16 44 15.7	+0.4	
X34A	2.13 154	Pn	16 44 15.8	0.0	
X34A	i AML	Pn	16 44 51.6		
W35A	2.18 129	Pn	16 44 17.1	+0.7	
CBKS	2.36 345	Pn	16 44 19.4	+0.5	
CBKS	i AML	Pn	16 44 56.1		
CBKS	2.36 345	P	16 44 19.7	+0.8	
TUL1	2.63 103	Pn	16 44 22.5	-0.1	
TUL1	i AML	Pn	16 45 07.9		
TUL1	2.63 103	P	16 44 22.6	+0.1	
AMTX	2.77 234	Pn	16 44 25.5	+0.9	
AMTX	i AML	Pn	16 45 08.8		
AMTX	2.77 234	P	16 44 24.9	+0.3	
WTF5	2.79 172	Pn	16 44 23.3	-1.5	
LOOK	2.92 150	Pn	16 44 25.4	-1.2	
KSU1	3.16 35	Pn	16 44 29.3	-0.7	
KSU1	i AML	Pn	16 45 22.5		
KSU1	3.16 35	P	16 44 30.5	+0.5	
KSU1	S	Sn	16 45 09.3	+1.5	
RLO	3.19 95	Pn	16 44 30.3	0.0	
Z35A	3.49 156	Pn	16 44 35.0	+0.6	
X37A	3.50 123	Pn	16 44 35.2	+0.6	
FW03	3.56 168	Pn	16 44 36.3	+0.9	
FW03	i AML	Pn	16 45 39.9		
U58A	3.68 90	Pn	16 44 36.2	-0.9	
FW06	3.73 162	Pn	16 44 38.9	+1.1	
FW06	i AML	Pn	16 45 48.7		
KSCO	3.82 311	Pn	16 44 38.6	-0.5	
KSCO	i AML	Pn	16 45 50.5		
FW07	3.94 166	Pn	16 45 55.7		
ABTX	3.94 189	Pn	16 44 41.2	+0.6	
ABTX	i AML	Pn	16 45 52.9		
MSTX	4.04 232	Pn	16 44 41.6	-0.5	
MSTX	i AML	Pn	16 45 58.9		
POST	4.04 212	Pn	16 44 42.0	-0.1	
POST	i AML	Pn	16 45 51.7		
HHAR	4.05 92	Pn	16 44 42.9	+0.7	
FW13	4.36 163	Pn	16 46 04.9		
FW14	4.37 160	Pn	16 46 10.0		
T25A	4.42 279	Pn	16 44 48.0	+0.6	
T25A	i AML	Pn	16 46 02.0		
Z38A	4.61 134	Pn	16 46 10.0		
S39A	4.64 74	Pn	16 44 49.8	-0.5	
S39A	i AML	Pn	16 46 06.2		
WHXY	4.70 164	Pn	16 45 52.5	+1.5	
MIAR	4.81 113	Pn	16 44 53.2	+0.6	
BGNE	4.91 7	Pn	16 46 20.2		
OGNE	5.02 332	Pn	16 44 55.6	0.0	
OGNE	i AML	Pn	16 46 22.0		
N35A	5.04 30	Pn	16 44 57.4	+1.7	
P38A	5.27 53	Pn	16 44 58.6	-0.3	
P38A	i AML	Pn	16 46 34.5		
SDCO	5.37 285	Pn	16 44 58.7	-1.9	
SDCO	i AML	Pn	16 46 36.6		
Q24A	5.48 298	Pn	16 45 01.0	-1.1	
Q24A	i AML	Pn	16 46 33.6		
WHAR	5.55 101	Pn	16 45 02.2	-0.5	
WHAR	i AML	Pn	16 46 42.0		
FCAR	5.56 95	Pn	16 45 00.9	-1.9	
WLAR	5.56 119	Pn	16 45 03.2	+0.3	
HTMS	5.60 225	Pn	16 45 01.5	-2.0	
R40A	5.60 70	Pn	16 45 01.6	-1.8	
UALR	5.66 106	Pn	16 46 45.0		
L34A	5.78 19	Pn	16 45 05.2	-0.7	
BRIGG	5.83 315	Pn	16 46 52.4		
435B	5.85 168	Pn	16 47 01.0		
CLNB	5.89 225	Pn	16 45 08.9	+1.3	
Z41A	6.02 121	Pn	16 45 07.6	-1.5	
JCT	6.08 187	Pn	16 45 08.6	-1.5	
JCT	i AML	Pn	16 46 58.9		
K31A	6.08 1	Pn	16 45 08.2	-1.9	
K31A	i AML	Pn	16 46 56.8		
N38A	6.17 45	Pn	16 45 10.2	-1.0	
ISCO	6.18 304	Pn	16 47 21.2	-2.5	
P40A	6.21 59	Pn	16 45 10.3	-1.6	
GD2L	6.22 228	Pn	16 45 10.4	-1.7	
ANMO	6.31 258	Pn	16 45 11.1	-2.3	
LCAR	6.31 92	Pn	16 45 12.3	-0.9	
LCAR	i AML	Pn	16 46 57.8		
CCM	6.33 74	Pn	16 47 09.7		
S22A	6.41 283	Pn	16 45 13.3	-1.5	
SNM	6.71 251	Pn	16 47 21.1	-1.0	
PHWY	6.96 315	Pn	16 47 21.1		
SCIA	6.97 38	Pn	16 47 30.6		
N23A	6.99 311	Pn	16 47 26.7		

comp=Z,37nm,1.1s	7.19 230	Pn	16 45 25.2	-0.1	
MNXT	7.41 13	Pn	16 45 27.9	-0.4	
ECSO	7.48 81	i AML	16 47 44.8		
CGM3	7.90 360	i AML	16 47 56.9		
SUSD	8.05 97	i AML	16 48 13.8		
W45A	8.15 45	Pn	16 45 38.8	+0.4	
L40A	8.15 45	Pn	16 45 38.4	-0.3	
LPV17	8.20 210	Pn	16 45 38.5	-0.7	
TX31	8.20 210	Pn	16 45 38.5	-0.7	
TX32	8.20 210	Pn	16 45 38.5	-0.7	
TXAR	8.20 210	Pn	16 45 38.5	-0.7	
K22A	8.45 319	i AML	16 48 28.9		
RSSD	8.51 334	i AML	16 48 17.6		
HDIL	8.56 59	Pn	16 45 42.4	-1.7	
L42A	9.04 50	Pn	16 45 47.2	-3.3	
L42A	9.04 50	Pn	16 48 45.1		
JFWS	9.25 44	i AML	16 48 40.9		

DDA 02:16:44:10.0:0.0,37:57N:38:51E,h7km,2km,ML3.3
 ISK 02:16:44:11.1,37:55N:38:46E,h19km,ML3.9/9
 ISC 02:16:44:10.5:0.9,37:57N:0:03:38:49E:0.02,h11km,8km,
 n31,0:07/243,Turkey

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
ATAB	Bozova	0.19 237	Op P	S	16 44 17.7	+0.3
ATAB			i AML	AML	16 44 18.0	
ATAB	comp=N,8um,0.2s				16 44 18.0	
URFA	Urfa	0.29 116	Pg	Pb	16 44 18.6	+0.8
URFA			Sg	Sb	16 44 22.9	+0.2
HANM	anlurfa/Hi	0.31				

2d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mount Meron ar, Mount Meron Ar, Malin Array Be, etc.

IDC 02 17:12:21.9+1.0, 43.29N:88.77E, h0km, mb3.5/8, mbmp3.6/13, ML3.3/5, MS3.0/2, Error ellipse: s-maj=33.2km s-min=12.4km az=48.0

NNC 02 17:12:26.7+5.4, 43.35N:88.11E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=42.1km s-min=34.7km az=95.0

ISC 02 17:12:23.0+0.9, 43.37N:0.008:88.63E:0.08, h10km, n22, r=1980/30, mb3.5/8, 9C-2D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WMQ, Makanchi Array, Kurbatov Arra, etc.

NNC 02 17:29:59.1+3.8, 36.95N:70.97E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=33.0km s-min=26.4km az=137.0

ISC 02 17:29:56.4+1.5, 36.45N:0.009:71.3E:0.2, h200km, n18, r=184/21, 4C-2D, Afghanistan-Tajikistan border region

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Almayashu, Uchtor, Erkin-Say, etc.

DDA 02 17:38:41.4+0.0, 37.58N:38.51E, h7km, 1km, ML2.8, ISK 02 17:38:43.3, 37.55N:38.52E, h20km, ML3.0/12

ISC 02 17:38:42.0+1.0, 37.59N:0.005:38.50E:0.03, h8km, g9km, n14, r=982/20, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Bozova, Urfu, anhuri/HI, etc.

IDC 02 18:17:34.9+2.0, 0.87S:130.86E, h0km, mb3.7/4, mbmp3.6/5, ML3.3/1, Error ellipse: s-maj=103.4km

DJA 02 18:17:38.9+0.5, 0.5 S:5.13 E:1, h47km, g8km, M3.8/8, ML3.8/8

ISC 02 18:17:40.5+1.0, 0.62S:109.130:74E:0.08, h35km, n14, r=258/11, mb3.7/4, Iranian Jaya region

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

IDC 02 18:37:27.7+1.3, 22.73S:112.15W, h0km, mb3.8/4, mbmp3.8/4, MS3.3/3, Error ellipse: s-maj=52.0km

ISC 02 18:37:28.6+1.5, 22.8S:0.4x:112.1W:0.3, h10km, n23, r=0570/12, mb3.8/4, Easter Island region

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

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

DDA 02 18:46:35.4+0.0, 37.91N:27.21E, h7km, 5km, ML1.5, ISK 02 18:46:35.6, 37.95N:27.27E, h11km, ML2.2/6, Turkey

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

IDC 02 18:48:32.4+0.6, 37.96N:120.68E, h0km, mb4.0/19, mbmp4.0/24, ML3.5/5, MS3.1/15, Error ellipse: s-maj=15.8km s-min=13.0km az=34.0

MOS 02 18:48:33.9, 1.3, 37.90N:120.71E, h20km, mb4.4/15, Error ellipse: s-maj=9.0km s-min=6.3km az=124.6

BUI 02 18:48:34.7+0.0, 38.06N:120.77E, h10km, mb4.1/21, mb4.6/6, ML4.5/14, Ms4.0/18, Ms7.3/17

NEIC 02 18:48:35.5+1.6, 38.20N:0.08:120.80E:0.09, h13km, 5km, mb4.4/20, Error ellipse: s-maj=12.9km s-min=8.9km az=219.0

KEA 02 18:48:35.4, 38.26N:121.03E, h15km, ML4.4/4

ISC 02 18:48:35.1+0.4, 38.25N:0.004:120.76E:0.03, h10km, n15, r=2501/130, mb4.2/38, MS3.1/13, 7C-2D, Northeastern China

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like BTO, BNK, BNX, MDJ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK, KURB, GUMO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YKA, STKA, NVAR, etc.

NEIC 02 19:13:15.7:1.6, 61.35N, 0:08:27.4W, 0:1, h10km, 1km, mb5.0/431, Error ellipse: s-maj=13.7km s-min=10.6km az=177.0

BGR 02 19:13:20.2:61.71N:27.04W, h33km, mb4.9, Ms4.2 DNK 02 19:13:25.5:5.9, 62.221N:28.63W, h0km, 22km, MLL3.8, Ms4.7

ISC 02 19:13:15.9:0.5, 61.30N, 0:04:27.41W, 0:03, h14km, 3km, h13km: p-P, n1161, e1933/1141, mb4.9/354, MS4.3/105, 46C-20D, Iceland region

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Rows include NA001 NORSTAR Array S, NOA NORSTAR Array B, NOC303 NORSTAR Array S, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Rows include BFO Black Forest, BFO Black Forest, STU Stuttgart, etc.

2d 19h

CSS	comp=Z,18nm,0.9s	I Amb	I Amb	19 21 47.0	
Y49A	Blount Mountain	46.17 261	P	P	19 21 40.1 +0.2
Y49A	comp=Z,22nm,1.1s	I Amb	I Amb	19 21 42.8	
H23K	Yukon River	46.18 331	P	P	19 21 40.1 +0.5
H23K	comp=Z,17nm,1.4s	I Amb	I Amb	19 21 51.2	
H23K	Yukon River	46.18 331	P	P	19 21 39.9 +0.2
EGMT	Eagleton	46.19 293	P	P	19 21 40.1 +0.1
EGMT	Eagleton	46.19 293	P	P	19 21 40.5 +0.5
GNAT	Gosnell	46.19 266	P	P	19 21 39.3 +0.8
GAZ	Gaziantep	46.20 91	I Amb	I Amb	19 21 40.0 +0.3
GAZ	comp=Z,17nm,1.2s	I Amb	I Amb	19 21 45.6	
KARS	Kars	46.31 83	P	P	19 21 41.3 +0.1
KARS	Kars	46.31 83	P	P	19 21 41.3 +0.1
SCRK	Sand Creek	46.31 327	P	P	19 21 41.2 +0.4
TIXI	Tiksi	46.31 10	I Amb	I Amb	19 21 41.3 +0.8
TIXI	comp=Z,9.2nm,0.9s	I Amb	I Amb	19 21 44.2	
TIXI	Tiksi	46.31 10	ceP	P	19 21 42.3 +1.8
IL31	comp=Z,14nm,1.3s	I Amb	I Amb	19 21 41.1 -0.2	
IL31	IL31	46.41 329	P	P	19 21 41.6
ILAR	Eielsen Array	46.41 329	P	P	19 21 41.5 +0.1
ILAR	comp=Z,1.5nm,0.9s,baz=34,slo=6.9,SNR=11	PcP	PcP	19 23 15.2 -0.7	
ILAR	comp=Z,2.2nm,0.8s,baz=35,slow=2.2,SNR=11	LR	LR	19 41 16.2	
ILAR	comp=Z,1.7nm,2.0s,baz=26,slo=36	comp=Z,1.5nm,0.9s			
ILAR	Eielsen Array	46.41 329	P	P	19 21 41.1 -0.3
S39A	Bolivar	46.41 271	P	P	19 21 41.2 -0.6
S39A	Bolivar	46.41 271	P	P	19 21 41.4 -0.4
DLBC	Dease Lake	46.41 315	LR	LR	19 21 41.9 +0.3
DLBC	Dease Lake	46.41 315	P	P	19 21 41.9 +0.3
BCAR	Beaver Creek A	46.45 325	P	P	19 21 41.5 -0.3
L27K	Beaver Creek A	46.46 325	P	P	19 21 42.0 0.0
L27K	Beaver Creek A	46.46 325	P	P	19 21 41.2 -0.8
G21K	Allakaket	46.49 333	P	P	19 21 41.7 -0.3
RSSD	Black Hills	46.53 285	P	P	19 21 43.5 +0.6
RSSD	Black Hills	46.53 285	I Amb	I Amb	19 21 48.2
RSSD	comp=Z,4.0nm,1.9s	I Amb	I Amb	19 21 43.5 +0.6	
RSSD	Black Hills	46.53 285	P	P	19 21 43.5 +0.6
RSSD	comp=Z,4.0nm,2.0s	I Amb	I Amb	19 21 44.1 +1.2	
RSSD	Black Hills	46.53 285	P	P	19 21 42.5 0.0
H22K	Ishlailina Cre	46.55 332	P	P	19 21 42.8 +0.2
COLC	College	46.56 330	P	P	19 21 42.8 +0.2
TCOL	CICO, UAF Yank	46.56 330	P	P	19 21 42.5 -0.2
MDM	Murphy Dome	46.58 330	P	P	19 21 42.9 +0.1
MDM	MDM	46.58 330	I Amb	I Amb	19 21 53.9
O30N	Mendenhall	46.59 320	P	P	19 21 42.8 -0.2
DOT	Dot Lake	46.59 327	P	P	19 21 44.5 +1.5
DOT	Dot Lake	46.59 327	I Amb	I Amb	19 22 53.0
LCAR	Lake Charles	46.66 268	P	P	19 21 43.5 -0.2
LCAR	LCAR	46.66 268	I Amb	I Amb	19 21 46.4
I23K	Minto, Yukon-K	46.70 330	P	P	19 21 43.9 +0.3
HDA	Harding Lake	46.72 329	P	P	19 21 44.4 +0.5
RIDG	Independent Ri	46.73 327	P	P	19 21 44.5 +1.2
RIDG	Independent Ri	46.73 327	P	P	19 21 44.9 +0.9
P32M	Atlin	46.76 318	P	P	19 21 43.6 -0.7
KSU1	Kansas State U	46.88 275	P	P	19 21 45.1 -0.3
KSU1	Kansas State U	46.88 275	P	P	19 21 45.7 +0.3
L26K	Log Cabin Wild	46.91 326	P	P	19 21 45.5 +0.1
K24K	Donnelly Dome	46.92 328	P	P	19 21 45.9 +0.4
HYD	Haines Junctio	46.98 321	P	P	19 21 46.0 -0.2
RDOG	Red Dog Mine	46.98 339	P	P	19 21 44.4 -1.5
RDOG	Red Dog Mine	46.98 339	I Amb	I Amb	19 21 58.4
RDOG	Red Dog Mine	46.98 339	P	P	19 21 46.1 +0.2
IMAR	Indian Mountai	47.00 333	P	P	19 21 46.2 +0.1
H21K	Melozitna Rive	47.07 333	P	P	19 21 46.9 +0.3
H21K	Melozitna Rive	47.07 333	P	P	19 21 47.0 +0.4
OXF	Oxford	47.07 265	P	P	19 21 48.4 +1.4
NEA2	Nenana	47.09 330	P	P	19 21 46.3 -0.5
LRAL	Lakeview Retre	47.12 261	P	P	19 21 47.0 -0.3
LRAL	LRAL	47.12 261	I Amb	I Amb	19 21 50.3
LRAL	Lakeview Retre	47.12 261	P	P	19 21 48.0 +0.6
LRAL	Lakeview Retre	47.12 261	P	P	19 21 47.7 +0.3
MLY	Manley	47.12 331	P	P	19 21 46.6 -0.5
MLY	MLY	47.12 331	I Amb	I Amb	19 23 16.2
MLY	Manley	47.12 331	P	P	19 21 46.8 -0.3
ZKTA	Zakatala	47.22 79	P	P	19 21 47.9 -0.2
WALA	Wateron Lakes	47.23 297	P	P	19 21 47.7 -0.5
BBTS	Babate	47.23 166	LR	LR	19 38 47.4
U40A	Yellville	47.25 269	P	P	19 21 48.4 0.0
U40A	comp=Z,198nm,20.1s,baz=359,slow=32				
FCAR	Ozark Folk Cen	47.27 268	P	P	19 21 48.2 -0.3
I21K	Tanana	47.28 332	P	P	19 21 48.1 -0.1
I21K	Tanana	47.28 332	P	P	19 21 48.7 +0.5
ABKAR	Akbulak array	47.45 63	P	P	19 21 50.2 +0.4
ABKAR	Akbulak array	47.45 63	P	P	19 21 50.5 +0.7
ABKAR	ABKAR	47.45 63	I Amb	I Amb	19 21 55.3
GNI	Garni	47.48 82	LR	LR	19 40 43.1
GNI	Garni	47.48 82	LR	LR	19 21 51.8 +1.5
GNI	Garni	47.48 82	ceP	P	19 21 51.2 +0.9
GNI	comp=Z,37nm,1.7s	I Amb	I Amb	19 21 51.1 +0.9	
PAX	Paxson	47.52 327	P	P	19 21 52.7 +1.1
Q29M	Mount Kennedy	47.72 319	P	P	19 21 51.1 -0.7
MCK	McKinley	47.77 329	P	P	19 21 51.8 -0.3
SEKA	Sheki	47.82 79	P	P	19 21 52.9 +0.1
O28M	Mount Upton	47.83 322	P	P	19 21 53.3 +0.4
WHAR	Woolly Hollow	47.83 268	P	P	19 21 52.2 -0.6
HHAR	Hobbs	47.83 270	P	P	19 21 52.9 0.0
GANJ	Ganja	47.84 80	P	P	19 21 52.8 -0.2
U38A	Gravette	47.92 271	P	P	19 21 52.8 -0.8
U38A	U38A	47.92 271	I Amb	I Amb	19 21 57.9
U38A	comp=Z,11nm,0.8s	I Amb	I Amb	19 21 53.2 -0.4	
BPWA	Bear Paw Mtn.	47.96 330	P	P	19 21 53.3 -0.3
OGNE	Ogallala	48.03 281	P	P	19 21 55.1 +0.6
OGNE	Ogallala	48.03 281	P	P	19 21 56.1 +1.6

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HRH	Hilger Researc	48.10 293	P	P	19 21 53.8 -1.2
MNGR	Mingechevir, A	48.11 79	P	P	19 21 54.8 -0.1
GEVA	Gevas	48.12 85	P	P	19 21 55.9 +0.6
RLMT	Red Lodge	48.17 29	P	P	19 21 55.0 -0.6
RLMT	Red Lodge	48.17 29	P	P	19 21 56.7 +1.1
UALR	University of	48.27 268	P	P	19 21 56.4 +0.1
N25K	Chitina, Valde	48.41 325	P	P	19 21 57.7 +0.6
R32A	Long Quarter,	48.43 276	P	P	19 21 57.0 -0.4
R32A	comp=Z,22nm,1.1s	I Amb	I Amb	19 22 06.0	
RLO	Rose Lookout	48.45 271	P	P	19 21 56.0 -1.6
RLO	comp=Z,17nm,0.7s	I Amb	I Amb	19 22 12.9	
CHUM	Lake Minchum	48.46 331	P	P	19 21 57.2 -0.2
T35A	Sooner Cattle	48.56 273	P	P	19 21 58.4 -0.1
T35A	comp=Z,20nm,1.2s	I Amb	I Amb	19 22 07.7	
NAX	Nakhchivan	48.60 82	P	P	19 21 58.9 0.0
MMAI	Mount Meron Ar	48.68 96	LR	LR	19 43 32.7
BRVK	Borovyoye	48.72 53	P	P	19 22 00.6 +0.8
BRVK	Borovyoye	48.76 53	P	P	19 22 06.6 +0.8
BRVK	comp=Z,5.0nm,0.9s	I Amb	I Amb	19 22 00.2 -0.4	
K22A	Casper	48.82 286	P	P	19 22 02.8
K22A	comp=Z,14nm,0.9s	I Amb	I Amb	19 22 01.1 +0.5	
K22A	Casper	48.82 286	P	P	19 22 01.1 +0.5
BVAR	Borovyoye Array	48.82 53	LR	LR	19 41 45.0
YMP	Mirror Lake Pl	48.87 290	P	P	19 22 00.1 -1.1
YMP	YMP	48.87 290	I Amb	I Amb	19 22 04.5
BOZ	Bozeman (W)	48.87 292	P	P	19 22 01.1 +0.1
BOZ	Bozeman (W)	48.87 292	I Amb	I Amb	19 22 04.3
BOZ	Bozeman (W)	48.87 292	P	P	19 22 01.1 +0.1
BOZ	Bozeman (W)	48.87 292	P	P	19 22 01.9 +1.0
MSO	Missoula	48.94 295	P	P	19 22 00.5 -0.9
MSO	MSO	48.94 295	I Amb	I Amb	19 22 06.2
MSO	Missoula	48.94 295	P	P	19 22 01.3 -0.2
KAN13	South Haven SW	48.95 274	P	P	19 22 00.4 -1.1
OKN12	North Star Sta	48.98 274	P	P	19 22 00.9 -1.2
KAN08	Anthony Ne Sta	49.02 272	P	P	19 22 00.8 -1.2
TUL1	Leonard	49.02 272	P	P	19 22 04.6
TUL1	Leonard	49.02 272	I Amb	I Amb	19 22 04.6
BLOK	Blackwell	49.03 273	P	P	19 22 01.7 -0.4
YUF	Upper Falls	49.05 290	P	P	19 22 02.4 0.0
YUF	YUF	49.05 290	I Amb	I Amb	19 22 13.4
MIAR	Mount Ida	49.05 269	P	P	19 22 01.9 -0.3
MIAR	Mount Ida	49.05 269	P	P	19 22 02.0 -0.3
MIAR	Mount Ida	49.05 269	P	P	19 22 02.4 +0.1
MIAR	Mount Ida	49.05 269	P	P	19 22 01.6 -0.7
LRM	Limekiln Ridge	49.06 293	P	P	19 22 01.9 -0.7
KAN17	Caldwell West	49.06 293	P	P	19 22 01.2 -1.2
KAN05	Bluff City Nor	49.07 274	P	P	19 22 04.0 +1.6
LKWY	Lakeview	49.11 290	P	P	19 22 03.9 +0.9
LKWY	Lakeview	49.11 290	P	P	19 22 03.9 +0.9
LKWY	comp=Z,6.0nm,0.8s	I Amb	I Amb	19 22 03.3 +0.2	
YNR	Norris Junctio	49.12 291	P	P	19 22 02.1 -1.4
OK044	Pawnee Station	49.13 273	P	P	19 22 02.5 -0.4
OK045	Pawnee Station	49.17 273	P	P	19 22 02.4 -0.8
OK046	Pawnee Station	49.21 273	P	P	19 22 03.0 -0.5
OK050	Pawnee Station	49.22 298	LR	LR	19 42 16.6
NEW	Newport	49.22 298	P	P	19 22 03.5 0.0
NEW	Newport	49.22 298	P	P	19 22 03.5 0.0
NEW	Newport	49.22 298	P	P	19 22 03.5 0.0
NEW	Newport	49.22 298	P	P	19 22 03.1 -0.4
NEW	Newport	49.22 298	P	P	19 22 02.7 -1.0
QUOK	Quay	49.25 273	P	P	19 22 03.6 -0.2
QUOK	Quay	49.25 273	I Amb	I Amb	19 22 05.3
YMR	Madison River	49.29 291	P	P	19 22 05.0 +0.8
K20K	Telida	49.32 332	P	P	19 22 03.4 -0.6
K20K	Telida	49.32 332	I Amb	I Amb	19 22 17.1
H17A	Grant Village	49.32 290	P	P	19 22 05.7 +1.1
H17A	Grant Village	49.32 290	I Amb	I Amb	19 22 09.2
H17A	comp=Z,10nm,1.0s	I Amb	I Amb	19 22 06.4 +1.8	
PHWY	Pilot Hill	49.37 284	P	P	19 22 03.6 -1.4
PHWY	PHWY	49.37 284	I Amb	I Amb	19 22 07.7
QLMT	Quartz Lake Lak	49.37 291	P	P	19 22 04.8 -0.1
BRIGG	Briggsdale	49.40 282	P	P	19 22 04.6 -0.5

S22A	4UR Ranch, Cre	52.83	282	P	P	19 22 32.7	+1.6
P18A	Preston Nutter	52.92	286	P	I Amb	19 22 31.3	-0.5
WHTX	comp-Z,13nm,1.0s	53.01	270	P	I Amb	19 22 30.9	-1.1
WHTX	comp-Z,15nm,0.9s	53.16	331	P	P	19 22 33.9	+1.1
O17K	Koligang Bris	53.17	289	P	P	19 22 34.9	+1.6
BGU	Big Grassy Mou	53.19	284	P	P	19 22 33.9	+0.3
PV21	Cone Mtn., Par	53.24	43	P	P	19 22 35.8	+0.8
ZAA0	Zalesovo Array	53.24	43	P	P	19 22 33.9	+0.4
ZALV	Zalesovo Beam	53.24	43	P	P	19 22 33.9	+0.4
ZALV	comp-Z,2.6nm,0.6s,baz=323,slow=6.7,SNR=12	53.24	43	P	P	19 22 33.9	+0.4
ZALV	comp-Z,1.8nm,0.9s,baz=5.7,slow=2.9,SNR=4.0	53.24	43	P	P	19 22 33.9	+0.4
ZALV	comp-Z,1.62nm,18.8s,baz=328,slow=38	53.24	43	P	P	19 22 33.7	+0.2
ZALV	comp-Z,2.6nm,0.6s	53.24	43	P	P	19 22 35.7	+2.2
ZALV	Zalesovo Beam	53.24	43	P	P	19 22 36.0	+2.0
ZALV	Zalesovo Beam	53.24	43	P	P	19 22 35.0	+0.9
MPU	Maple Canyon	53.26	288	P	P	19 22 39.1	
P17A	Butcher Ranch,	53.26	286	P	I Amb	19 22 37.0	+2.6
P17A	comp-Z,38nm,1.7s	53.26	284	P	P	19 22 35.7	+1.3
PV23	Carpenter Rig	53.29	284	P	P	19 22 37.0	+2.6
PV12	Saucer Basin,	53.30	284	P	I Amb	19 22 39.6	
PV01	comp-Z,30nm,1.6s	53.34	284	P	P	19 22 35.5	+0.8
PV11	Paradox Valley	53.35	284	P	P	19 22 37.2	+2.5
PV11	David Mesa, Pa	53.35	284	P	I Amb	19 22 39.9	
PV14	comp-Z,19nm,1.3s	53.36	284	P	P	19 22 36.1	+1.3
PV16	comp-Z,32nm,1.8s	53.36	284	P	I Amb	19 22 37.9	
PV16	Nyswonger Mesa	53.36	284	P	I Amb	19 22 35.5	+0.6
PV10	Paradox Valley	53.37	284	P	I Amb	19 22 33.5	-1.4
PV10	comp-Z,38nm,1.7s	53.37	284	P	I Amb	19 22 39.0	
PV03	Paradox Valley	53.37	284	P	P	19 22 36.0	+1.1
PV17	East Wray Mesa	53.41	284	P	P	19 22 33.0	-2.2
PV18	Skein Mesa, Pa	53.41	284	P	I Amb	19 22 36.0	+0.8
PV18	comp-Z,18nm,1.2s	53.44	284	P	I Amb	19 22 44.7	
SRV3	Radium Mtn., P	53.44	284	P	I Amb	19 22 35.8	+0.3
SRU	comp-Z,18nm,1.2s	53.47	286	P	I Amb	19 22 45.0	
SRU	San Rafael Swe	53.47	286	P	I Amb	19 22 35.3	-0.3
SRU	comp-Z,11nm,0.8s	53.47	286	P	P	19 22 35.3	-0.3
SRU	San Rafael Swe	53.47	286	P	P	19 22 35.3	-0.3
SRU	comp-Z,11nm,0.8s	53.47	286	P	P	19 22 35.3	-0.3
NLU	North Lily Min	53.51	288	P	P	19 22 36.3	+0.3
NLU	comp-Z,21nm,1.5s	53.52	296	P	I Amb	19 22 41.4	
I07A	izee	53.52	296	P	P	19 22 34.7	-1.2
ABTX	Ablene, Hawle	53.54	272	P	I Amb	19 22 35.8	-0.3
ABTX	comp-Z,15nm,0.9s	53.54	272	P	I Amb	19 22 38.8	
ABTX	Ablene, Hawle	53.54	272	P	P	19 22 37.3	+1.2
O16K	Kokkox River B	53.56	331	P	P	19 22 35.7	+0.0
PV05	Paradox Valley	53.63	284	P	P	19 22 36.8	+0.1
PM05	comp-Z,12nm,0.9s	53.63	284	P	I Amb	19 22 45.1	
TMUT	Trail Mountain	53.64	287	P	I Amb	19 22 36.5	-0.5
TMUT	comp-Z,9.1nm,0.8s	53.65	289	P	I Amb	19 22 39.9	
DUG	Dugway, Toeole	53.65	289	P	I Amb	19 22 37.1	+0.2
DUG	comp-Z,31nm,1.9s	53.65	289	P	I Amb	19 22 43.3	
DUG	Dugway, Toeole	53.65	289	P	P	19 22 37.1	+0.2
DUG	comp-Z,31nm,1.9s	53.65	289	P	P	19 22 37.1	+0.2
DUG	Dugway, Toeole	53.65	289	P	P	19 22 37.5	+0.6
J08A	Circle Bar Ran	53.66	295	P	I Amb	19 22 36.6	-0.3
J08A	comp-Z,11nm,0.8s	53.66	295	P	I Amb	19 22 39.4	
KURK	Kurchatov	53.75	49	P	I Amb	19 22 36.8	-0.4
KURK	comp-Z,11nm,1.0s	53.75	49	P	I Amb	19 22 41.2	
KURK	Kurchatov	53.75	49	P	P	19 22 38.7	+1.5
KURK	comp-Z,11nm,1.0s	53.75	49	P	P	19 22 38.7	+1.5
KURB	Kurchatov Arra	53.79	49	LR	LR	19 45 23.1	
KDAA	Kodiak Island	53.80	327	LR	LR	19 47 08.1	
Q16A	Castle Valley	53.92	286	P	I Amb	19 22 39.8	+0.8
Q16A	comp-Z,35nm,19.5s	53.92	286	P	I Amb	19 22 43.1	
MSTX	Muleshoe	53.95	276	P	I Amb	19 22 39.2	+0.1
MSTX	comp-Z,33nm,1.8s	53.95	276	P	I Amb	19 22 42.2	
MSTX	Muleshoe	53.95	276	P	P	19 22 39.6	+0.5
P16K	Nushagak River	54.04	331	P	P	19 22 39.6	+0.4
MVCO	Mesa Verde	54.05	283	P	I Amb	19 22 41.0	+1.1
MVCO	comp-Z,16nm,1.2s	54.05	283	P	I Amb	19 22 53.8	
MVCO	Mesa Verde	54.05	283	P	P	19 22 40.6	+0.7
POST	Post	54.08	274	P	I Amb	19 22 40.2	+0.6
POST	comp-Z,10nm,1.1s	54.08	274	P	I Amb	19 22 42.2	
ELK	Elko	54.31	291	LR	LR	19 45 02.1	
ELK	comp-Z,361nm,18.7s	54.31	291	P	I Amb	19 22 42.6	+0.8
ELK	Elko	54.31	291	P	I Amb	19 22 46.0	
ELK	comp-Z,14nm,0.9s	54.31	291	P	P	19 22 42.6	+0.8
ELK	Elko	54.31	291	P	P	19 22 42.6	+0.8
PINE	Pine Mountain	54.38	297	P	P	19 22 42.8	+0.6
WVOR	Wild Horse Val	54.47	295	P	P	19 22 43.1	+0.4
WVOR	Wild Horse Val	54.47	295	P	P	19 22 43.2	+0.4
WVOR	comp-Z,11nm,1.2s	54.47	295	P	P	19 22 43.2	+0.4
MSU	Marysville	54.71	287	P	P	19 22 45.1	+0.3
MSU	Marysville	54.71	287	P	P	19 22 45.1	+0.3
MVU	Marysville	54.74	287	P	P	19 22 44.1	-0.9
J05D	Fort Rock, OR	54.91	297	P	P	19 22 46.9	+0.8
ANMO	Albuquerque	54.92	280	P	P	19 22 45.7	-0.5
ANMO	Albuquerque	54.92	280	P	P	19 22 46.9	+0.7
ANMO	comp-Z,12nm,1.7s	54.92	280	P	P	19 22 46.9	+0.7
ANMO	Albuquerque	54.92	280	P	P	19 22 47.4	+1.1
ANMO	Albuquerque	54.92	280	P	P	19 22 47.2	+0.9
ANMO	Albuquerque	54.92	280	P	P	19 22 47.2	+0.9
MTPU	Mount Pierson	55.10	287	P	P	19 22 49.5	+1.8
K05A	Summer Lake	55.22	296	P	P	19 22 49.8	+1.5
SPR3	Spring Creek 3	55.31	289	P	I Amb	19 22 50.5	+1.4
SPR3	comp-Z,12nm,1.0s	55.31	289	P	I Amb	19 22 56.1	
JCT	Junction City	55.38	271	P	I Amb	19 22 49.2	-0.3
JCT	comp-Z,20nm,1.1s	55.38	271	P	I Amb	19 22 52.2	
JCT	Junction City	55.38	271	P	P	19 22 49.2	-0.3
JCT	comp-Z,20nm,1.1s	55.38	271	P	P	19 22 49.2	-0.3
JCT	Junction City	55.38	271	P	P	19 22 49.8	+0.4
JCT	comp-Z,20nm,1.1s	55.38	271	P	P	19 22 49.8	+0.4
JCT	Junction City	55.38	271	P	P	19 22 49.4	0.0
Q12A	Willow Creek R	55.51	289	P	P	19 22 52.2	+1.8
GEYT	Alibekce	55.54	73	P	P	19 22 51.6	+1.1
GEYT	comp-Z,1.6nm,0.7s,baz=306,slow=9.8,SNR=2.2	55.54	73	P	P	19 22 51.6	+1.1
GEYT	comp-Z,312nm,18.8s,baz=346,slow=38	55.54	73	P	P	19 48 00.4	
HTMS	Hat Mesa	55.59	276	P	P	19 22 51.0	+0.1
MOD	Modoc Plateau	55.63	295	P	I Amb	19 22 50.6	-0.6
MOD	comp-Z,13nm,0.9s	55.63	295	P	I Amb	19 22 58.9	

PKCU	Pink Cliffs	55.64	286	P	I Amb	19 22 51.1	-0.5
PKCU	comp-Z,26nm,1.4s	55.64	286	P	I Amb	19 23 01.1	
BNM	Barren Site	55.65	279	P	P	19 22 50.3	-1.3
YAK	Yakutsk	55.75	13	P	P	19 22 51.2	-0.4
YAK	comp-Z,18nm,1.0s	55.75	13	P	I Amb	19 22 56.2	
YAK	Yakutsk	55.75	13	eP	P	19 22 51.6	0.0
YAK	comp-Z,16nm,1.0s	55.75	13	eP	P	19 22 55.0	-0.6
YAK	Troy Canyon,C	56.41	289	P	P	19 20 58.9	+1.6
YAK	Yakutsk	56.41	289	P	P	19 20 58.0	+7.0
YAK	Yakutsk	56.41	289	P	P	19 32 41.2	
YAK	comp-Z,16nm,1.0s	56.41	289	P	P	19 34 26.0	+4.2
YAK	comp-N,8.0nm,1.2s	56.41	289	P	P	19 22 51.6	0.0
YAK	comp-E,3.0nm,1.3s	56.41	289	P	P	19 22 55.0	-0.6
YAK	comp-E,123nm,5.7s	56.41	289	P	P	19 22 58.4	+1.5
YAK	comp-N,75nm,6.6s	56.41	289	P	P	19 22 58.3	
SEY	Seymchan	56.08	0	eP	P	19 22 54.6	+0.7
SEY	comp-Z,13nm,1.7s	56.08	0	eP	P	19 22 54.6	+0.7
GNL2	Gudalup Moun	56.16	276	P	P	19 22 54.7	-0.4
KNB	Kanab	56.23	286	P	P	19 22 56.7	+1.1
KNB	comp-Z,12nm,1.1s	56.23	286	P	I Amb	19 22 58.3	
KNB	Kanab	56.23	286	P	P	19 22 56.7	+1.1
KNB	comp-Z,12nm,1.1s	56.23	286	P	P	19 22 58.3	
LOAD	Klamath Falls	56.24	287	P	P	19 22 55.0	-0.6
R11A	Troy Canyon,C	56.41	289	P	P	19 22 56.7	+1.1
R11A	Troy Canyon,C	56.41	289	P	P	19 22 57.8	+0.9
R11A	Kroy Canyon,C	56.41	289	P	P	19 22 57.8	+0.9
LCMT	Little Creek M	56.42	287	P	P	19 22 58.8	+1.8
U15A	North Rim M	56.46	285	P	P	19 22 56.7	-0.7
WUAZ	Wupatki	56.77	284	P	I Amb	19 22 59.4	-0.2
WUAZ	comp-Z,12nm,0.8s	56.77	284	P	I Amb	19 22 59.4	-0.2
WUAZ	Wupatki	56.77	284	P	P	19 22 59.9	+0.4
WUAZ	comp-Z,SNR=6.7	56.77	284	P	P	19 22 59.9	+0.5
KK31	Karatay Array	56.80	60	P	P	19 22 59.9	+0.5
KK31	Karatay Array	56.80	60	P	P	19 22 59.9	+0.5
KK31	comp-Z,8.0nm,1.4s	56.80	60	P	P	19 22 59.9	+0.5
KKAR	Karatay Array	56.80	60	P	P	19 22 59.4	0.0
KKAR	Karatay Array	56.80	60	P	P	19 22 59.2	-0.2
KKAR	Karatay Array	56.80	60	P	P	19 22 59.2	-0.2
KKAR	Karatay Array	56.80	60	P	P	19 22 59.4	0.0
YBH	Yreka Blue Hor	56.81	297	LR	LR	19 47 01.5	
LO2F	Cave Junction	56.86	298	P	I Amb	19 22 59.8	0.0
LO2F	comp-Z,16nm,1.2s	56.86	298	P	I Amb	19 23 10.5	
PRN	Pahroc Range	56.93	288	P	I Amb	19 23 01.1	+0.6
PRN	comp-Z,12nm,0.9s	56.93	288	P	I Amb	19 23 04.5	
KVN	Kaisererville	56.97	292	P	I Amb	19 23 00.0	-0.9
KVN	comp-Z,16nm,0.9s	56.97	292	P	I Amb	19 23 03.8	
KVN	Kaisererville	56.97	292	P	P	19 23 00.0	-0.9
PAHR	Pah Rah Rang	57.01	293	P	I Amb	19 23 00.5	-0.7
PAHR	comp-Z,13nm,1.1s	57.01	293	P	I Amb	19 23 10.3	
DBIC	Dimbokro	57.06	153	P	P	19 23 01.2	-0.2
DBIC	comp-Z,6.7nm,0.8s,baz=7.8,slow=7.3,SNR=10	57.06	153	P	LR	19 45 33.8	
DBIC	comp-Z,283nm,18.2s,baz=350,slow=34	57.06	153	P	LR	19 45 33.8	
MNTX	Cornudas Mount	57.06	277	P	P	19 23 01.7	+0.3
MNTX	Cornudas Mount	57.06	277	P	P	19 23 02.4	+0.9
MNTX	Cornudas Mount	57.06					

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
PRAC	Prado	3.56	210	Pn	19 29 18.7 +0.3			
PRAC	Prado	3.56	210	eP	19 29 19.2 +0.8			
PRAC	Prado	3.56	210	Sn	19 30 01.3 +0.4			
PRAC	Prado	3.56	210	i	19 30 06.6			
ORTC	Ortega, Tolima	3.59	217	Pn	19 29 19.9 +1.2			
ORTC	Ortega, Tolima	3.59	217	iP	19 29 20.2 +1.4			
ORTC	Ortega, Tolima	3.59	217	Sn	19 30 03.5 +1.9			
ORTC	Ortega, Tolima	3.59	217	i	19 30 06.9			
APAC	Apartado, Choc	3.61	288	iP	19 29 19.6 +0.6			
APAC	Apartado, Choc	3.61	288	eS	19 30 02.5 +0.6			
APAC	Apartado, Choc	3.61	288	i	19 30 06.4			
SJCC	San Jacinto, C	3.69	326	eP	19 29 19.9 -0.1			
SJCC	San Jacinto, C	3.69	326	eS	19 30 01.1 -2.7			
SJCC	San Jacinto, C	3.69	326	i	19 30 05.4			
LCBC	Los crdobas,	3.82	302	eS	19 29 28.2 +1.4			
CRUC	Correjon, Guaj	4.18	3	eS	19 30 06.0 -0.5			
CRUC	Correjon, Guaj	4.18	3	i	19 30 13.6 -1.8			
CRUC	Correjon, Guaj	4.18	3	i	19 30 20.7			
YOTC	Yotoco, Valle	4.28	229	eP	19 29 28.2 +0.3			
YOTC	Yotoco, Valle	4.28	229	eS	19 30 22.4 +4.6			
SMRC	Santa Marta, M	4.46	346	eP	19 29 31.2 +1.2			
SMRC	Santa Marta, M	4.46	346	eS	19 30 19.0 -2.8			
SMRC	Santa Marta, M	4.46	346	i	19 30 22.1			
MACC	Macarena, Meta	4.70	189	eP	19 29 32.8 -0.5			
MACC	Macarena, Meta	4.70	189	eS	19 30 27.1 -3.6			
MACC	Macarena, Meta	4.70	189	i	19 30 28.4			
BETC	Betania	4.72	210	eP	19 29 33.8 +0.2			
BETC	Betania	4.72	210	i	19 30 32.3			
URIC	Uribia, Colomb	4.98	13	Pn	19 29 35.8 -1.0			
URIC	Uribia, Colomb	4.98	13	eP	19 29 36.4 -0.4			
URIC	Uribia, Colomb	4.98	13	eS	19 30 33.0 -1.0			
URIC	Uribia, Colomb	4.98	13	i	19 30 35.6			
JAMC	Jamundi, Valle	5.05	225	eP	19 29 39.0 +1.1			
JAMC	Jamundi, Valle	5.05	225	eS	19 30 38.8 +2.8			
JAMC	Jamundi, Valle	5.05	225	i	19 30 45.2			
MALC	Bahia Malaga	5.05	237	eP	19 29 40.3 +2.5			
MALC	Bahia Malaga	5.05	237	eS	19 30 38.7 +2.9			
MALC	Bahia Malaga	5.05	237	i	19 30 55.3			
GARC	Garzon, Huila	5.18	208	iP	19 29 39.7 -0.1			
GARC	Garzon, Huila	5.18	208	eS	19 30 37.2 -2.0			
GARC	Garzon, Huila	5.18	208	i	19 30 42.0			
BAUV	Ei Baul	5.44	67	Pn	19 29 41.7 -1.3			
POPC	Popayan, Colom	5.54	220	eP	19 29 45.3 +0.7			
POPC	Popayan, Colom	5.54	220	eS	19 30 47.6 -0.2			
FLOC	Florencia	5.79	206	eP	19 29 48.8 +1.1			
FLOC	Florencia	5.79	206	eS	19 30 54.8 +1.4			
FLOC	Florencia	5.79	206	i	19 31 25.4			
BBAC	Balboa, Cauca	6.31	221	eP	19 29 56.9 +2.2			
BBAC	Balboa, Cauca	6.31	221	eS	19 31 05.5 -0.4			
BBAC	Balboa, Cauca	6.31	221	i	19 31 12.5			
GR1C	Gorgona, Isla	6.31	233	eP	19 29 55.1 +0.5			
GR1C	Gorgona, Isla	6.31	233	eS	19 31 03.6 -2.2			
GR1C	Gorgona, Isla	6.31	233	i	19 31 17.0			
BCIP	Isla Barro Col	7.07	290	Pn	19 30 03.7 -0.9			
BIRV	Bironogo	7.67	61	Pn	19 30 08.7 -4.0			
OTAV	Otavalu	8.44	219	Pn	19 30 23.1 -0.3			
MTDU	Mount Denham	12.14	340	Pn	19 31 15.2 -2.7			
JTS	Las Juntas de	12.22	287	LR	19 30 23.7			
SDDR	Presas de Saban	12.22	8	Pn	19 31 12.8 +0.1			
DR12	Loma Pena Alta	12.44	17	Pn	19 31 15.3 -0.3			
CRPR	Cabo Rojo, PR	12.56	27	Pn	19 31 17.4 +0.5			
GTBV	Guantanamo Bay	13.18	352	Pn	19 31 29.6 +0.2			
BOAV	Boa Vista	13.28	109	Pn	19 31 25.6 -0.8			
HUMP	San Antonio	13.29	31	Pn	19 31 26.0 -0.5			
CBYP	Canovanas	13.40	31	Pn	19 31 26.9 -0.9			
ETMB	Extrema	18.97	157	P	19 32 22.1 +0.5			
TEIG	Samuel	18.97	157	P	19 32 24.0 +0.1			
TEIG	Samuel	18.97	157	P	19 32 44.3 +1.4			
TEIG	Samuel	18.97	157	Iamb	19 33 03.8			
LVC	Limon Verde	29.53	172	P	19 34 11.9 -2.3			
CCM	Cathedral Cave	35.18	335	P	19 35 03.4 +0.4			
CCM	Cathedral Cave	35.18	335	Iamb	19 35 04.8			
TXAR	Lajas Array	36.48	312	P	19 35 15.6 +1.3			
TX31	Lajas Ar. Si	36.48	312	P	19 35 14.9 +0.7			
TX31	Lajas Ar. Si	36.48	312	Iamb	19 35 57.5			
TX32	Lajas Array	36.48	312	P	19 35 14.9 +0.7			
EYMN	Ely	43.88	342	P	19 36 15.4 +0.7			
EYMN	Ely	43.88	342	Iamb	19 36 44.4			
PHWY	Pilot Hill	44.80	325	P	19 36 22.9 +0.4			
ULM	Lac du Bonnet	47.30	340	P	19 36 41.7 +0.2			
PDAR	Pinedale Array	48.09	324	P	19 36 47.9 -0.2			
NVAR	Mina Array Bea	51.50	315	P	19 37 13.6 -0.3			
YKA	Yellowknife Ar	63.27	340	P	19 38 36.1 +0.5			
M30M	Minto, Yukon	72.04	334	P	19 39 31.6 +0.9			
M30M	Minto, Yukon	72.04	334	Iamb	19 40 09.5			
A36M	Sachs Harbour	72.44	345	P	19 39 33.5 +0.7			
A36M	Sachs Harbour	72.44	345	Iamb	19 39 34.4			
PCA	Pinnacle	72.83	331	P	19 39 35.8 +0.3			
INK	Inuvik	73.04	340	P	19 39 36.2 -0.2			
M27K	Edge Creek, AK	74.22	333	P	19 39 43.0 -0.7			
M27K	Edge Creek, AK	74.22	333	Iamb	19 40 20.4			
L27K	Beaver Creek A	74.37	334	P	19 39 43.0 -1.4			
L27K	Beaver Creek	74.39	334	P	19 39 42.5 -2.0			
L27K	Beaver Creek	74.39	334	Iamb	19 40 25.6			
PPLA	Purkeypile	78.99	333	P	19 40 10.8 +0.3			
L19K	White Mountain	80.16	332	P	19 40 17.0 +0.5			
MKAR	Makanchi Array	122.32	20	PKP	19 47 00.4 -0.3			
ASAR	Alice Springs	149.12	234	PKPbc	19 47 53.9 -0.8			
WRA	Warramunga Arr	150.25	241	PKPbc	19 47 57.4 -0.4			

DJA 02 19:36:30.1-0.3, 3°S, 3°12'9"E, h10km, M3.7/13, mb4.0/5, mB5.2/1, MLV3.6/13, Mw(MB)4.6/1, Seram

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
BKI	Bering	0.48	342	eP	19 57 27.1 -0.7			
BKI	Bering	0.48	342	eS	19 57 33.9 -1.0			
BKI	Bering	0.48	342	i	19 57 55.8 +1.2			
KRUB	Krutoberegovo	2.43	308	eP	19 58 07.7 +0.8			
KRUB	Krutoberegovo	2.51	308	eS	19 58 07.7 +0.8			
TUMD	Tumrok D	3.39	280	eP	19 58 45.5 -0.3			
TUMD	Tumrok	3.54	281	eP	19 58 46.1 +1.4			
TUMD	Tumrok	3.57	289	eP	19 58 12.2 +1.8			
KMNR	Kamenistaya	4.02	247	eP	19 58 25.5 +1.3			
SPN	Mys Shipunskiy	4.03	248	eP	19 58 16.9 +0.4			
SPN	Mys Shipunskiy	4.03	248	eS	19 59 00.1 -2.3			
NLC	Nalytchevo	4.64	252	eP	19 58 23.0 +1.9			
NLC	Nalytchevo	4.64	252	eS	19 59 09.1 -1.6			
ESD	Esso	4.66	288	eP	19 58 25.4 +2.5			
SDLR	Sedlovina	4.58	254	eP	19 59 15.2 -0.9			
SDLR	Sedlovina	4.58	254	eS	19 59 15.2 -0.9			
SMR	Somma	4.63	254	eP	19 58 26.3 +1.2			
UGLR	Uglovaya	4.64	254	eP	19 58 26.4 +1.4			
KRER	Koryakskii	4.64	255	eP	19 58 26.7 +1.5			
KRER	Koryakskii	4.64	255	eS	19 59 16.8 -1.1			
AVH	Avacha	4.66	254	eP	19 58 27.1 +1.7			
AVH	Avacha	4.66	254	eS	19 59 16.9 -1.3			
KRX	Arik	4.68	256	eP	19 58 27.1 +1.4			
KRX	Arik	4.68	256	eS	19 59 17.3 -1.5			
KRX	Arik	4.68	256	i	19 59 27.4 +1.4			
KOK	Koryaka	4.71	255	eP	19 59 17.9 +1.5			
KOK	Koryaka	4.71	255	eS	19 58 27.5 +1.0			
DALK	Dalny	4.75	252	eP	19 59 18.2 -2.0			
DALK	Dalny	4.75	252	eS	19 59 18.2 -2.0			
GNL	Ganally	4.98	261	eP	19 58 31.9 +2.1			
KRMR	Karymshinskiy	5.17	251	eP	19 58 34.1 +1.8			
KRMR	Karymshinskiy	5.17	251	eS	19 59 30.2 -0.5			
MTVR	Mutnovka	5.30	248	eP	19 58 35.4 +1.2			
MTVR	Mutnovka	5.30	248	eS	19 59 32.1 -2.0			
PETK	Petropavlovsk-	5.30	255	P	19 58 35.2 +1.1			
PETK	Petropavlovsk-	5.30	255	Sn	19 59 34.3 +0.3			
PETK	Petropavlovsk-	5.30	255	i	19 59 34.3 +0.3			
GRL	Gorelyy	5.33	249	eP	19 58 36.5 +1.9			
GRL	Gorelyy	5.33	249	eS	19 59 34.8 +0.1			
KDTR	Khodutka, Kamc	5.71	242	eP	19 58 40.0 +1.2			
KDTR	Khodutka, Kamc	5.71	242	eS	19 59 40.0 -3.8			
ILAR	Eielson Array	25.04	48	P	20 02 39.5 +1.6			
H11N2	WAKE ISLAND Hy 34.97	179	T	T	20 41 35.5			
H11N3	WAKE ISLAND Hy 34.98	179	T	T	20 41 37.3			
H11N1	WAKE ISLAND Hy 34.98	179	T	T	20 41 35.4			
ZALV	Zalesovo Beam	44.89	304	LR	20 25 23.8			
KURBB	Kurchatov Arra	49.99	304	P	20 06 06.5 -1.2			
MKAR	Makanchi Array	50.65	298	P	20 06 12.3 -0.6			
BVAR	Borovoye Array	52.14	310	P	20 06 23.2 -0.7			
CMAR	Chiang Mai Arr	62.04	262	LR	20 36 15.4			
ASAR	Alice Springs	82.88	210	P	20 09 38.7 +0.6			

WEL 02 20:00:39.1-0.5, 39°S, 3°17'E, h26km, 5km, M3.6/15, ML4.0/15, MLV3.6/15, Error ellipse: s-maj=0.0km s-min=0.0km az=115.7, confirmed, Off east coast of North Island

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
TIWZ	Watariki	1.79	217	P	20 01 06.9 +1.5			
WAZ	Wanganui	1.83	257	P	20 01 10.0 +1.0			
KMRZ	Kaimai	1.84	324	P	20 01 16.3 +4.2			
MRZ	Mangataouka R	1.86	225	P	20 01 08.0 -1.3			
KMZ	Makataoa Point	1.95	24	P	20 01 10.6 0.0			
VRZ	Vera Road	1.98	238	P	20 01 16.8 +1.5			
TMWZ	Te Maipa</							

2d 20h

Table with columns: Station, Name, Time, Az, El, SNR, and other parameters. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

2017 MAR

Table with columns: Station, Name, Time, Az, El, SNR, and other parameters. Includes stations like MLZ Mavora Lakes, KLRB Kellerberrin, MORW Morawa, etc.

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Table with columns: Station, Name, Time, Az, El, SNR, and other parameters. Includes stations like NVAR Mina Array Bea, BVAR Borovoye Array, PFO Pinyon Flats, etc.

NCEDC 02 20:23:45.0, 2.5, 40.29N, 0.02:124.40W, 0.05, h8km, 6km, Mvr3.9, MLK3.66(NEIC), Error ellipse: s-maj=5.8km s-min=2.9km, Az=91.0

NEIC 02 20:23:45.0, 2.9N, 124.40W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr:0.0; Mw:2.50; Mw:2.41; Mw:1.97; Mw:6.48; Mw:1.98; Fault plane solution: M7.47000x1014 NP1:0.282, 0.30000, 0.73, 340000, -169.640000, NP2:0.189, 0.30000, 0.80, 0.80000, -16.920000. Principal axes: T: 6.9237, P: 0.9236, Azm:236.0000, N: 0.9224, P: 0.9224, Azm:340.0000, P: -7.9162, P: 19.0000, Azm:145.0000;

NEIC 02 20:23:45.0, 2.9N, 124.40W, h8km, NEIC 02 20:23:44.1, 1.5, 40.26N, 0.03:124.48W, 0.05, h16km, 6km, Error ellipse: s-maj=6.0km s-min=4.3km, Az=97.0, Near coast of northern California

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

2d 21h

Table with columns: ASAR, Alice Springs, WB2, WRA, WRA, WB0, PMG, TXAR, SUR, PFO, ANMO, BOS, NVAR, H1S2, H1S3, H1S1, LBTB, H1N3, H1N1, H1N2, ELK, TKL, YBH, PDR, ILAR, DAVA, SONM, FETA, RETA, MOTA, WTTA, WATA, ABTA, KBA, OBKA, BIOA, SOKA, GERES. Includes station names, coordinates, and various parameters.

IDC 02 21:11:21.9:0.9, 55.76S:122.49W, h0km, mb3.8/5, mbmp3.8/5, MS4.2/39, Error ellipse: s-maj=41.8km s-min=28.4km az=131.0

NEIC 02 21:11:22.6:1.7, 55.60S:0.09:121.8W:0.2, h10km, 1km, mb4.8/18, Error ellipse: s-maj=24.1km s-min=10.3km az=298.0

GCMT 02 21:11:28.0:0.2, 56.22S:0.0:122.18W:0.03, h13km, 1km, MW5:1/68, Moment Tensor Solution, s33,c44, s88,c124, Duration: 0 Moment tensor: Scite 1.016Nm: Mm-3.82:20; Mw3.05±.15; Mw0.47±.13; Mw-0.65±.28; Mw2.60±.09; Mw-2.31±.38; Best double couple: M1.83100x1016 NP1±36.00000; δ61.00000; λ-117.00000; NP2: ±262.00000; δ39.00000; λ-51.00000; Principal axes: T 5.0500, Plg12.00000; Azm145.00000; N -4.4310, Plg23.00000; Azm50.00000; P -4.6130, Plg63.00000, Azm260.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 02 21:11:21.5:0.6, 55.45S:0.1:122.17W:0.1, h10km, n93, e191/40, mb4.5/14, MS4.3/42, Southern East Pacific Rise

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their details.

2017 MAR

Main table with columns: ASAR, Alice Springs, WB2, WRA, WRA, WB0, PMG, TXAR, SUR, PFO, ANMO, BOS, NVAR, H1S2, H1S3, H1S1, LBTB, H1N3, H1N1, H1N2, ELK, TKL, YBH, PDR, ILAR, DAVA, SONM, FETA, RETA, MOTA, WTTA, WATA, ABTA, KBA, OBKA, BIOA, SOKA, GERES. Includes station names, coordinates, and various parameters.

NEIC 02 21:17:48.1±1.7, 57.55N:0.05:155.6W:0.1, h96km, 16km, Error ellipse: s-maj=9.5km s-min=6.7km az=125.0

AEIC 02 21:17:48.2±1.5, 57.57N:0.04:155.65W:0.08, h100km, 9km, ML2.9, ML3.3/42(NEIC), Error ellipse: s-maj=7.1km s-min=4.4km az=52.0

IDC 02 21:17:50.7±4.3, 58.05N:155.38W, h86km, 35km, mb3.1/2, mbmp3.6/3, Error ellipse: s-maj=47.4km s-min=28.1km az=72.0

ISC 02 21:17:47.7:0.9, 57.57N:0.05:155.59W:0.05, h97km, 17km, n76, e181/25, Alaska Peninsula

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their details.

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Main table with columns: L19K, L19K, SKT, SKT, SKT, PWL, PNT, TTA, TTA, SML, K20K, K20K, SCM, SCM, CAST, KLU, KTH, KTH, CLB, M24K, M24K, RND, RND, N25K, N25K, BPW, BPW, MCK, MCK, GIB, GIB, VRDI, VRDI, UNV, UNV, PAX, PAX, NCARA, NCARA, MLY, MLY, BARN, BARN, M26K, M26K, CCB, CCB, HDA, HDA, RIDG, RIDG, I23K, I23K, MDM, MDM, DOT, DOT, PCA, PCA, IL31, IL31, ILAR, ILAR, ILAR, ILAR, M27K, M27K, ANM, ANM, IMAR, IMAR, POKR, POKR, SCRK, SCRK, L27K, L27K, H23K, H23K, BCAR, BCAR, H24K, H24K, J26L, J26L, C27K, C27K, PRP, PRP, I26K, I26K, EGAK, EGAK, M30M, M30M, BMAR, BMAR, YKAR, YKAR. Includes station names, coordinates, and various parameters.

IDC 02 21:19:55.9:1.9, 43.15N:105.12W, h0km, mb2.5/1, mbmp3.1/4, ML3.4/3, MS2.6/1, Error ellipse: s-maj=36.7km s-min=8.7km az=151.0

NEIC 02 21:19:51.0:3.0, 43.65N:106.0:06:31W:0.0, h0km, 2km, ML3.3/75, Error ellipse: s-maj=11.1km s-min=8.8km az=37.0

ISC 02 21:19:58.9:0.9, 43.66N:0.05:105.31W:0.04, h0km, n34, e192/25, Wyoming

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their details.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MAKZ Makanchi, ZALV Zalesovo Beam, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BUJR BUJR, PNSH Pansheti, GUDG Gudauri, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TKB Naichik, NCK Naichik, ZRD Zardab, etc.

TIF 03 02:21:38.2, 42.18N, 45.98E, h15km, 2km
MOS 03 02:21:38.3, 0.0, 42.13N, 46.02E, h13km, MPVA3.9
NORS 03 02:21:38.0, 0.0, 42.11N, 45.97E, h10km, MPVA3.7

DMNI Dmanisi 1.52 240 P
DMNI Dmanisi 1.52 240 P
MNGR Mingechevir, A 1.57 147 P

ALER Alexandrovskoy 3.46 321 eS
ALER Alexandrovskoy 3.46 321 eS
ALER Alexandrovskoy 3.46 321 eS

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LGD Lagodekhi, DDFL Dedofliistskaro, UNCR Uncukul, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KORR Kora, ALIG Mtskhetisjvari, QBL Qabala, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TAP 03 02:21:53.0, 24.25N, 121.71E, h7km, ML1.5, 1C, D, ETL Fush Village, etc.

IDC 02:30:35.4 1.0, 0.94N, 126.90E, h0km, mb4.1/8, mbmp3.1/9, ML3.5/1, MS2.9/1, Error ellipse: s-maj=42.4km s-min=17.6km az=74.0
 DJA 02:30:39.9 0.6, 1.1, N4.4 x 12.7E, h24km, gkm, M4.2/9, mb4.6/1, MLV3.9/9
 NEIC 02:30:39.6 2.2, 0.90N, 0.08x126.88E, 0.06, h31km, 8km, mb4.1/8, Error ellipse: s-maj=13.1km s-min=7.6km az=207.0

ISC 02:30:40.3 0.6, 0.98N, 0.07x127.00E, 0.06, h35km, n33, r=131/33, mb4.1/12, Northern Molucca Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
TNTI	Ternate	0.43 119	Op	02 30 50.5	+0.6
TNTI	Ternate	0.43 119	Sg	02 30 56.9	+0.4
TNTI	Ternate	0.43 119	P	02 30 50.4	+0.6
LBMI	Labuha	1.69 163	P	02 30 57.8	+1.3
SANI	Sanana	3.17 198	P	02 31 09.0	+1.7
GTOI	Gorontalo	4.00 265	P	02 31 24.2	+3.1
NLAI	Namlea	4.19 179	P	02 31 43.6	+1.8
LUWI	Luwuk	4.68 245	P	02 31 44.8	-3.6
LUWI	Luwuk	4.68 245	P	02 31 51.1	+2.7
MRSI	Muris	5.06 264	P	02 31 55.7	+1.8
TOLIJ	Tolitoli	6.21 271	P	02 32 05.8	-3.8
KAPI	Kappang	9.37 230	Pn	02 32 30.3	-2.6
KAPI	1.0nm, 0.3s, baz=134, slow=15, SNR=1.7		Sn	02 34 36.9	-0.2
WB0	Warramunga Arr	21.86 161	P	02 35 29.3	-0.8
WB0	comp=Z, 9.4nm, 1.4s		Iamb	02 35 50.4	
WRA	Warramunga Arr	22.01 161	P	02 35 31.5	-0.1
WRA	comp=Z, 1.1nm, 0.3s, baz=339, slow=11, SNR=18		Iamb		
WB2	Warramunga Arr	22.01 161	P	02 35 31.2	-0.5
WR0	Warramunga Arr	22.09 161	P	02 35 30.5	-2.0
WR0	comp=Z, 1.4nm, 0.4s, baz=127, slow=6.1, SNR=30		Iamb	02 36 03.1	
AS31	Alice Springs	25.40 165	P	02 36 04.1	-0.5
ASAR	Alice Springs	25.40 165	P	02 36 05.1	+0.4
ASAR	comp=Z, 1.1nm, 0.5s, baz=344, slow=8.8, SNR=15		Iamb		
ASAR	Alice Springs	25.40 165	P	02 36 04.4	-0.3
KSAR	Wonju Arr Be	36.29 1	P	02 37 39.4	-1.1
SOMI	Songino Array	49.97 324	P	02 39 31.7	+0.6
SOMI	comp=Z, 0.4nm, 0.6s, baz=159, slow=11, SNR=4.1		Iamb		
PETK	Petrovavlovsk	57.87 21	LR	03 05 58.7	
MK31	Makanchi Arr	59.96 326	P	02 40 41.9	-1.3
MK31	comp=Z, 1.2nm, 0.8s		Iamb	02 40 44.9	
MKAR	Makanchi Arr	59.96 326	P	02 40 44.1	+0.9
MKAR	comp=Z, 1.5nm, 0.4s, baz=114, slow=7.8, SNR=51		Iamb		
MKAR	Makanchi Arr	59.96 326	P	02 40 42.7	-0.5
KURBB	Kurchatov Arra	64.19 328	P	02 41 12.2	+0.8
KURBB	comp=Z, 1.4nm, 0.4s, baz=127, slow=6.1, SNR=30		Iamb		
KURK	Kurchatov	64.19 328	P	02 41 11.7	+0.2
KK31	Karatay Array	65.42 318	P	02 41 19.2	-0.4
KKAR	Karatay Array	65.42 318	P	02 41 19.8	+0.1
KKAR	comp=Z, 1.8nm, 0.8s		Iamb	02 41 21.2	
BVAR	Borovoye Array	69.76 327	P	02 41 47.3	+0.5
BVAR	comp=Z, 0.7nm, 0.4s, baz=131, slow=6.4, SNR=7.8		Iamb		
ABKAR	Abkubul Array	74.44 321	P	02 42 14.2	-0.7
AKTO	Aktuyubinsk	75.97 322	P	02 42 24.0	+0.3
AKTO	comp=Z, 0.9nm, 0.5s, baz=93, slow=13, SNR=2.8		Iamb		
ARCES	ARCES Array B	92.10 340	P	02 43 49.5	-0.7
ARCES	comp=Z, 5.9nm, 1.1s, baz=93.0, slow=6.5, SNR=1.8		Iamb		
TORD	Torodi Ar. Bea	123.99 287	PKP	02 49 35.2	-0.8
TORD	comp=Z, 0.3nm, 0.7s, baz=75, slow=1.6, SNR=1.6		PKPpdf		

NEIC 02:38:27.9 1.1, 36.67N, 0.01x99.07W, 0.04, h4km, 7km, Error ellipse: s-maj=4.8km s-min=1.0km az=111.0
 ANF 02:38:27.6 0.5, 36.68N, 99.05W, h5km, ML3.8/14, Error ellipse: s-maj=6.2km s-min=4.6km az=102.0
 TUL 02:38:27.1 5.3, 36.67N, 0.02x99.13W, 0.04, h6km, 7km, ML3.3, mb Lg2.9/5(NEIC), ML3.3/18(NEIC), Error ellipse: s-maj=4.6km s-min=2.5km az=104.0

ISC 02:38:28.3 0.9, 36.65N, 0.03x99.05W, 0.03, h14km, gkm, n101, r=108/99, Oklahoma

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
NOKA	Waynoka	0.09 98	Op	02 38 30.9	-0.5
NOKA	Waynoka	0.09 98	Sg	02 38 33.6	+0.1
NOKA	comp=E, 8.0nm, 0.3s		IAML	02 38 36.1	
U32A	Winter Ranch	0.27 172	Pg	02 38 33.5	-0.5
U32A	Winter Ranch	0.27 172	Sg	02 38 37.3	-0.6
U32A	comp=E, 4.0nm, 0.1s		IAML	02 38 38.2	
U32A	comp=N, 4.0m, 0.5s		IAML	02 38 38.7	
U32A	Winter Ranch	0.27 172	P	02 38 33.5	-0.5
U32A	baz=340		S	02 38 38.0	+0.1
OK035	e02010 Rd and N	0.27 172	Pg	02 38 34.1	0.0
OK035	OK035	0.27 172	Pg	02 38 38.9	+0.7
OK035	comp=N, 5.0m, 0.2s		IAML	02 38 41.7	
OK038	West end E0370	0.30 125	Pg	02 38 33.6	-0.9
OK038	comp=N, 3.0m, 0.3s		IAML	02 38 43.5	
OK038	comp=N, 3.0m, 0.3s		IAML	02 38 44.7	
ELIS	Ellis County	0.65 207	Pg	02 38 39.7	-1.4
ELIS	Ellis County	0.65 207	Sg	02 38 48.8	-0.9
ELIS	comp=E, 1.0m, 0.3s		IAML	02 38 57.6	
OK032	Salt Plains WL	0.69 77	Pg	02 38 41.5	-0.2
OK032	OK032	0.69 77	Sg	02 38 51.0	+0.2
OK032	comp=N, 1.0m, 0.2s		IAML	02 38 54.7	
CROK	Carrier	0.87 99	Pg	02 38 44.9	-0.2
CROK	Carrier	0.87 99	Sg	02 38 56.4	-0.1
CROK	comp=N, 69.9nm, 0.3s		IAML	02 39 13.8	
KAN14	Manchester OK	0.92 70	Pg	02 38 45.7	-0.5
KAN14	Manchester OK	0.92 70	Sg	02 38 57.8	-0.5
GC02	Grant County #	0.97 78	Pg	02 38 47.7	-0.5
GC02	Grant County #	0.97 78	Sg	02 38 59.8	-0.1
KAN08	Anthony NE Sta	1.04 56	Pg	02 38 47.6	-0.7
CSTR	Hydro. Gustaf	1.04 164	Pg	02 38 47.7	-0.7
KAN05	Bluff City Nor	1.05 64	Pg	02 38 47.9	-0.6
KAN05	Bluff City Nor	1.05 64	Sg	02 39 02.3	+0.5
KAN12	Harper NE Stat	1.06 52	Pg	02 38 48.0	-0.4
KAN12	Harper NE Stat	1.06 52	Sg	02 39 02.6	+0.8
KAN17	Caldwell West	1.10 69	Pg	02 38 48.9	-0.7
KAN06	Argonia West S	1.12 67	Pg	02 38 49.1	-0.9
KAN01	Argonia South	1.15 64	Pg	02 38 49.7	-0.8
KAN09	Caldwell North	1.25 67	Pg	02 38 51.5	-0.8
KS21	Milan North St	1.28 60	Pn	02 38 52.0	-0.9
KAN13	South Haven SW	1.31 73	Pg	02 38 52.6	+0.5
KS20	Mayfield South	1.33 64	Pg	02 38 52.8	+0.4
BLOK	Blackwell	1.48 85	Pn	02 38 55.5	-0.1
OK029	Liberty Lake	1.54 123	Pn	02 38 56.1	-0.8
OK050	Pawnee Station	1.68 98	Pn	02 38 58.7	+1.4
OK045	Pawnee Station	1.72 96	Pn	02 38 59.4	-0.3
OK046	Pawnee Station	1.74 98	Pn	02 38 59.5	+1.4
OK025	Westminster Rd	1.75 127	Pn	02 38 59.6	+1.5
R32A	Long Quarter	1.79 8	Pn	02 38 59.5	+0.7
R32A	Long Quarter	1.79 8	P	02 38 59.8	+0.9
R32A	baz=191, SNR=62		S	02 39 23.8	+0.5
WMOK	Wichita Mounta	1.92 173	Pn	02 39 01.3	+0.8
WMOK	comp=Z, 2.4nm, 0.7s		Iamb_Lg	02 39 28.2	
WMOK	Wichita Mounta	1.92 173	P	02 39 01.3	+0.8
WMOK	baz=352		P		

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
WMOK	baz=352		S	02 39 27.9	+1.1
OK052	Battle Ridge R	1.93 109	Pn	02 39 02.4	+1.8
T35A	Sooner Cattle	2.05 82	Pn	02 39 03.8	+1.4
T35A	Sooner Cattle	2.05 82	Pn	02 39 03.8	+1.4
T35B	baz=264, SNR=3		S	02 39 33.4	-0.9
T35B	baz=264		S	02 39 33.4	-0.9
DEOK	Depew	2.21 111	Pn	02 39 05.7	+1.1
CBKS	Cedar Bluff	2.23 346	Pn	02 39 06.2	+1.3
CBKS	comp=Z, 55nm, 0.7s		Iamb_Lg	02 39 42.4	
CBKS	Cedar Bluff	2.23 346	Pn	02 39 05.6	+0.7
CBKS	baz=167, SNR=48		S	02 39 35.5	-0.4
X34A	Smith Ranch, M	2.27 154	Pn	02 39 07.8	+2.5
W35A	Teumseh	2.31 130	Pn	02 39 07.1	+1.2
TUL1	Leonard	2.73 105	Pn	02 39 12.7	+1.0
AMTX	Amarillo	2.77 231	Pn	02 39 13.0	+0.7
AMTX	Amarillo	2.77 231	Pn	02 39 13.0	+0.7
WTF5	Witchita Falls	2.92 170	Pn	02 39 15.5	+1.3
KSU1	Kansas State U	3.12 37	Pn	02 39 16.6	+0.6
KSU1	comp=Z, 30nm, 0.7s		Iamb_Lg	02 40 13.3	
RLO	Kansas State U	3.12 37	P	02 39 17.6	+0.6
RLO	baz=220, SNR=9.3		P		
Z35A	Rose Lookout	3.28 97	Pn	02 39 20.2	+0.9
Z35A	Peachaven Sta	3.62 155	Iamb_Lg	02 40 34.0	
X37A	Clayton	3.63 123	Pn	02 39 25.1	+1.0
X37A	comp=Z, 24nm, 0.9s		Iamb_Lg	02 40 32.1	
X37A	Clayton	3.63 123	P	02 39 24.9	+0.8
FW03	Perrin-Whitt E	3.69 167	Iamb_Lg	02 40 33.1	
U38A	Greavette	3.76 92	Pn	02 39 27.4	+1.5
U38A	comp=Z, 19nm, 0.8s		Iamb_Lg	02 40 33.3	
FW06	Azle	3.87 161	Iamb_Lg	02 40 36.6	
ABTX	Abilene, Hawle	4.04 187	Pn	02 39 30.1	+0.3
ABTX	comp=Z, 22nm, 0.7s		Iamb_Lg	02 40 37.8	
ABTX	Abilene, Hawle	4.04 187	P	02 39 30.5	+0.7
MSXT	Muleshoe	4.05 230	Pn	02 39 30.1	+0.1
MSXT	Muleshoe	4.05 230	P	02 39 29.9	0.0
FW07	Weatherford	4.07 165	Iamb_Lg	02 40 43.1	
POST	Post	4.10 210	Pn	02 39 31.9	+1.2
POST	comp=Z, 22nm, 0.9s		Iamb_Lg	02 40 45.1	
HHAR	Hobbs	4.13 94	Pn	02 39 32.0	+1.0
N33B	J Bar K, Exete	4.27 17	Sn	02 40 22.2	-0.3
T25A	Trinidad	4.33 278	Pn	02 39 33.3	-0.6
T25A	comp=Z, 30nm, 0.8s		Iamb_Lg	02 40 47.5	
FW13	Cleburne	4.49 162	Iamb_Lg	02 40 56.4	
FW14	Alvarado	4.51 160	Iamb_Lg	02 40 54.0	
S39A	Bolivar	4.69 75	Pn	02 39 39.6	+1.0
S39A	comp=Z, 20nm, 0.7s		Iamb_Lg	02 40 57.1	
S39A	Bolivar	4.69 75	Sn	02 39 39.3	+0.6
Z38A	Mt Pleasant	4.75 134	Iamb_Lg	02 41 03.1	
OGNE	Ogallala	4.88 332	Pn	02 41 01.7	+0.4
MIAR	Mount Ida	4.93 114	Pn	02 41 42.6	+0.7
N35A	Tabor	4.98 31	Pn	02 39 42.5	-0.1
N35A	comp=Z, 33nm, 0.9s		Iamb_Lg	02 41 19.1	
N35A	Tabor	4.98 31	S	02 40 40.5	+0.6
U40A	bellville	5.00 92	P	02 39 44.5	+1.7
U40A	baz=275, SNR=8.3		P		
P38A	Dawn	5.27 54			

3d 5h

Table with columns: KDJ, SNR, Az, El, P, S, Sn, Pb, Time, Res, ISC. Includes stations like Karagaybulak, Tokmak 2, Batken, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Gulpinar-Canak, Paraskevi, Canakkale, etc.

Table with columns: KAVA, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Karacabey, Moku'aweo, etc.

ISK 03 05:31:09.8, 39°50'N-26°04'E, h5km, ML3.0/26
THE 03 05:31:09.6, 39°49'N-26°05'E, h4km, ML3.0/8, Error
ellipso: s-maj=1.3km s-min=0.4km az=172.0

DDA 03 05:31:09.0, 0.0, 39°49'N-26°07'E, h7km, 3km, ML2.9

HVO 03 05:47:36.1, 1.0, 19°54'N-102°00'W-155°61'4W-0°009,
h110km, 2km, ML2.9/35, ML3.0/50(NEIC), Error ellipso:
s-maj=1.3km s-min=0.9km az=54.0

NEIC 03 05:47:36.3, 1.2, 19°55'N-102°00'W-155°60'5W-0°009,
h110km, 1km, Error ellipso: s-maj=1.6km s-min=1.4km

az=244.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MLOA, MWH, POHA, etc.

3d 8h

Table of seismic events with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like Dawn, Bratogost, Podgorica, etc.

2017 MAR

Table of seismic events for March 2017 with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like Sunshine Farm, Standing Stone, Oxford, etc.

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Table of seismic events with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like Honiara, Port Moresby, Warramunga Arr, etc.

Table with columns: SAR, SarD1z-Kayseri, 0.58 120 Pg, Pg, 08 58 52.7 +0.8, etc.

NNC 03 09:13:55.3:0.8,51.73N:75.45E,h0km,mb3.4,mpv3.1, Error ellipse: s-maj=15.2km s-min=5.2km az=25.0, Suspected Mining explosion.

IDC 03 09:13:57.0:0.9,51.66N:75.41E,h0km,mbtmp2.8/4, ML2.3/4, Error ellipse: s-maj=21.6km s-min=7.5km az=29.0.

ISC 03 09:13:56.6:0.9,51.59N:0.07:75.38E:0.05,h0km,n12, c135/16,12C-3D,Eastern Kazakhstan

Main table listing station names like KURBB Kurchatov Arra, BVAO Borovoye Array, etc., with associated coordinates and times.

IDC 03 09:14:52.7:349.0,68.18N:39.23E,h0km, Error ellipse: s-maj=169.3km s-min=157.5km az=143.0,Baltic States-Belarus-Northwestern Russia

Table listing station names like I37NO, I31KZ, I46RU with coordinates and times.

IDC 03 09:21:34.5:1.6,36.50S:52.29E,h0km,mb4.0/4, mbtmp3.9/5,ML3.8/1,MS3.5/1, Error ellipse: s-maj=83.7km s-min=26.8km az=37.0.

NEIC 03 09:21:35.6:2.1,36.62S:0.07:52.3E:0.1,h10km,1km, mb4.3/16, Error ellipse: s-maj=18.7km s-min=10.2km az=29.0.

ISC 03 09:21:34.9:0.6,36.50S:0.09:52.3E:0.1,h10km,n27, c1505/27,mb4.0/10, Southwest Indian Ridge

Main table listing station names like CRZF, VOI, OPO, MINEY, WIN, SNAW, etc., with associated coordinates and times.

comp=Z,0.2nm,0.7s,baz=23,slow=3.4,SNR=4.8

NNC 03 09:29:10.8:3.2,54.77N:83.77E,h0km,mb3.1,mpv2.8, Error ellipse: s-maj=28.8km s-min=10.5km az=23.0, Suspected Mining explosion.

IDC 03 09:29:12.5:1.5,54.65N:83.76E,h0km,mbtmp3.1/3, ML2.6/3, Error ellipse: s-maj=14.2km s-min=9.3km az=9.0

ISC 03 09:29:08.9:2.1,54.20:0.1:83.69E:0.06,h0km,n8, c249/13,6C-3D, Southwestern Siberia

Main table listing station names like I46RU, ZAAO, ZAAO, ZAAO, ZAAO, ZAAO, etc., with associated coordinates and times.

IDC 03 09:32:28.2:0.7,85.02N:96.63E,h0km,mb3.6/13, mbtmp3.7/15,ML3.3/2,MS3.2/23, Error ellipse: s-maj=22.5km s-min=14.5km az=131.0

IEPN 03 09:32:33.0:4.8,84.88N:96.83E,h10km, Error ellipse: s-maj=22.5km s-min=14.5km az=131.0

ISC 03 09:32:29.4:0.6,84.96N:0.08:95.17E:0.07,h10km,n40, c185/24,mb3.6/13,MS3.2/23,North of Severnaya Zemlya

Main table listing station names like SVZ, ZF2, ZF1, ZF1, OMEGA, KBS, SPAO, etc., with associated coordinates and times.

TORD Torodi Ar. Bea 77.30 275 P P 09 44 24.6 +1.0

IDC 03 09:46:01.9:2.6,65.53N:87.59E,h0km,mbtmp2.9/3, ML2.4/3, Error ellipse: s-maj=22.0km s-min=13.1km az=63.0, Southwestern Siberia

Main table listing station names like I46RU, ZALV, ZALV, ZALV, ZALV, ZALV, etc., with associated coordinates and times.

IDC 03 09:49:18.4:2.7,53.63N:87.87E,h0km,mbtmp3.1/3, ML2.8/3, Error ellipse: s-maj=25.5km s-min=15.2km az=70.0, Southwestern Siberia

Main table listing station names like I46RU, ZALV, ZALV, ZALV, ZALV, ZALV, etc., with associated coordinates and times.

DDA 03 09:53:11.4:0.0,38.85N:26.41E,h7km,2km,ML2.8, ATH 03 09:53:12.8,38.85N:26.40E,h13km,1km,ML2.9/5, Error ellipse: s-maj=2.5km s-min=0.9km az=273.0

THE 03 09:53:12.1,38.83N:26.42E,h10km,2km,ML2.9/6, Error ellipse: s-maj=2.2km s-min=0.8km az=202.0

ISC 03 09:53:11.7:0.9,38.85N:0.02:26.43E:0.03,h15km,gkm, n37,c041/54,Aegean Sea

Main table listing station names like KARB, KARB, KARB, KARB, KARB, etc., with associated coordinates and times.

3D 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BALY, LIA, SMTH, ALN, THAS, RDO, KAVA.

DDA 03 09:53:12.5:0.0,39:21N:29:38E, h10km, 1km, ML2,3,

Main table for DDA stations including GEDIZ, KUTAHYA, DEMIRCI, USAK, BOZOYUK, PASA, MANT, BILE, BORA, KZIL, SGAZ, BKES, GEVY, AMUIH, KAYIN.

IDC 03 10:00:29.0:3.6,64:64N:31:76E, h0km, mbtmp2.8/3,

HEL 03 10:00:30.7:0.3,64:67N:30:59E, h0km, ML2.1, Explosion

KOLA 03 10:00:31.8:1.1,64:68N:31:38E, h0km, ML2.0, Suspected explosion

IDC 03 10:00:31.9:1.2,64:78N:0:03:30.57E, h0km, n43,

Table for IDC stations including RMF, KU6, MSF, OLKF, JOENSUU, OUL, OBF4, OBF4.

2017 MAR

Table for 2017 MAR stations including MERIJARVI, ROVANIEMI, SYOLATTI, TORNIO, APATITY, VARRIO, ULKOKALLA, KALIX, KANGASNIEMI, RUF, KOLARI, KEURUU, PAJALA, ERILSAEV, YLTIARVO, FINES, BURVIK, UMEEA, HETTA, PVA, KUTOKI, ARCES, KEVO, VADSO, SALU, KIPISJARVI, JETTAN, FAUSKE, STEIGEN, NORARSAR, NOA.

IDC 03 10:13:51.9:1.0,51:40N:75:71E, h0km, mbtmp2.8/3,

NNC 03 10:13:51.0:0.4,51:37N:75:54E, h0km, mb3.2, mpv2.8,

Suspected Mining explosion, IDC 03 10:13:51.6:0.9,51:41N:0:06:75.63E, h0km, n12,

0956/19, 9C-7D, Eastern Kazakhstan

Main table for IDC stations including KURBB, KURBB, KURBB, KURK, BVAO, BVAR, BRVK, BRVK, OTUK, OTUK, ZALV, ZALV, MAKZ, MK31, MK31, MKAR, MKAR, MKAR.

IDC 03 10:32:08.4:1.0,28:70N:143:28E, h0km, mb3.5/7,

mbtmp3.5/10, ML3.2/3, MS2.9/2, Error ellipse:

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s-maj=30.3km s-min=16.4km az=93.0

JMA 03 10:32:12.1:0.1,28:9N:0:3:14:3E, h45km, MV4.1/21,

NEAR CHICHUIMA ISLAND, ISC 03 10:32:14.0:0.9,28:82N:0:05:143:0E, 0:2, h41km, n22,

2514/24, mb3.5/8, Bonin Islands region

Table for JMA stations including CBJU, CBJU, CBJU, JCH, JHH, BSO1, BSO3, BSO4, JHU, JRY, JHO, JHO, JAG, MJAR, JOW, KSR, USRK, SONM, WRA, MKAR, KURBB, ASAR, ILAR, BVAR, YKA.

IDC 03 10:34:30.5:1.0,61:22N:27:70W, h0km, mb3.5/8,

mbtmp3.6/9, ML3.6/1, MS3.4/32, Error ellipse:

s-maj=31.5km s-min=21.7km az=5.0, IDC 03 10:34:32.2:0.9,61:4N:0:1:27:60W, 0:1, h10km, n39,

1538/10, mb3.6/8, MS3.3/28, Iceland region

Main table for IDC stations including BORG, BORG, SFJD, EKA, NOA, HFS, SCHO, ARCES, FINES, DAVOX, ESDC, GERES, RES, VRAC, AKAG, OBNS, SADO, MLR, VAE, YKA, ULM, IDI, BRTR, TKL, DLBO, GNI, NEW, PDAR, PDAR, BBB, TORD, ELK, ANMO, YBH, NVAR, TXAR, MKAR, PFO, SONM, LPIG, CMAR.

BUI 03 10:46:50.7:0.0,5:68S:147:61E, h116km, mb4.6/22,

MB5.2/9, DJA 03 10:46:53.8:0.4,6:54S:14:7E, h110km, 5km, M5.1/25,

MB5.4/13, mb5.2/25, MLV5.6/2, Mw(mb)4.9/13

IDC 03 10:46:54.2,1.2,5.63S,147.29E,h131km,10km,mb4,1/22, mbtm4,5/25,MS3,3/10,Error ellipse: s-maj=11.2km s-min=8.8km,az=91.0

NEIC 03 10:46:54.2,1.4,5.61S,0.008,147.26E,0.06,h122km,5km, mb4,8/106,Error ellipse: s-maj=11.4km s-min=7.5km az=159.0

ISC 03 10:46:53.0,3.568S,0.04,147.25E,0.04,h122km,n359, r125/364,mb4,7/82,1D,Eastern New Guinea region

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

Table with columns: FORT, 30.80 214, P, P, 10 52 59.0 +1.3. Lists seismic events with station names, magnitudes, and arrival times.

Table with columns: KAAM, 74.39 272, P, P, 10 58 17.6 -1.1. Lists seismic events with station names, magnitudes, and arrival times.

3d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TA01 Diego Aracena, PB11 IPOC Station P, PSGC Pisagua, etc.

IDC 03 12:22:58.2.2.1, 2.23S, 128.11E, h0km, mb3.7/2, mbtmp3.6/3, ML3.2/1, Error ellipse: s-maj=176.7km s-min=24.7km az=68.0, Ceram Sea

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

HEL 03 12:29:40.9.0.4, 60.93N, 29.19E, h0km, ML1.5, Explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RUF Ruokolaiti, VJF Virojoki, VJF Virojoki, etc.

MAN 03 12:59:18.8, 15.77N, 120.34E, h126km, mb4.4, ML3.3, MS3

IDC 03 12:59:19.4.5.3, 15.80N, 120.60E, h139km, 5.1km, mb3.6/12, mbtmp4.0/12, MS3.3/3, Error ellipse: s-maj=25.1km s-min=13.0km az=70.0

IDC 03 12:59:19.4.0.7, 15.71N, 120.03E, 120.35E, 0.06, h132km, 6km, n36, e180/52, mb3.9/17, 11C-10D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMPP San Manuel, PCPH Palayan, BOLP Bolinao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, SONM Sogino Array, KLR Kuldur, etc.

2017 MAR

Table with columns: MKAR Makanchi Array, ZALV Zavelovo Beam, AAK Ala-Archa, ARCES ARCES Array B, ILAR Eileison Array, BRTR Keskin Array B, FINES FINES Array B, NOA NORSTAR Array B, YKA Yellowknife Arr, etc.

TEH 03 13:02:40.7, 40.07N, 48.42E, h10km, 990km, ML2.9 DRS 03 13:02:41.1, 40.0, 39.93N, 48.41E, h21km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKT Akhty, KSMR Kasumkent, GAST Astara - Iran, etc.

NNC 03 13:11:12.3.3.2, 37.24N, 71.10E, h0km, mb3.6, mpv3.2, 7C-1D, Error ellipse: s-maj=25.5km s-min=20.7km az=160.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML Almayasu, KK31 Karatay Array, TKM2 Tokmak 2, etc.

ISK 03 13:20:53.2, 38.69N, 42.63E, h16km, ML2.5/7 DDA 03 13:20:54.0, 0.0, 38.74N, 42.55E, h7km, 1km, ML2.3

ISC 03 13:20:53.8, 0.9, 38.69N, 0.03, 42.63E, 0.03, h14km, 7km, n15, e08/25, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ADCV Bitlis, AKDM Akdamar-Van, MLAZ Malazgirt-MUS, etc.

IDC 03 13:24:30.5, 74.5, 53.53N, 34.32E, h0km, Error ellipse: s-maj=280.4km s-min=82.1km az=27.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I43RU DUBNA INFRASON, I31KZ Ulyubinsk, I37NO I37NO, etc.

KRNET 03 13:25:21.0, 0.1, 41.14N, 76.17E, h14km, mb3.0 SOME 03 13:25:22.5, 41.27N, 76.13E, h5km

NNC 03 13:25:22.6, 1.4, 41.15N, 76.17E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=10.5km s-min=6.5km az=161.0

KNET 03 13:25:23.4, 0.6, 41.29N, 75.99E, h0km, ml2.6, Error ellipse: s-maj=4.7km s-min=2.7km az=140.0

ISC 03 13:25:20.8, 1.4, 41.13N, 0.05, 76.06E, 0.03, h16km, 11km, n67, e180/93, 42C-13D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NRR Naryn, ULHL Ulahol, ULHL Ulahol, etc.

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Table with columns: ARLS Aral, UCH Uchtor, UCH Uchtor, KBK Karagaybulak, KBK Karagaybulak, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, AAK Ala-Archa, AAK Ala-Archa, KST Kastyk, KST Kastyk, IZV Iztokoviy, IZV Iztokoviy, FRU1 Bishkek, FRU1 Bishkek, MTBS Maitube, MTBS Maitube, MTBS Maitube, TNSS Tian-Shan, TNSS Tian-Shan, AML Almayasu, AML Almayasu, AML Almayasu, ANVS Anan'yev, ANVS Anan'yev, CHMS Chumysh, CHMS Chumysh, DGS Degeres, DGS Degeres, DGS Degeres, DGS Degeres, MDOK Medeo, MDOK Medeo, MDOK Medeo, KNDC Almaty, KNDC Almaty, KOTS Karatobe, KOTS Karatobe, KOTS Karatobe, USP Oshpenovka, USP Oshpenovka, SGDS Sogindy, SGDS Sogindy, OHG Osh, OHG Osh, SATY Saly, SATY Saly, SATY Saly, SATY Saly, KTBS Karatobe, KTBS Karatobe, MRKS Merke, MRKS Merke, MRKS Merke, MRKS Merke, BOOM Boomskiye usch, BOOM Boomskiye usch, TARG Taraygy, TARG Taraygy, KUU Kurty, KUU Kurty, KUU Kurty, KUU Kurty.

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res. Includes stations like KUUV, CHKK, KURS, etc.

NNC 03 13:58:00.5:2.1, 46:87N:89:69E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=18.1km s-min=13.0km az=71.0

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res. Includes stations like DGZ, CHAGAN-UZUN, etc.

IDC 03 13:58:33.0:0.7, 6:75N:72:91W, h166km, 9km, mb3.1/4, mbtmp3.7/6, Error ellipse: s-maj=30.1km s-min=7.5km az=131.0

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res. Includes stations like BARC, PAMP, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res. Includes stations like TAMC, ZARC, ROSC, etc.

IDC 03 14:06:31.7:1.6, 21:16S:179:21W, h633km, 14km, mb3.2/4, mbtmp4.2/7, Error ellipse: s-maj=27.8km s-min=23.3km az=142.0

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res. Includes stations like YOTC, SMRC, etc.

IDC 03 14:06:30.9:1.1, 21:25S:0:1x179:2W:0.2, h619km, n25, r15:16Z, mb3.9/12, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res. Includes stations like MSVF, DZM, etc.

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res. Includes stations like BBOO, AS31, ASAR, etc.

IDC 03 14:11:27.6:3.0, 0:11S:98:79E, h0km, mb3.5/5, mbtmp3.5/5, Error ellipse: s-maj=101.3km s-min=25.0km az=62.0, Southern Sumatra

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res. Includes stations like H08S2, H08S3, etc.

ROM 03 14:35:08.8:0.3, 44:262N:0:010:11:456E:0:009, h27km, 1km, ML1.5/5, 2C-3D, Error ellipse: s-maj=0.9km s-min=0.7km az=154.0, Northern Italy

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res. Includes stations like MTRZ, BRIS, etc.

KRSC 03 14:39:25.9:0.6, 55:56N:161:54E, h97km, 10km, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, El, P, S, N, Time, Res. Includes stations like BZGR, BZP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like JYNG, YONAGUNI, YOJ, etc.

Table with columns: WUSB, Renai, Time, Res, and station details. Includes stations like WUSB, Renai, NHW, etc.

Table with columns: CTAO, Charters Tower, Time, Res, and station details. Includes stations like CTAO, Charters Tower, MTSU, etc.

Table with columns: Station, Name, Time, Res, P, S, I, SC, h, m, s, ISC. Includes stations like Mitsune, Hachijo jima 2, Chichijima, etc.

Table with columns: Station, Name, Time, Res, P, S, I, SC, h, m, s, ISC. Includes stations like Garm, Nonsavu, ARU, etc.

Table with columns: Station, Name, Time, Res, P, S, I, SC, h, m, s, ISC. Includes stations like Garm, Nonsavu, ARU, etc.

JMA 03 17:47:43.0±0.1, 36.6N; 0.3x139.4E±0.2, h7km, MV-0.3/6, TOCHIGI GUNMA BORDER, Eastern Honshu

ISK 03 17:49:58.6, 39°50'N-26°04'E, h6km, ML2.7/20 DDA 03 17:49:59.2±0.0, 39°50'N-26°07'E, h15km, 1km, ML2.7

Table with columns: Station, Name, Time, Res, P, S, I, SC, h, m, s, ISC. Includes stations like KOCO, GPNR, etc.

3d 19h

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

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

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

ISC 03 20:29:18.7:1.0,43.64N:0.05x105.30W:0.05, h0km, n66, c170/60, Wyoming

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RSDS Black Hills, K2ZA Casper, PHWY Pilot Hill, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PATS Pohnphei, H1S3 WAKE ISLAND, H1S1 WAKE ISLAND, etc.

DDA 03 20:51:53.5:0.0,37.62N:38.47E, h11km, 1km, MW3.7

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AZEY Adyaman-Merk, NARI Adyaman-Kaht, HANM anurlur/Hi, etc.

SLTI Safit 6.11 209 Pn Pn 20 53 25.5 -1.7

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CBLJ Chichi jima, CBLJ Chichijima, JCHJ Chichijima, etc.

HVO 03 21:07:09.0:5.193°19N:0°008'-155°421W:0.009, h10km, 2km, ML2, 7/30, ML2 6/50(NEIC), Error ellipse:

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AIN Ainahou, MLH Mauna Loa, WRMH West Rim, etc.

NEIC 03 20:49:48.6:2.4, 18.41N:0.09x145.45E:0.2, h108km, 8km, mb4.4/17, Error ellipse: s-maj=25.4km s-min=11.6km

ISC 03 20:49:50.3:4.5, 18.48N:145.11E, h135km, 41km, mb3.5/6, mbmp4.0/7, Error ellipse: s-maj=73.2km s-min=20.1km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NEIC 03 20:49:47.0:1.6, 18.49N:0.07x145.3E:0.2, h100km, n36, c134/31, mb4.3/15, Mariana Islands

ISC 03 20:51:53.5:0.0,37.62N:38.47E, h11km, 1km, MW3.7

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

IDC 03 21:46:58.0, 1.8, 391.465x, 177.32E, h0km, mb3.7/2, mbmp3.8/3, ML3.3/1, Error ellipse: s-maj=45.3km s-min=22.3km az=104.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Cape Kidnapper, Aropanoani, Waihua, etc.

ARCES ARCESS Array B 146.36 343 PKPbc PKPbc 22 06 38.3 -0.2 4.0nm, 1.0s, baz=50, slow=1.4, SNR=1.6

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Afi, H1S2, H1S3, etc.

IDC 03 22:36:16.1, 9.9, 162745x, 172.89W, h0km, mb3.5/3, mbtmp3.5/3, MS2.4/1, Error ellipse: s-maj=438.5km s-min=40.0km az=140.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like WRA, WRR, WRS, etc.

IDC 03 22:44:02.2, 15.0, 7.775x, 156.94E, h0km, mb3.8/4, mbtmp3.8/4, MS3.0/1, Error ellipse: s-maj=456.4km s-min=46.0km az=116.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like WRA, WRR, WRS, etc.

ISK 03 22:56:47.8, 35.56N-25.96E, h16km, ML2.5/11 ATH 03 22:56:50.2, 35.46N-25.93E, h18km, 2km, ML1.9/3, Error ellipse: s-maj=2.2km s-min=1.0km az=123.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like STIA, ZKR, FRMA, etc.

PTBC comp=Z,351nm,0.4s i 23 00 16.6

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like NORC, BRTR, NIZA, etc.

WEL 03 23:05:07.9, 0.4, 42.52x, 177.4E, h11km, 3km, M2.3/4, ML2.6/11, MLV2.3/4, 1C, Error ellipse: s-maj=0.0km s-min=0.0km az=105.5, confirmed, South Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like KHZ, BSZW, THZ, etc.

IDC 03 23:08:49.6, 2.2, 4.75N-125.00E, h0km, mb3.3/3, mbtmp3.3/3, MS2.4/1, Error ellipse: s-maj=203.8km s-min=27.4km az=64.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like GSPH, MATI, SKMP, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BPAW Bear Paw Mtn., SUA Susitna One, BRLK Bradley Lake, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like IL31, ILAR, C24K, M24K, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like I29M, J29M, M29M, YUK4, etc.

3d 23h

Table with columns for location, elevation, distance, and performance metrics. Includes entries like D05A Enumclaw, LYN LuoYang, BUCK Buck Mountain, etc.

2017 MAR

Table with columns for location, elevation, distance, and performance metrics. Includes entries like GCMT Greycliff, YMR Madison River, YNR Norris Junction, etc.

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Table with columns for location, elevation, distance, and performance metrics. Includes entries like LRMCL Laurel Mtn Rad, GWY Greenwater Val, QSM Queen of Sheba, etc.

WUAZ	comp=Z,9.2nm,0.7s	IAMB	IAMB	23 40 49.1			
WUAZ	baz=317,SNR=8.5	56.73	74	P	P	23 40 48.6 +1.5	
KIRV	Kirov	56.78	327	eP	P	23 40 45.8 -1.1	
ISCO	Idaho Springs	56.78	67	IAMB	IAMB	23 40 50.2	
ISCO	Idaho Springs	56.78	67	P	P	23 40 48.9 +1.3	
SUSD	Miller	56.87	59	P	P	23 40 48.3 +0.4	
SUSD	Miller	56.87	59	P	P	23 40 48.6 +0.7	
Y14A	Wickenburg	56.96	77	P	P	23 40 48.9 +0.2	
MVCO	Mesa Verde	57.09	71	IAMB	IAMB	23 40 50.4 +0.5	
MVCO	Mesa Verde	57.09	71	P	P	23 40 50.4 +0.5	
113A	Mohawk Valley	57.39	78	P	P	23 40 52.4 +0.7	
113A	Mohawk Valley	57.39	78	IAMB	IAMB	23 40 53.4	
S22A	4UR Ranch, Cre	57.61	69	P	P	23 40 54.8 +1.2	
S22A	4UR Ranch, Cre	57.61	69	IAMB	IAMB	23 40 56.1	
S22A	4UR Ranch, Cre	57.61	69	P	P	23 40 54.8 +1.2	
Q24A	Divide	57.63	67	P	P	23 40 53.8 +0.1	
Q24A	Divide	57.63	67	IAMB	IAMB	23 40 55.8	
Q24A	Divide	57.63	67	P	P	23 40 54.5 +0.8	
KLMR	Klimovskoe	57.79	333	eP	P	23 40 51.4 -2.7	
KLMR	Klimovskoe	57.79	333	AMP	AMP	23 40 54.9	
KLMR	Klimovskoe	57.79	333	eP	P	23 40 51.3 -2.8	
OGNE	Ogallala	57.84	63	P	P	23 40 54.9 0.0	
OGNE	Ogallala	57.84	63	IAMB	IAMB	23 40 57.7	
OGNE	Ogallala	57.84	63	P	P	23 40 54.8 0.0	
EYMM	Gly	57.85	51	P	P	23 40 54.8 0.0	
W18A	Petrified Fore	57.93	73	P	P	23 40 56.8 +1.1	
W18A	Petrified Fore	57.93	73	IAMB	IAMB	23 40 58.0	
W18A	Petrified Fore	57.93	73	P	P	23 40 56.8 +1.1	
X18A	Snowflake	58.25	74	P	P	23 40 58.5 +0.6	
X18A	Snowflake	58.25	74	P	P	23 40 59.0 +1.1	
SDCO	Great Sand Dun	58.33	68	P	P	23 40 59.4 +0.8	
SDCO	Great Sand Dun	58.33	68	P	P	23 40 59.5 +0.8	
PIX	Pinacote	58.46	79	P	P	23 40 59.6 +0.4	
PIX	Pinacote	58.46	79	IAMB	IAMB	23 41 00.4	
AAK	Ala-Archa	58.47	300	LR	LR	00 09 06.7	
AAK	Ala-Archa	58.47	300	P	P	23 40 58.5 -0.8	
AAK	Ala-Archa	58.47	300	IAMB	IAMB	23 41 06.5	
AAK	Ala-Archa	58.47	300	eP	P	23 40 57.7 -1.7	
AAK	Ala-Archa	58.47	300	AMP	AMP	23 40 58.4 -1.0	
214A	Organ Pipe Nat	58.53	78	IAMB	IAMB	23 41 01.8	
214A	Organ Pipe Nat	58.53	78	P	P	23 41 00.9 +1.2	
ECSD	EROS Data Cent	58.54	58	IAMB	IAMB	23 41 00.2	
ECSD	EROS Data Cent	58.54	58	P	P	23 40 59.7 +0.1	
K3C0	Kaye Sheldock	58.94	65	P	P	23 41 03.3 +0.6	
SPMN	Marine on St.	59.27	54	P	P	23 41 04.9 +0.3	
T25A	Trinidad	59.37	68	IAMB	IAMB	23 41 07.7	
T25A	Trinidad	59.37	68	P	P	23 41 06.7 +1.0	
TUC	Tucson	59.42	76	P	P	23 41 06.4 +0.4	
TUC	Tucson	59.42	76	P	P	23 41 06.5 +0.3	
TUC	Tucson	59.42	76	P	P	23 41 06.8 +0.8	
TUC	Tucson	59.42	76	P	P	23 41 06.9 +1.0	
TUC	Tucson	59.42	76	P	P	23 41 06.5 +0.3	
ANMO	Albuquerque	59.87	71	LR	LR	00 04 29.4	
ANMO	Albuquerque	59.87	71	P	P	23 41 10.3 +1.0	
ANMO	Albuquerque	59.87	71	IAMB	IAMB	23 41 11.1	
ANMO	Albuquerque	59.87	71	eP	P	23 41 10.4 +1.2	
ANMO	Albuquerque	59.87	71	AMP	AMP	23 41 09.7 +0.5	
ANMO	Albuquerque	59.87	71	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02	297	sP	sP	23 41 13.0 +2.9	
KSH	Kashi	60.02	297	eP	P	23 41 30.7 +8.8	
KSH	Kashi	60.02	297	P	P	23 41 11.1	
KSH	Kashi	60.02	297	P	P	23 41 10.4 +1.2	
KSH	Kashi	60.02	297	P	P	23 41 09.7 +0.5	
KSH	Kashi	60.02	297	P	P	23 41 10.2 +1.0	
KSH	Kashi	60.02					

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ZHN, ZHH, ZHN, SATY, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like CHMS, MAKZ, SGDS, MK31, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like PRZ, KURS, ANVS, etc.

IDC 03 23:53:33.8:0.5,55:00S:129:59W,h0km,mb4.3/13, mbtmp4.3/13,MS4.5/43,Error ellipse: s-maj=24.2km s-min=15.2km az=168.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like PTCN, RPN, SBA, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, SNR, and other parameters. Includes stations like PLCA, PASO FLORES, H03N3, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, SNR, and other parameters. Includes stations like SAML Samuel, CTCTA, IPMB, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, SNR, and other parameters. Includes stations like MORC, KRKL, LANS, etc.

ADC 04:00:14.54.0.0.7.55.04Sx129.19W, h0km, mb4.0/6, mtmP4.0/6, MS3.9/33. Error ellipse: s-maj=36.2km

NEIC 04:00:14.54.1.2.0.55.05O:1.129.19W.0.2.h10km,1km, mb5.0/24. Error ellipse: s-maj=25.4km s-min=18.1km az=191.0

GCMT 04:00:15.01.2.0.3.55.31S:0.02.129.06W:0.03.h25km,1km, MW4.9/83. Moment Tensor Solution. s17,c17; s83,c100; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-0.55; 19; Mth2.21; 19; Mth-1.65; 16; Mth-0.67; 30; Mth2.41; 09; Mth0.51; 27; Best double couple: M3.22100x10^16 Np1.9; 18.00000; s82.00000; A-16.00000; NP2: q200.00000; s74.00000; A-172.00000; Principal axes: T-3.4050; P1g.0000; Azm155.0000; N-0.3620; P1g2.0000; Azm33.0000; P-3.0360; P1g17.0000; Azm63.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04:00:14.54.2.0.5.55.05O:0.2x129.10W:0.09.h10km,n84, s1507/34, mb4.8/15, MS4.0/36, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, SNR, and other parameters. Includes stations like RPN, PMSA, VNSA, etc.

IPCC 03:23:55:25.0.0.2.0.50.27N:18.74E, h1km, ML2.2/4. Error ellipse: s-maj=2.2km s-min=1.1km az=166.0 PRU 03:23:55:25.0.0.0.50.28N:18.67E, h0km, Poland

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like St. Gallen Klo, Weingarten, Wil, Kantonssck, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like WLS Welschbruch, SURB Surbourg, SIBS Sibratscha, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like AVF Avril sur Loir, BRG Bergiesshuel, PVCC Panska Ves, etc.

IDC 04 01:36:13.5:2.8, 47.99N:155.02E, h0km, mb3.5/4, mbmp3.5/5, ML2.2/1, MS2.6/1, Error ellipse: s-maj=68.2km s-min=38.9km az=175.0

KRSC 04 01:36:21.0:1.1, 48.22N:156.35E, h39km, mb3.5/4, mbmp3.5/5, ML2.2/1, MS2.6/1, Error ellipse: s-maj=68.2km s-min=38.9km az=175.0

Code Station Name A° AZ° Phase ID Time Res Code Station Name A° AZ° Phase ID Time Res

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pazuhetka, KDRTR Khodutka, etc.

BGR 04 02:11:42.4, 23.31N:94.50E, h33km, mb5.2, Ms3.8

MOS 04 02:11:47.5:0.9, 25.01N:94.87E, h46km, mb5.3/71, Error ellipse: s-maj=4.4km s-min=3.3km az=127.0

BUI 04 02:11:51.2:0.0, 25.28N:94.70E, h74km, mb5.0/59, mb5.0/40, Ms4.3/48, Ms7.3/45

NDI 04 02:11:52.3:5.5, 25.22N:94.72E, h92km, 13km, ML5.0, mb5.1(NEIC)

GCMT 04 02:11:53.8:0.4, 25.16N:03.94:76E:0.03, h98km, 3km, MW5.0/49, Moment Tensor Solution. s32,c38; s49,c66; Duration: 0 Moment tensor: Scale 10^18Nm; Mr-0.04±.20; Mw-2.23±.20; Mw2-2.27±.19; Mw3-1.04±.23; Mw3-3.53±.19; Mw-1.24±.19; Best double couple: M=1.64366000, NP1=0.44300000, NP2=0.74000000, NP3=0.000000, Azimuthal axes: T, 4.4410, P, 13.0000, Azm298.0000; N -0, 1450, P, 174.0000, Azm156.0000, P -4.2920, P, 170.0000, Azm30.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 04 02:11:53.8:1.9, 25.19N:03.94:76E:0.07, h74km, 5km, mb5.1/181 Error ellipse: s-maj=9.4km s-min=7.8km az=69.0

IDC 04 02:11:53.3:0.5, 25.12N:94.88E, h79km, 4km, mb4.4/29, mbmp4.7/30, MS3.6/28, Error ellipse: s-maj=12.7km s-min=9.9km az=51.0

ISC 04 02:11:52.6:0.2, 25.18N:03.94:69E:0.03, h70km, 1km, h70km:PP-P, n928, r19161983, M6.0/234, 96C-35D, Myanmar-India border region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like KOHI KOHIMA, IMP Impal, MOKO MOKOCHONG, etc.

VSU	Vasula	57.41 325	eP	P	02 21 34.7 +1.2
MLSB	Milas	57.41 299	eP	P	02 21 32.9 -1.2
ISR	Istrita	57.48 309	↑P	P	02 21 36.5 +2.0
ISAR	Istrita	57.48 309	P	P	02 21 36.5 +2.0
IGN	Ignalina	57.51 321	eP	P	02 21 30.5 -3.9
ISAL	Salakas	57.57 321	↑P	P	02 21 36.4 +1.6
RAZG	Razgrad	57.63 307	↑P	P	02 21 36.2 +0.8
FRHS	Neohiu	57.63 309	↑P	P	02 21 37.4 +1.9
COVR	Voineasa-Covas	57.67 310	↑P	P	02 21 37.2 +1.4
SULR	57.72 308	↑P	P	02 21 38.0 +1.9	
MLR	Muntele Rosu	57.88 309	↑P	P	02 21 38.8 +1.5
MLR	Muntele Rosu	57.88 309	P	P	02 21 37.0 +0.3
MLR	Muntele Rosu	57.88 309	P	P	02 21 38.8 +1.5
OZUR	57.94 310	↑P	P	02 21 38.9 +1.3	
FIA1	FINESS Array S	58.01 328	eP	P	02 21 38.5 +0.8
FINES	FINESS Array B	58.01 328	eP	P	02 21 38.7 +1.0
FINES	comp=E, 19nm, 0.6s, baz=94, slow=6.5, SNR=114				
	LR				02 47 40.5
DOPR	Dojca	58.23 310	↑P	P	02 21 41.1 +1.4
BURAR	Bucovina Array	58.23 312	↑P	P	02 21 40.5 +0.7
BURAR	Bucovina Array	58.23 312	I Amb	I Amb	02 21 41.2
BURAR	Bucovina Array	58.23 312	P	P	02 21 40.4 +0.7
BUR08	Bucovina Ar. S	58.24 312	I Amb	I Amb	02 21 39.7 -0.1
BUR08	Bucovina Ar. S	58.24 312	I Amb	I Amb	02 21 41.5
ZIMR	58.45 307	↑P	P	02 21 42.3 +1.1	
ZIMR	58.45 307	P	P	02 21 42.2 +1.1	
VOIR	58.51 309	↑P	P	02 21 42.5 +0.9	
VOIR	58.51 309	P	P	02 21 40.9	
COPA	Copaceanca	58.51 308	↑P	P	02 21 42.9 +1.4
RDO	Rodhopi	58.61 304	P	P	02 21 42.4 +0.1
RDO	58.61 304	I Amb	I Amb	02 21 44.1	
STAF	comp=Z, 19nm, 1.3s				
STAF	Stefanesti-Arg	58.62 309	↑P	P	02 21 44.4 +2.0
HUMR	Humele	58.64 308	↑P	P	02 21 43.0 +0.5
MEF	Metsahovi	58.73 327	eP	P	02 21 44.2 +1.5
PABE	Paberze	58.79 321	P	P	02 21 43.9 +0.5
PABE	Paberze	58.79 321	eP	P	02 21 44.6 +1.3
JAF	Arges	58.81 309	↑P	P	02 21 44.6 +0.8
ARCR	ARCALIA	58.85 311	↑P	P	02 21 45.1 +1.1
LTV	L'vov	58.89 314	eP	P	02 21 44.5 +0.4
MTSE	Matsula	58.95 325	eP	P	02 21 45.4 +1.1
PLVB	Pleven	59.02 307	↑P	P	02 21 46.0 +1.6
WBO	Warramunga Arr	59.05 135	eP	P	02 21 44.5 -1.1
WLD	Vladia	59.11 308	↑P	P	02 21 47.9 +1.6
WRA	Warramunga Arr	59.14 136	eP	P	02 21 45.3 -0.9
WRAB	comp=Z, 15nm, 0.8s				
WRAB	Tennant Creek	59.14 136	eP	P	02 21 45.0 -1.2
WRAB	comp=Z, 20nm, 0.8s				
WRAB	Tennant Creek	59.14 136	P	P	02 21 45.0 -1.2
WRAB	59.14 136	pP	pP	02 22 03.8 -0.7	
WRAB	59.14 136	sP	sP	02 22 10.9 -1.5	
WB2	Warramunga Arr	59.15 136	I Amb	I Amb	02 21 47.7 -0.6
WB2	59.15 136	I Amb	I Amb	02 21 46.3	
ARA0	ARCESS Array S	59.38 338	eP	P	02 21 48.0 +0.7
ARCES	ARCESS Array B	59.38 338	eP	P	02 21 47.7 +0.5
ARCES	comp=Z, 1.6nm, 0.5s, baz=102, slow=5.9, SNR=19				
ARCES	LR				02 50 50.3
BMR	comp=Z, 44nm, 19.6s, baz=116, slow=39				
BMR	Baia Mare	59.39 312	↑P	P	02 21 49.1 +1.4
BMR	Baia Mare	59.39 312	P	P	02 21 49.0 +1.4
CJR	Cluj-Napoca	59.40 311	↑P	P	02 21 49.6 +1.8
CJR	Cluj-Napoca	59.40 311	P	P	02 21 49.6 +1.8
LOT	Lotru	59.40 309	↑P	P	02 21 48.9 +1.0
MARR	Marisel-Cluj	59.73 311	↑P	P	02 21 51.7 +1.5
MESR	Mesesti	59.80 311	↑P	P	02 21 51.7 +1.5
BAIL	Bailesti	59.86 308	↑P	P	02 21 52.8 +1.8
PBUR	Paburze	59.94 322	eP	P	02 21 51.8 +0.6
DEV	Deva	59.96 310	↑P	P	02 21 53.4 +1.8
DEV	Deva	59.96 310	P	P	02 21 53.4 +1.8
TRPA	Tarpa	59.99 313	↑P	P	02 21 52.9 +1.2
DRGR	60.00 311	↑P	P	02 21 53.1 +1.2	
DRGR	60.00 311	P	P	02 21 53.1 +1.2	
BILL	Biilbino	60.02 24	P	P	02 21 51.8 +0.2
BILL	60.02 24	I Amb	I Amb	02 21 52.8	
BILL	comp=Z, 28nm, 1.1s				
BILL	Biilbino	60.02 24	eP	P	02 21 51.3 -0.3
BILL	60.02 24	e'PP	pP	02 22 08.9 -1.3	
BILL	60.02 24	e		02 22 31.5	
BILL	60.02 24	e		02 24 06.7	
BILL	60.02 24	e'PPP	PPP	02 25 28.8	
BILL	comp=Z, 29nm, 1.3s				
BILL	60.02 24	MLR	MLR		
BILL	comp=Z, 55nm, 16.0s				
BILL	Biilbino	60.02 24	↑P	P	02 21 51.9 +0.4
BILL	60.02 24	sP	sP	02 21 53.0 +0.8	
IDI	Anoia	60.05 298	↑P	P	02 21 53.0 +0.6
IDI	Anoia	60.05 298	eP	P	02 21 52.1 -0.3
IDI	Anoia	60.05 298	P	P	02 21 52.6 +0.2
IDI	60.05 298	I Amb	I Amb	02 21 53.9	
RAF	Rauma	60.06 328	eP	P	02 21 53.1 +1.2
KTK1	Kautokeino	60.10 337	eP	P	02 21 53.3 +1.2
KTK1	60.10 337	I Amb	I Amb	02 21 55.6	
GZR	comp=Z, 7.6nm, 0.8s				
GZR	Gura Zlata	60.10 309	↑P	P	02 21 53.5 +0.8
VTS	Vitoshia	60.12 306	↑P	P	02 21 54.3 +1.3
VTS	Vitoshia	60.12 306	P	P	02 21 53.2 +0.3
VTS	60.12 306	I Amb	I Amb	02 21 55.4	
VTS	comp=Z, 21nm, 1.1s				
VTS	Vitoshia	60.12 306	P	P	02 21 53.2 +0.3
VTS	60.12 306	pmax	pmax		
PUNG	Pungina	60.13 308	↑P	P	02 21 54.4 +1.7
HAMP	Hammerfest	60.19 339	eP	P	02 21 54.3 +1.7
HERR	Herculeane	60.42 309	↑P	P	02 21 56.0 +1.3
SURR	Surdul	60.52 310	↑P	P	02 21 57.0 +1.6
STHS	Stebnicka Huta	60.73 314	eP	P	02 21 56.4 -0.4
STHS	60.73 314	pmax	pmax		
STHS	comp=Z, 4.0nm, 0.6s				
STHS	Stebnicka Huta	60.73 314	eP	P	02 21 56.4 -0.4
IMMV	Iera Moni Meta	60.74 298	eP	P	02 21 57.5 +0.4
BEL	Belsk	60.81 317	eP	P	02 21 58.6 +1.3
BZS	Buzias	60.89 310	↑P	P	02 21 58.6 +0.7
BZS	Buzias	60.89 310	P	P	02 21 58.6 +0.7
LODK	Lodwar	60.89 259	P	P	02 21 59.3 +0.8
AAL	Aland	60.92 327	eP	P	02 21 58.5 +0.6
MDVR	Moldovita	60.93 309	↑P	P	02 21 59.8 +1.5
LIT	Litokhoron	61.06 303	eP	P	02 21 58.3 -0.9
LIT	Litokhoron	61.06 303	I Amb	I Amb	02 21 59.9
BOVS	Bovan	61.09 308	↑P	P	02 21 59.8 +0.5
JETT	Jettan, Norway	61.16 337	eP	P	02 22 00.4 +1.0
JETT	61.16 337	I Amb	I Amb	02 22 00.5	
COEN	Coen	61.20 124	P	P	02 21 59.1 -1.3
COEN	61.20 124	I Amb	I Amb	02 23 46.0	
KECS	Kecevo	61.32 313	eP	P	02 22 02.4 +1.6
KECS	Kecevo	61.32 313	eP	P	02 22 02.4 +1.6
NIE	Niedzica	61.34 314	eP	P	02 22 01.1 +0.2
KMBO	Kilima Mbogo	61.36 254	P	P	02 22 02.2 +0.4
KMBO	Kilima Mbogo	61.36 254	P	P	02 22 02.2 +0.4
KMBO	comp=Z, 8.0nm, 1.2s				
KMBO	Kilima Mbogo	61.36 254	P	P	02 22 03.4 +1.6
KMBO	Kilima Mbogo	61.36 254	P	P	02 22 03.4 +1.6
KMBO	61.36 254	sP	sP	02 22 11.0 +0.9	
KMBO	61.36 254	pP	pP	02 22 30.6 +1.9	
AGG	Agios Georgios	61.37 302	P	P	02 22 00.4 -0.9
PMG	Port Moresby	61.58 117	P	P	02 22 02.1 -0.8
PMG	61.58 117	I Amb	I Amb	02 22 03.2	
PMG	comp=Z, 20nm, 0.8s				
PMG	Port Moresby	61.58 117	P	P	02 22 02.1 -0.8
PMG	61.58 117	pmax	pmax		
PMG	comp=Z, 20nm, 0.8s				
OJC	Ojcow	61.58 315	eP	P	02 22 03.4 +0.9
OJC	Ojcow	61.58 315	I Amb	I Amb	02 22 05.3
ASAR	Alice Springs	61.65 139	P	P	02 22 02.5 -0.8
ASAR	comp=Z, 10nm, 0.9s, baz=320, slow=6.5, SNR=72				
ASAR	Alice Springs	61.65 139	P	P	02 22 02.4 -0.9
TRO	Tromso	61.68 337	eP	P	02 22 03.0 +1.0

LANS	Liptovska Anna	61.91 314	eP	P	02 22 06.7 +1.9
LANS	comp=Z, 4.0nm, 1.0s				
LANS	Liptovska Anna	61.91 314	eP	P	02 22 06.7 +1.9
ITM	Ithome	62.03 300	I Amb	I Amb	02 22 37.8
UPP	Uppsala	62.12 326	eP	P	02 22 07.1 +1.2
FRGS	Fruska Gora	62.21 309	↑P	P	02 22 07.4 +0.5
FRGS	Fruska Gora	62.21 309	↑P	P	02 22 07.2 +0.3
DVBS	Divirabe	62.25 308	I Amb	I Amb	02 22 08.8
DVBS	comp=Z, 12nm, 0.9s				
DVBS	Divirabe	62.25 308	↑P	P	02 22 07.7 +0.5
SJES	Sjenica	62.40 307	↑P	P	02 22 09.1 +0.9
VYHS	Vyhne	62.41 313	eP	P	02 22 08.8 +0.7
VYHS	comp=Z, 16nm, 1.4s				
VYHS	Vyhne	62.41 313	eP	P	02 22 08.8 +0.7
VYHS	Vikobandet	62.67 325	eP	P	02 22 10.8 +1.2
OKC	Ostrava-Krasne	62.68 315	eP	P	02 22 11.2 +1.3
OKC	Ostrava-Krasne	62.68 315	eP	P	02 22 11.2 +1.3
RUDO	Rudo	62.77 308	eP	P	02 22 10.4 -0.2
GKP	Gorka Klasztor	62.84 319	eP	P	02 22 11.7 +0.9
GKP	Gorka Klasztor	62.84 319	eP	P	02 22 11.3 +0.5
SRO	Srobarova	62.85 313	eP	P	02 22 12.3 +1.3
SRO	comp=Z, 17nm, 0.7s				
SRO	Srobarova	62.85 313	eP	P	02 22 12.3 +1.3
MORH	Mragy, Hungary	62.86 311	↑P	P	02 22 12.0 +0.9
FAUS	Fauske	62.96 335	eP	P	02 22 12.4 +1.0
STEI	Steigen	62.97 335	eP	P	02 22 12.0 +0.6
HAPS	Han Pijesak, BI	62.99 308	↑P	P	02 22 12.9 +0.7
PDG	Podgorica	63.06 307	↑P	P	02 22 12.7 +0.3
PDG	Podgorica	63.06 307	I Amb	I Amb	02 22 13.4
MORC	Moravsky Berou	63.08 315	↑P	P	02 22 13.7 +1.1
MORC	Moravsky Berou	63.08 315	I Amb	I Amb	02 22 14.6
MORC	Moravsky Berou	63.08 315	eP	P	02 22 13.5 +0.9
MORC	Moravsky Berou	63.08 315	P	P	02 22 13.6 +1.1
JAVC	Velka Javorina	63.12 314	eP	P	02 22 14.4 +1.5
SPA0	Spitsbergen Ar	63.14 347	eP	P	02 22 14.0 +1.5
SPA0	63.14 347	I Amb	I Amb	02 22 23.5	
DRME	Dracevica, Mon	63.15 306	↑P	P	02 22 12.9 -0.2
MORH	Moi Rana	63.33 333	eP	P	02 22 13.9 0.0
MORH	63.33 333	I Amb	I Amb	02 22 14.9	
SMOL	Smolenice	63.33 313	eP	P	02 22 15.0 +0.8
MODS	Modra-Piesok	63.45 313	eP	P	02 22 16.4 +1.4
MODS	63.45 313	pmax	pmax		
MODS	comp=Z, 21nm, 1.0s				
MODS	Modra-Piesok	63.45 313	eP	P	02 22 16.4 +1.4
DOB	Doboj	63.48 309	eP	P	02 22 15.1 -0.1
BRY	Bratogost	63.49 307	↑P	P	02 22 15.6 +0.1
KRLC	Kraljicki	63.52 315	eP	P	02 22 16.6 +1.1
KRLC	Kraljicki	63.52 315	eP	P	02 22 16.6 +1.1
LOF	Lototen	63.61 336	eP	P	02 22 15.9 +0.3
LOF	63.61 336	I Amb	I Amb	02 22 16.7	
TREB	Trebinje	63.66 307	eP	P	02 22 16.1 -0.4
KSP	Kisaj	63.72 231	eP	P	02 22 17.7 +1.0
ABPO	Ambohimanom	63.74 316	eP	P	02 22 17.9 +0.5
ABPO	63.74 316	pP	pP	02 22 36.0 -0.3	
ABPO	63.74 316	sP	sP	02 22 44.6 +0.3	
VRAC	Vranov	63.76 314	↑P	P	02 22 18.2 +1.1
VRAC	63.76 314	LR	LR	02 53 19.9	
VRAC	comp=Z, 51nm, 18.8s, baz=58,				

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Table with columns: Code, Name, Value, Unit, Status, Date, Time, and other parameters. Includes entries like BCLA Clavier, RCHB Rochefort, BGES Gesves, etc.

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Table with columns: Code, Name, Value, Unit, Status, Date, Time, and other parameters. Includes entries like MDM Murphy Dome, CHGN Chignik, E27K Coleen River, etc.

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Table with columns: Code, Name, Value, Unit, Status, Date, Time, and other parameters. Includes entries like DAWY Dawson, C36M Pauluk, M27K Edge Creek, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BKZ Black Stump Fm, RAHZ Arah, NMHJ Numahu, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JSU Suzuyama, JSU Suzuyama, JNCB Ninganchiao, etc.

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

HARP	HAARP	82.77	24	P	P	03 10 40.7	-1.2
WRH	Wood River Hill	82.77	21	I	Amb	03 10 44.1	
GLB	Giaghina Butte	82.84	25	I	Amb	03 10 45.7	
VRDI	Verde Repeater	82.88	25	I	Amb	03 10 57.1	
VRDI	comp-Z,148nm,1.6s			IAMS_20	IAMS_20	03 44 57.5	
PAX	Paxson	82.94	23	P	P	03 10 41.7	-1.2
CCB	Clear Creek Bu	82.97	21	IAMS_20	IAMS_20	03 42 49.7	
MDM	Murphy Dome	83.00	21	IAMS_20	IAMS_20	03 43 23.3	
H23K	Yukon River	83.04	20	I	Amb	03 10 58.7	
H23K	comp-Z,60nm,1.2s					03 10 42.0	-1.2
TCOL	CIGO, UAF Yank	83.08	21	IAMS_20	IAMS_20	03 43 35.5	
COLA	Colleg	83.08	21	P	P	03 10 42.0	-1.4
COLA	comp-Z,63nm,0.9s			I	Amb	03 10 42.5	-0.9
COLA	Colleg	83.08	21	P	P	03 10 42.5	-0.9
COLA	Colleg	83.08	21	P	P	03 10 43.0	-0.4
COLA	Colleg	83.08	21	P	P	03 10 41.9	-1.5
COLA	Colleg	83.08	21	P	P	03 10 42.5	-0.9
COLA	comp-Z,63nm,0.9s						
COLA	Colleg	83.08	21	P	P	03 10 41.8	-1.5
MCARA	McCarthy VSAT	83.14	25	I	Amb	03 10 56.4	
MCARA	comp-Z,99nm,1.3s			IAMS_20	IAMS_20	03 45 14.3	
MCARA	McCarthy VSAT	83.14	25	P	P	03 10 42.1	-1.7
MCARA	comp-Z,241,1.0s						
DDI	Dehra Dun	83.15	302	eP	P	03 10 44.5	-0.2
HDA	Harding Lake	83.15	22	I	Amb	03 10 55.4	
HDA	comp-Z,113nm,1.4s						
HDA	Harding Lake	83.15	22	P	P	03 10 42.4	-1.4
K24K	Donnelly Dome	83.26	22	P	P	03 10 42.9	-1.5
POKR	Poker Plat Res	83.37	21	I	Amb	03 10 46.2	
POKR	comp-Z,127nm,1.9s			IAMS_20	IAMS_20	03 43 02.1	
POKR	Poker Plat Res	83.37	21	P	P	03 10 44.0	-0.9
IL31	IL31	83.37	21	P	P	03 10 44.0	-0.9
IL31	comp-Z,66nm,1.4s			I	Amb	03 10 58.0	
ILAR	Eielson Array	83.37	21	P	P	03 10 43.1	-1.8
ILAR	comp-Z,5.5nm,0.6s,baz=250,slow=5.7,SNR=53					03 21 01.6	-1.1
ILAR	comp-Z,0.2nm,0.5s,baz=319,slow=33,SNR=2.8						
ILAR	comp-Z,8um,21.9s,baz=239,slow=32					03 43 02.9	
G23K	Bananza Creek	83.40	19	P	P	03 10 44.4	-0.7
BARN	Barnard Glacie	83.57	26	I	Amb	03 10 49.9	
RIDG	Independent Ri	83.58	23	IAMS_20	IAMS_20	03 45 51.9	
RIDG	Independent Ri	83.58	23	P	P	03 10 45.7	-0.4
H24K	Noodor Dome	83.61	20	I	Amb	03 10 56.8	
H24K	Noodor Dome	83.61	20	P	P	03 10 45.8	-0.4
MENT	Mentasta	83.62	24	I	Amb	03 11 00.9	
MENT	Mentasta	83.62	24	P	P	03 10 48.5	+2.2
M26K	Nabesna, AK	83.65	24	I	Amb	03 10 49.4	
M26K	Nabesna, AK	83.65	24	P	P	03 10 45.6	-0.8
COLD	Coldfoot	83.65	18	I	Amb	03 11 01.3	
COLD	Coldfoot	83.65	18	P	P	03 10 46.4	+0.1
PNCM	Pinnacle	83.75	27	I	Amb	03 10 59.5	
PINM	Pinnacle	83.75	27	P	P	03 10 46.6	-0.5
L26K	Log Cabin Wild	83.81	24	I	Amb	03 11 00.9	
L26K	comp-Z,61nm,1.4s			IAMS_20	IAMS_20	03 44 57.9	
L26K	Log Cabin Wild	83.81	24	P	P	03 10 46.9	-0.3
DOT	Dot Lake	83.84	23	I	Amb	03 10 57.5	
PNL	Peninsula	83.95	28	P	P	03 10 47.4	-0.7
SCRK	Sand Creek	84.03	23	I	Amb	03 10 51.2	
SCRK	Sand Creek	84.03	23	P	P	03 10 48.1	-0.4
SMLA	Simla	84.07	302	eP	P	03 10 48.1	-1.1
SMLA	comp-Z,293nm,1.1s			I	Amb	03 10 51.4	
O28M	Mount Upton	84.08	26	P	P	03 10 48.5	-0.5
M27K	Edge Creek, AK	84.08	25	I	Amb	03 10 59.8	
M27K	Edge Creek, AK	84.08	25	P	P	03 10 48.4	-0.4
MK31	Makanchi Array	84.13	319	P	P	03 10 48.8	-0.5
MK31	Makanchi Array	84.13	319	P	P	03 10 48.8	-0.5
MKAR	Makanchi Array	84.13	319	P	P	03 10 48.7	-0.5
MKAR	comp-Z,166nm,0.8s,baz=102,slow=5.5,SNR=322					03 14 01.9	-2.1
MKAR	comp-Z,4.7nm,1.0s,baz=121,slow=1.1,SNR=2.2					03 21 08.2	-2.9
MKAR	comp-Z,0.4nm,0.9s,baz=54,slow=6.3,SNR=1.7					03 37 09.1	+0.8
MKAR	comp-Z,1.3nm,1.0s,baz=276,slow=2.3,SNR=6.5					03 46 56.4	
G24K	Hadweenic Riv	84.23	20	P	P	03 10 48.7	-0.6
PRP	Porcupine Dome	84.26	21	IAMS_20	IAMS_20	03 45 03.7	
PRP	Porcupine Dome	84.26	21	P	P	03 10 49.3	-0.3
E23K	Chandalar	84.32	18	P	P	03 10 49.7	-0.1
MAKZ	Makanchi	84.34	318	P	P	03 10 50.1	-0.2
MAKZ	Makanchi	84.34	318	P	P	03 10 50.1	-0.2
YUK3	Moose Creek	84.41	25	P	P	03 10 49.8	-0.8
MAW	Mawson	84.42	203	P	P	03 10 50.3	+0.1
MAW	comp-Z,79nm,1.0s,baz=116,slow=5.0,SNR=6.7					03 46 23.5	
MAW	comp-Z,2um,19.1s,baz=88,slow=34						
MAW	Mawson	84.42	203	P	P	03 10 51.5	+1.3
MAW	comp-Z,94,SNR=8.9			I	Amb	03 10 56.6	+0.4
MAW	Mawson	84.42	203	P	P	03 11 00.8	
MAW	comp-Z,68nm,1.3s						
MAW	Mawson	84.42	203	P	P	03 10 51.8	+1.6
MAW	Mawson	84.42	203	P	P	03 10 53.7	-0.1
MAW	Mawson	84.42	203	P	P	03 10 50.6	+0.4
L27K	Beaver Creek	84.44	24	I	Amb	03 10 53.7	
L27K	Beaver Creek	84.44	24	P	P	03 10 50.1	-0.4
J26L	Joseph Creek	84.46	22	IAMS_20	IAMS_20	03 43 47.9	
J26L	Joseph Creek	84.46	22	P	P	03 10 49.8	-0.8
A21K	Barrow	84.49	14	IAMS_20	IAMS_20	03 49 01.5	

A21K	Barrow	84.49	14	P	P	03 10 50.1	-0.3
YUK8	Steele Glacier	84.49	26	P	P	03 10 50.0	-1.1
D23K	Nanushuk River	84.54	17	P	P	03 10 51.1	+0.2
F24K	Squaw Lake	84.55	19	P	P	03 10 50.5	-0.4
O29M	Mount Kennedy	84.59	27	P	P	03 10 50.6	-0.8
TOLK	Toolik Lake Re	84.67	17	IAMS_20	IAMS_20	03 44 53.5	
TOLK	Toolik Lake Re	84.67	17	P	P	03 10 51.0	-0.5
E24K	Your Creek	84.68	18	P	P	03 10 50.9	-0.6
POO	Poo Poo	84.69	289	eP	P	03 10 51.9	-0.8
G25K	Bearman Lake	84.72	20	P	P	03 10 51.3	-0.4
K27K	Chicken	84.80	23	I	Amb	03 10 55.9	
K27K	comp-Z,208nm,2.0s			IAMS_20	IAMS_20	03 46 38.9	
K27K	Chicken	84.80	23	P	P	03 10 52.3	+0.1
ZALV	Zalesovo Beam	84.85	326	P	P	03 10 51.8	-0.9
ZALV	comp-Z,85nm,0.7s,baz=113,slow=5.7,SNR=151					03 37 05.8	-0.5
ZALV	comp-Z,0.9nm,0.7s,baz=276,slow=5.8,SNR=5.0					03 50 13.4	
ZALV	comp-Z,2um,19.9s,baz=108,slow=37						
ZALV	Zalesovo Beam	84.85	326	P	P	03 10 51.5	-1.1
SIT	Sitka	84.87	31	P	P	03 10 52.5	-0.1
FYU	Fort Yukon	84.91	20	IAMS_20	IAMS_20	03 44 10.8	
YUK6	Outpost Mounta	84.96	27	P	P	03 10 52.5	-0.8
YUK4	Talbot Arm	85.00	26	P	P	03 10 53.3	-0.3
I26K	Coal Creek Min	85.01	22	I	Amb	03 11 03.5	
I26K	Coal Creek Min	85.01	22	P	P	03 10 52.5	-0.8
SHLS	Shalkode	85.07	314	P	P	03 10 52.1	-2.1
SHLS	Shalkode	85.07	314	P	P	03 10 52.1	-2.1
P30M	Million Dollar	85.26	28	P	P	03 10 54.1	-0.5
PLBC	Pleasant Camp	85.27	28	P	P	03 10 54.4	-0.2
HYT	Haines Junctio	85.29	27	I	Amb	03 10 59.0	
HYT	Haines Junctio	85.29	27	P	P	03 10 54.7	-0.3
F25K	Christian River	85.31	19	P	P	03 10 55.2	+0.4
UZB	Uzymbulak	85.38	314	eP	P	03 10 55.2	-0.6
UZB	comp-Z,248nm,2.2s					03 21 15.3	-2.6
UZB	Uzymbulak	85.38	314	eP	P	03 10 55.1	-0.6
UZB	Uzymbulak	85.38	314	eP	P	03 10 55.2	-2.6
EGAK	Eagle	85.50	23	I	Amb	03 11 09.6	
EGAK	comp-Z,248nm,2.2s			IAMS_20	IAMS_20	03 43 58.5	
EGAK	Eagle	85.50	23	P	P	03 10 55.5	-0.2
M29M	Somme Creek	85.55	25	P	P	03 10 56.0	-0.1
C24K	Franklin Bluff	85.55	17	P	P	03 10 55.6	-0.2
G26K	Porcupine Rive	85.60	20	P	P	03 10 55.8	-0.3
E25K	Arctic Village	85.62	19	P	P	03 10 56.4	+0.1
U33K	Whale Pass	85.68	32	P	P	03 10 56.1	-0.6
KPKS	Kokpek	85.69	315	eP	P	03 10 56.8	-0.5
KPKS	comp-Z,238nm,2.4s,baz=315					03 10 56.7	-0.5
KPKS	Kokpek	85.69	315	eP	P	03 10 56.7	-0.5
KPKS	comp-Z,237nm,2.4s						
I27K	Kandik River	85.71	22	P	P	03 10 56.3	-0.5
N30M	Aishikik Lake	85.73	26	P	P	03 10 56.1	-0.9
SKAG	Skagway	85.76	29	P	P	03 10 57.1	0.0
JIS	Juneau Island	85.79	30	IAMS_20	IAMS_20	03 44 10.5	
SATY	Saty	85.79	314	P	P	03 10 57.3	-0.6
SATY	comp-Z,192nm,2.7s,baz=314					03 10 57.2	-0.6
SATY	Saty	85.79	314	P	P	03 10 57.2	-0.6
ZHN	Zhinshke	85.80	314	eP	P	03 10 57.2	-0.6
ZHN	Zhinshke	85.80	314	eP	P	03 10 57.2	-0.6
DAWY	Dawson	85.86	24	P	P	03 10 57.8	+0.2
DAWY	comp-Z,110nm,1.6s			I	Amb	03 11 10.8	
DAWY	Dawson	85.86	24	P	P	03 10 57.8	+0.2
O30N	Mendenhall	85.91	27	P	P	03 10 57.9	0.0
TARG	Taragay, Kyrgy	85.91	313	P	P	03 10 58.8	0.0
TARG	Taragay, Kyrgy	85.91	313	P	P	03 10 58.8	0.0
L29M	L29M	85.97	25	P	P	03 10 58.2	+0.1
T33K	Petersburg	86.00	31	P	P	03 10 58.0	-0.3
D25K	Kavik River	86.01	18	P	P	03 10 57.9	-0.3
H27K	Steamboat Moun	86.04	21	P	P	03 10 58.5	0.0
WRAK	Wrangell Islan	86.19	32	IAMS_20	IAMS_20	03 43 14.2	
V35K	Chetikan	86.23	30	P	P	03 10 58.6	-0.8
TDK	Taldyqorghan	86.26	316	eP	P	03 10 59.5	-0.4
TDK	comp-Z,316					03 50 23.4	
TDK	Taldyqorghan	86.26	316	eP	P	03 10 59.5	-0.4
G27K	Doyon Strip	86.27	21	P	P	03 10 59.2	-0.3
M30M	Minto, Yukon	86.31	25	IAMS_20	IAMS_20	03 47 56.0	
M30M	Minto, Yukon	86.31	25	P	P	03 10 59.3	-0.5
N31M	Braeburn, Yuko	86.32	27	I	Amb	03 11 15.2	
N31M	comp-Z,5um,19.0s			IAMS_20	IAMS_20	03 49 15.5	
N31M	Braeburn, Yuko	86.32	27	P	P	03 10 59.4	-0.5
SEM	Semipalatinsk	86.45	322	eP	P	03 10 59.5	-1.5
SEM	Semipalatinsk	86.45	322	eP	P	03 10 59.5	-1.5
SEM	comp-Z,292nm,2.2s						
ARXS	Arharly	86.48	315	eP	P	03 11 00.0	-1.1

Table with columns for country/region, name, date, and various codes. Includes entries like NEHRU, DWPF, BEL, CLP, TJOU, etc.

Table with columns for country/region, name, date, and various codes. Includes entries like OSTC, OSTC, KRLL, KRLL, KRLL, etc.

Table with columns for country/region, name, date, and various codes. Includes entries like STIP, GCUF, GRG, GCUF, GRG, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like HCY Herceg Novi, RLS Riolos of Patr, ITM Ithomi, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like IT0B Itauqui, PAMC Pamplona, STRD Stroud, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like PFV1 Vila Bisbo, PFV2 Vila Bisbo, BDFB Brasilia, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like COLA College, HDA Hardin Lake, IL31, ILAR Eielson Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like BRVK Borovoye, C36M Paulutok, A36M Paulutok, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like CPUP Villa Florida, SDV Santa Domingo, ETMB Extrema, etc.

Table with columns: YULB, YULB, EYUL, TDCB, WUSB, WUSD, WVDT, WVDT, YMO1, YMO1, YMO1, FULB, FULB, NFF, NFF, EHD, EHD, SSSL, SSSL, EDH, EDH, WHP, WHP, JTJ, JTJ, WCS, WCS, LIOB, LIOB, SMLT, SMLT, TYC, TYC, LDUT, LDUT, ELDTW, ELDTW, TWQ1, TWQ1, LONT, LONT, ALS, ALS, WNT, WNT, STYH, STYH, WDLH, WDLH, WDH, WDH, TPUB, TPUB, CHN4, CHN4, WRC, WRC, WTP, WTP, ECL, ECL, WRL, WRL, WTK, WTK, SGST, SGST, CHN1, CHN1, CHN1, TWK, TWK, LAY, LAY, LYUB, LYUB, WSL, WSL, EAST, EAST, EAST, MASBT, MASBT, SMST, SMST, WDG, WDG, WDTG, WDTG, PHUB, PHUB, PHUB, PHUB, WYUC, WYUC

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes sub-sections: HEL 04 04:06:35.2,0.3,67.69N,33.62E, h0km, ML1.1, Explosion, Baltic States-Belarus-Northwestern Russia; NOU 04 04:11:54.8,42.76S,172.68E, h3km, MLV4.1/12, South Island, New Zealand; WEL 04 04:11:55.0,0.3,43.32E,17.30E, h10km,4km, M3.9/71, ML4.0/13, MLV3.9/71, Error ellipse: s-maj=0.0km s-min=0.0km az=98.7, confirmed; ISC 04 04:11:54.6,1.3,42.70S,0.02E,172.69E,0.003, h5km,1.2km, n82,+1935/89, South Island

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes sub-sections: IDC 04 04:20:39.4-6.4, 6.88S, 154.79E, h0km, mb3.4/3, mbtm3.4/3, Error ellipse: s-maj=183.9km s-min=38.9km az=111.0, Bougainville-Solomon Islands region; IDC 04 04:23:23.4-0.7, 37.32N, 141.49E, h0km, mb3.8/18, mbtm3.8/22, ML3.4/3, Error ellipse: s-maj=17.4km s-min=16.6km az=124.0; JMA 04 04:23:25.2,0.2, 37.3N, 141.0E, h34km,2km, MV3.9/37, E OFF FUKUSHIMA PREF; JMA Felt J1 at E OFF FUKUSHIMA PREF; NEIC 04 04:23:29.8,1.2, 37.45N, 141.41E, h46km,9km, mb4.1/10, Error ellipse: s-maj=11.3km s-min=9.7km az=48.0; ISC 04 04:23:27.2,1.4, 37.32N, 141.45E, h30km,9km, n81,+1938/62, mb3.9/24, 2D, Near east coast of eastern Honshu

IDC 04 04:04:53.6,2.1, 7.07S, 155.50E, h0km, mb3.7/7, mbtm3.7/7, Error ellipse: s-maj=74.2km s-min=25.1km az=112.0

ISC 04 04:05:00.8,0.9, 7.15S, 155.45E, 0.1, h50km, n11,

ISC 04 04:23:27.2,1.4, 37.32N, 141.45E, h30km,9km, n81,+1938/62, mb3.9/24, 2D, Near east coast of eastern Honshu

comp=Z,0.5nm,0.4s,baz=347,slow=8.0,SNR=1.5
H03N2 Juan Fernandez 147.02 96 T T 07 27 11.9
H03N3 Juan Fernandez 147.03 96 T T 07 27 14.8
H03N1 Juan Fernandez 147.06 96 T T 07 27 12.7

IDC 04 04:46:38.0,1.6,53.39N,165.93W,h0km,mb3.7/8,
mtbtp3.6/10,ML2.9/2,Error ellipse: s-maj=37.2km
s-min=20.8km az=7.0
NEIC 04 04:46:44.1,0.5,33.99N,165.63W,0.07,
h15km,12km,ML3.7/6,ML3.5(AEIC),Error ellipse:
s-maj=6.9km,s-min=4.3km az=134.0
AEIC 04 04:46:45.7,1.6,53.49N,165.67W,0.09,h23km,7km,
Error ellipse: s-maj=7.4km,s-min=6.0km az=86.0
ISC 04 04:46:42.8,0.5,33.32N,165.57W,0.05,h32km,n27,
a195/20,mb3.6/8,Fox Islands

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like UNV, KADK, ILAR, YKA, NVAR, H11N2, etc.

IDC 04 04:49:31.4,2.7,0.81S,127.85E,h0km,mb3.4/3,
mbtimp3.4/3,Error ellipse: s-maj=226.6km
s-min=27.9km az=67.0,Halmahera
Code Station Name Az Phase ID Op ISC Time Res h m s ISC

IDC 04 04:49:28.8,1.6,10.31N,126.94E,h0km,mb3.7/4,
mbtimp3.7/4,Error ellipse: s-maj=153.6km s-min=23.9km
az=67.0
MAN 04 04:49:34.2,10.43N,126.60E,h1km,mb4.1,ML2.8,MS2.5
ISC 04 04:49:32.0,1.1,10.40N,126.91E,0.10,h20km,n10,
a091/14,mb3.8/4,3C-2D,Philippine Islands region

NOU 04 05:23:59.1,39.07S,178.45E,h137km,MLV4.0/6,Off E.
Coast of N. Island, N.Z.
WEL 04 05:24:18.6,0.7,40.52S,177.6E,h26km,7km,M3.0/9,
ML3.3/9,MLV3.0/9,Error ellipse: s-maj=0.0km
s-min=0.0km az=32.9,confirmed
ISC 04 05:24:18.2,1.0,39.64S,178.24E,0.02,h18km,3km,
n97,a1940/14,North Island

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like BKZ, KAHZ, TUVZ, WNVZ, etc.

IDC 04 05:37:20.2,3.6,1.46S,100.84E,h0km,mb3.6/5,
mbtimp3.6/5,Error ellipse: s-maj=162.7km s-min=23.7km
az=56.0
DJA 04 05:37:24.0,0.6,2.5S,101.0E,h10km,M3.8/7,MLV3.8/7
ISC 04 05:37:23.1,1.0,1.86S,100.05E,0.10E,0.10,h34km,n16,
a133/14,mb4.0/5,Southern Sumatara

IDC 04 05:42:03.2,0.7,57.86N,142.34E,h0km,mb3.8/11,
mbtimp3.8/17,ML4.1/4,Error ellipse: s-maj=15.6km
s-min=9.9km az=178.0
MOS 04 05:42:04.2,1.1,57.60N,142.56E,h13km,mb4.2/13,Error
ellipse: s-maj=15.1km s-min=8.0km az=83.0
NEIC 04 05:42:05.4,1.6,57.7N,142.5E,0.2,h10km,2km,
mb4.2/11,Error ellipse: s-maj=21.9km s-min=13.3km
az=148.0
NERS 04 05:42:08.2,0.0,57.65N,142.90E,h33km
ISC 04 05:42:05.2,0.5,57.79N,142.36E,0.04,h10km,n68,
a1214/61,mb4.0/24,3C-1D,Sea of Okhotsk

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like TOLON, MA2, MA2, MA2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like McCarthy VSAT, Barnard Glacier, Makanchi Array, etc.

IDC 04 05:46:44.7-2.2, 8.02S, 122.78E, h0km, mb3.2/1, mbmtpp3.4/3, ML3.6/2, MS3.3/1, Error ellipse: s-maj=272.8km s-min=31.3km, Az=56.0, Flores region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Davao City (W), Warramunga Arr, Alice Springs, etc.

IDC 04 05:58:25.8-3.9, 10.68S, 115.42E, h0km, mb3.2/3, mbmtpp3.2/3, Error ellipse: s-maj=206.5km s-min=31.5km az=52.0, South of Bali

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Songino Array, Makanchi Array, etc.

WEL 04 06:15:04.9-0.5, 42.3S, 17.4E, h25km, 4km, M3.3/6, ML3.5/8, ML3.3/6, Error ellipse: s-maj=0.0km s-min=0.0km az=15.9, confirmed, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Blackbirch Sta, Kahutara, Cape Campbell, Tuamarina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Moawhango, Vera Road, Wahianoa, etc.

NEIC 04 06:32:14.3-1.9, 5.9S, 0.1, 155.04E, 0.05, h170km, 8km, mb4.2/16, Error ellipse: s-maj=16.8km s-min=5.4km

IDC 04 06:32:14.1-1.8, 5.96S, 154.86E, h168km, 15km, mb3.6/11, mbmtpp4.1/15, MS3.1/1, Error ellipse: s-maj=20.0km s-min=12.9km

ISC 04 06:32:16.9-0.6, 5.97S, 0.07, 154.79E, 0.09, h200km, n51, c144.49, mb4.0/16, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Rabaul, Keravat, Port Moresby, etc.

IDC 04 06:46:15.0-1.9, 4.95N, 122.82E, h0km, mb4.1/3, mbmtpp4.1/3, Error ellipse: s-maj=218.9km s-min=25.2km az=63.0, Celebes Sea

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

NNC 04 06:59:09.8-1.4, 41.54N, 71.21E, h0km, mb3.1, mpv3.2, Error ellipse: s-maj=15.0km s-min=4.0km az=10.0

SOME 04 06:59:10.9, 41.63N, 71.25E, h10km, KRNET 04 06:59:10.4, 41.60N, 71.20E, h23km, mb2.4

ISU 04 06:59:11.4, 41.25N, 71.92E, h7km, ISC 04 06:59:11.6, 41.61N, 71.21E, h13km, 6km, n28, c085/48, 21-C-3D, Kyrgyzstan

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

ISC 04 06:59:09.8-1.4, 41.54N, 71.21E, h0km, mb3.1, mpv3.2, Error ellipse: s-maj=15.0km s-min=4.0km az=10.0

SOME 04 06:59:10.9, 41.63N, 71.25E, h10km, KRNET 04 06:59:10.4, 41.60N, 71.20E, h23km, mb2.4

ISU 04 06:59:11.4, 41.25N, 71.92E, h7km, ISC 04 06:59:11.6, 41.61N, 71.21E, h13km, 6km, n28, c085/48, 21-C-3D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Terek-Say, Kasansay, etc.

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

IDC 04 06:59:38.2-1.4, 21.11N, 121.99E, h0km, mb3.3/4, mbmtpp3.4/5, ML3.8/1, MS3.0/3, Error ellipse: s-maj=77.3km s-min=24.0km az=69.0

TAP 04 06:59:40.6, 21.59N, 122.20E, h20km, 1km, ML3.6, D JMA 04 06:59:44.6, 21.52N, 122.21E, h61km, MV3.9, 10, TAIWAN REGION

NIED 04 06:59:44.6, 21.63N, 121.90E, h61km, MW3.9, Moment Tensor Solution, s2, Moment tensor: Scale 10^14Nm, Mrr:22, Mtheta:4.12, Mphi:3.10, Mxx:0.67, Mxy:5.07, Fault plane solution: Mb:8.41000x10^14, NP1:48.00000, 871.00000, 184.00000, NP2:245.00000, 820.00000, 1106.00000

MAN 04 06:59:46.7, 21.07N, 121.62E, h3km, mb4.6, ML3.4, MS3.3, ISC 04 06:59:38.5-1.3, 21.60N, 122.26E, 0.03, h7km, 10km, n57, c1947/88, mb3.3/4, 4C-1D, Taiwan region

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Karatobe, SATY, KUU, CHKK, KURS, IUG, UZB, KPKS, SHLS, KK31, PDGK, BLB, BTLS, DJR, etc.

IDC 04 07:18.15.3.2.2.42.92N:29.37W, h0km, mb3.7/6, mbmp3.6/7, ML4.0/1, MS3.3/5, Error ellipse: s-maj=60.1km s-min=29.2km az=37.0

ISC 04 07:18.16.9.1.8.42.93N:03.29.3W:0.2, h10km, n12, c05147, mb3.6/6, MS3.4/5, Azores Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like ESDC, SCHO, NOA, FRB, VRAC, TORO, BRTR, YKA, TXAR, ZALV, MKAR, SONMI, etc.

WEL 04 07:27.00, 41.83S:174.12E, h11km, ML4.5, Mw4.3, Moment Tensor Solution, s7 Moment tensor, Scale 1015 Nm; Mn2.86; M90.36; M90-3.22; M90-1.11; M90-1.48; Mw-1.16; Fault plane solution: M3.75000x1015 NP1: c=225.00000; s=45.00000; l=130.00000; NP2: c=355.00000; s=87.00000; l=157.00000; Principal axes: T 367.6200, P162.6000, Azm211.0000; N 15.7400, Plg27.0000; Azm114.0000; P -383.3500, Plg7.0000; Azm108.0000; IDC 04 07:27.35.0.0.8.41.68S:174.07E, h0km, mb4.4/6, mbmp4.4/8, ML3.8/2, MS3.3/4 Error ellipse: s-maj=24.7km s-min=21.3km az=96.0 NEIC 04 07:27.37.8.1.6.41.82S:0.03:174.19E:0.03, h19km,5km, mb4.5/7, Mw4.3/32, Error ellipse: s-maj=4.4km s-min=3.1km az=206.0, Moment Tensor Solution, Moment tensor: Scale 1015 Nm; Mn3.10; Mw-0.82; Mw-2.28; Mw-1.73; Mw-1.18; Fault plane solution: M3.66000x1015 NP1: c=208.33000; s=132.15000; l=81.61000; NP2: c=38.21000; s=58.23000; l=95.24000; Principal axes: T 3.4951, Plg76.0000; Azm324.0000; N 0.3097, Plg4.0000; Azm215.0000; P -3.8049,

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Cape Campbell, Baring Head, South Karori, Kahutara, Palliser, Moikau Station, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Urewera, Waramunga, Port Moresby, etc.

IDC 04 07:33:07.2.4.4.7.24S:155.52E, h88km,44km, mb3.5/7, mbmp3.8/7, MS3.6/4, Error ellipse: s-maj=32.5km s-min=20.3km az=142.0

ISC 04 07:33:08.0.8.7.15S:0.2:155.4E:0.1, h50km, n14, c092120, mb3.8/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like HNR, PMG, CTA, WRA, ASAR, STKA, H11S, H11S2, H11S1, ILAR, MKAR, ZALV, BDFB, etc.

PKI	Pulchoki	76.27 301	eP	P	10 17 08.4	-0.7
PKIN	Pulchoki	76.28 301	eP	P	10 17 08.8	-0.3
KKN	Kakani	76.44 301	eP	P	10 17 09.7	-0.2
DMN	Daman	76.54 301	eP	P	10 17 10.7	+0.2
GKN	Gorkna	77.64 301	eP	P	10 17 13.2	0.0
KOLN	Koldanda	77.87 301	eP	P	10 17 17.5	-0.4
DANN	Dangsing	77.88 301	eP	P	10 17 17.6	-0.5
PYUN	Piuthan	78.47 301	eP	P	10 17 20.6	-0.7
M19K	Big River Lodg	78.97 22	I Amb	I Amb	10 17 27.0	
WMQ	Urumqi	79.60 317	eP	P	10 17 28.2	+1.3
WMQ			pmax	pmax		
RDOG	Red Dog Mine	80.64 15	I Amb	I Amb	10 17 35.3	
CAST	Castle Rocks	80.75 21	P	P	10 17 33.0	+0.4
CAST			I Amb	I Amb	10 17 35.1	
TIXI	Tiksi	80.80 352	eP	P	10 17 33.0	+0.4
TIXI		80.80 352	eP	P	10 17 33.9	+1.3
TIXI			pmax	pmax		
CUT	Chulitna	80.81 22	P	P	10 17 33.8	+0.9
IMAR	Indian Mountai	81.79 19	P	P	10 17 37.5	-0.5
I2IK	Tanana	81.86 20	I Amb	I Amb	10 17 43.8	
DGZ	Jazzator, Alta	81.88 322	dIP	P	10 17 39.5	+0.4
DGZ			pmax	pmax		
MCK	McKinley	82.07 22	P	P	10 17 38.9	-0.7
MCK			I Amb	I Amb	10 17 42.0	
MCK	McKinley	82.07 22	P	P	10 17 38.9	-0.7
MCK			pmax	pmax		
QSPA	South Pole Qui	82.65 180	P	P	10 17 43.5	+0.7
QSPA			I Amb	I Amb	10 17 53.2	
WRH	Wood River Hill	82.80 21	P	P	10 17 44.3	+1.0
TCOL	CIGO, UAF Yank	83.10 21	I Amb	I Amb	10 17 47.0	
COLA	College	83.11 21	P	P	10 17 46.5	+1.6
COLA			I Amb	I Amb	10 17 47.0	
COLA	College	83.11 21	P	P	10 17 46.5	+1.6
COLA			pmax	pmax		
IL31		83.40 21	I Amb	I Amb	10 17 48.9	
ILAR	Eielson Array	83.40 21	P	P	10 17 44.8	-1.6
ILAR			LR	LR	10 49 16.0	
ILAR			LR	LR		
MK31	Makanchi Array	84.17 319	P	P	10 17 51.7	+0.8
MK31		84.17 319	P	P	10 17 51.7	+0.8
MK31			pmax	pmax		
MKAR	Makanchi Array	84.17 319	P	P	10 17 50.8	0.0
MKAR			pmax	pmax		
MKAR	Makanchi Array	84.17 319	P	P	10 17 51.6	+0.8
MKAR		84.17 319	iP	P	10 17 51.2	+0.4
MKAR			pmax	pmax		
MAKZ	Makanchi	84.38 318	P	P	10 17 52.7	+0.8
MAKZ		84.38 318	P	P	10 17 52.7	+0.8
MAKZ			pmax	pmax		
ZAAO	Zalesovo Array	84.89 326	P	P	10 17 53.9	-0.3
ZALV	Zalesovo Beam	84.89 326	P	P	10 17 53.7	-0.6
ZALV			pmax	pmax		
ZALV	Zalesovo Beam	84.89 326	P	P	10 17 54.0	-0.2
ZALV			pmax	pmax		
BMAR	Burnt Mountain	85.60 20	P	P	10 17 58.8	+1.2
KSH	Kashi	86.82 310	pP	sP	10 18 06.2	+1.8
KSH			PP	PP	10 18 21.6	+0.1
KSH			pmax	pmax	10 21 34.0	+6.5
KSH			LR	LR		
KSH			LR	LR		
I29M	Oglivie Camp,	86.86 23	I Amb	I Amb	10 18 07.0	
BBB	Bella Bella	87.32 37	LR	LR	10 53 38.3	
KURK	Kurchatov	87.58 322	P	P	10 18 07.6	+0.1
KURK			I Amb	I Amb	10 18 07.8	
KURK	Kurchatov	87.58 322	P	P	10 18 07.6	+0.1
KURK			pmax	pmax		
KURB	Kurchatov Arra	87.61 322	P	P	10 18 06.8	-0.8
KURB			pmax	pmax		
AAK	Ala-Archa	88.55 313	ceP	P	10 18 12.5	-0.1
AAK			pmax	pmax		
NR1K	Noril'sk	89.31 341	P	P	10 18 14.9	-0.5
NR1K			I Amb	I Amb	10 18 14.8	-0.5
NR1K			I Amb	I Amb	10 18 15.3	
NR1K			pmax	pmax		
NR1K			pmax	pmax		
INK	Inuvik	89.75 21	LR	LR	10 55 14.6	
INK			I Amb	I Amb	10 18 17.3	-0.1
INK			I Amb	I Amb	10 18 39.2	
INK			pmax	pmax		
INK			pmax	pmax		
NVAR	Nina Array	91.31 52	P	P	10 18 27.6	+1.9
NVAR			pmax	pmax		
BVAR	Borovoye Array	93.03 323	P	P	10 18 32.0	-1.0
BVAR			I Amb	I Amb	10 18 32.0	-1.0
BRVK	Borovoye	93.10 323	P	P	10 18 32.9	-0.4
BRVK			I Amb	I Amb	10 18 33.0	
BRVK	Borovoye	93.10 323	P	P	10 18 32.9	-0.4
BRVK			pmax	pmax		
C36M	Paulatuk	93.34 20	P	P	10 18 33.9	-0.1
NEW	Newport	93.48 42	LR	LR	10 55 17.5	
A36M	Sachs Harbour	93.52 18	P	P	10 18 35.1	+0.3
A36M			I Amb	I Amb	10 18 40.2	
YKA	Yellowknife Arr	96.26 28	P	P	10 18 46.9	-0.7
YKA			pmax	pmax		
LP1G	La Paz	96.50 67	LR	LR	10 53 58.1	
ABKAR	Akbulak array	99.31 319	P	Pdf	10 19 00.3	-1.4
ABKAR		99.31 319	I Amb	I Amb	10 19 09.6	
ABKAR			pmax	pmax		
ARCES	ARCES Array B	110.13 343	PKIKP	PKIKP	10 23 49.5	-1.1
OBN	Obninsk	112.45 327	ePKIKP	ePKIKP	10 23 54.1	-1.2
OBN			ePPP	ePPP	10 24 38.8	
OBN			pmax	pmax	10 27 03.2	
OBN			pmax	pmax		
FINES	FINES Array B	114.56 336	PKP	PKIKP	10 23 58.7	-0.5
AKASG	Malin Array Be	118.26 325	PKP	PKPpdf	10 24 05.9	-0.7
BRTR	Keskin Array B	119.19 312	PKP	PKP	10 24 07.6	-1.4
NB2	NORSAR Subarr120.27 341	PKPpdf	PKPpdf	10 24 10.0	-0.3	
NOA	NORSAR Array B	120.27 341	PKP	PKPpdf	10 24 09.6	-0.7
BOSA	Boshof	120.42 231	PKP	PKPpdf	10 24 11.7	0.0
BRG	Berggiesshubel	126.31 331	ePKIKP	PKIKP	10 24 23.1	+0.5
BRG			Amp	Amp	10 24 23.4	

BRG	Berggiesshubel	126.31 331	ePKIKP	PKIKP	10 24 23.0	+0.5
BRG			pmax	pmax		
CLL	Colim	126.47 332	iPKPpdf	PKIKP	10 24 22.8	-0.1
CLL			ex	x	10 24 34.0	
CLL	Colim	126.47 332	iPKIKP	PKIKP	10 24 22.8	-0.1
CLL			e	e	10 24 34.0	
CLL			pmax	pmax		
GERES	GERESS Array B	127.74 329	PKP	PKIKP	10 24 25.6	0.0
LPZ	La Paz	130.61 119	PKP	PKPpdf	10 24 32.4	+0.3
ESDC	Sonessa Array	143.02 334	PKHkP	PKPpre	10 24 49.6	
BDFB	Brasilia	147.19 134	PKPbc	PKPbc	10 25 03.0	-0.8
TORD	Torodi Arr. Bea	153.87 285	PKPbc	PKPbc	10 25 18.8	-0.9
TORD			pmax	pmax		

IDC 04 10:14:28.9; 1.8; 30; 19N; 69; 29E; h0km, mb3.8/12, mbtmp3.8/14, ML3.9/1, MS3.0/5, Error ellipse: s-rmaj=38.1km s-rmin=22.2km az=163.0
 ISC 04 10:14:30.6; 1.1; 30; 20N; 02; 69; 29E; 0.10; 110km, n25, n135/20, mb3.6/12, MS2.8/5, Pakistan

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
PYUN	Piuthan	12.16	97	eP	Pn	10 17 27.9 +3.7
DANN	Dangsing	12.77	95	eP	Pn	10 17 32.5 -0.1
AAK	Ala-Archa	13.08	17	Pn	Pn	10 17 37.4 +0.7
GUN	Gorkna	13.60	96	eP	Pn	10 17 43.5 -0.3
KGN	Gumba	14.69	95	eP	Pn	10 17 56.8 -2.1
JIRN	Jiri	15.02	96	eP	Pn	10 18 02.0 -1.3
RAMM	Ramite	15.55	98	eP	Pn	10 18 09.9 -0.4
MKAR	Makanchi Array	19.39	28	P	P	10 18 56.8 +0.2
KURB	Kurchatov Arra	21.53	16	P	P	10 19 19.0 -0.8
AKTO	Aktuybinsk	21.90	340	P	P	10 19 24.8 +0.9
BVAR	Borovoye Array	22.81	2	P	P	10 19 33.7 +0.3
ZALV	Zalesovo Beam	26.25	21	P	P	10 20 06.7 +0.9
BELG	Belogoroye	27.30	330	LR	LR	10 34 11.2
EIL	Elat	29.70	278	LR	LR	10 32 50.6
BRTR	Keskin Array B	30.55	298	P	P	10 20 45.4 +0.9
SONM	Songino Array	33.37	48	P	P	10 21 10.2 +1.1
OBN	Obninsk	34.08	326	LR	LR	10 38 22.0
AKASG	Malin Array Be	36.13	316	P	P	10 21 31.2 -1.5
FINES	FINES Array B	42.08	331	P	P	10 22 22.1 -0.3
ARCES	ARCES Array B	46.49	340	P	P	10 22 56.9 -0.7
HFS	Hagfors	47.29	326	LR	LR	10 47 54.2
KRSR	Korea Array	48.56	65	P	P	10 20 13.0 -1.2
NOA	NORSAR Array B	48.69	327	LR	LR	10 45 13.4
TORD	Torodi Arr. Bea	64.24	271	P	P	10 25 07.1 +0.8
YKA	Yellowknife Arr	87.56	2	P	P	10 27 17.7 -0.9

JMA 04 10:33:36.7; 0.1, 24; 4N; 0; 6; 121; 9E; 0.8, h40km3km, MV3.5/1, TAIWAN REGION
 NIED 04 10:33:36.7; 24; 39N; 121; 85E; h40km, MW3.9, Moment Tensor Solution, s2 Moment tensor: Scale: 10^14Nm; M1: 2.44; M2: 0.40; M3: 2.04; M4: 5.01; M5: 2.28; M6: 2.88; Fault plane solution: M0: 7.860000°/1014° NP1: 80.00000°, 570.00000°, λ: -39.00000°. NP2: 185.00000°, 854.00000°, λ: -155.00000°.
 TAP 04 10:33:37.2; 24; 45N; 121; 88E; h23km, ML4.0, B ASIES 04 10:33:37.3; 24; 45N; 121; 87E; h23km, MW3.7
 ISC 04 10:33:37.0; 0.8, 24; 44N; 0; 0; 121; 95E; 0.02, h17km2.6km, n152, o080/267, 21C-13D, Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	
EWUT	Wuta	0.16	271	iP	Pb	10 33 41.5 0.0	
EWUT			iS	Sg	10 33 44.5 +0.4		
TWC	Suao	0.19	331	iP	Pb	10 33 42.3 +0.2	
TWC			iS	Sg	10 33 45.5 +0.6		
ENA	Nantai	0.19	265	iP	Pb	10 33 45.1 -0.2	
ENA			iS	Sg	10 33 45.1 +0.2		
EHP	Heping Village	0.23	235	P	Pb	10 33 42.5 -0.4	
EHP			eS	Sg	10 33 46.2 +0.1		
EOS2	EOS2	0.26	95	iP	Pn	10 33 44.7 -1.2	
EOS2			iS	Sb	10 33 50.4 +3.2		
NDS	Dangshan	0.29	311	iP	Pb	10 33 43.5 -0.2	
NDS			eS	Sb	10 33 47.7 -0.5		
ILA	Ilan	0.37	330	iP	Pb	10 33 45.2 +0.1	
ILA			eS	Sb	10 33 50.9 +0.3		
TWE	Neicheng	0.38	317	iP	Pb	10 33 44.9 -0.4	
TWE			Sb	Sb	10 33 50.1 -0.8		
LATG	Datong	0.40	283	iP	Pg	10 33 45.0 -0.2	
LATG			S	Sg	10 33 50.3 -0.5		
EGS	Dangshan	0.40	358	iP	Pb	10 33 45.9 +0.2	
EGS			S	Sb	10 33 51.7 +0.2		
ENTT	Nioudou	0.40	299	iP	Pb	10 33 45.2 -0.5	
ENTT			S	Sg	10 33 50.6 -0.3		
ETL	Fushan Village	0.41	227	P	Pg	10 33 45.2 -0.2	
ETL			eS	Sb	10 33 51.7 -0.2		
NACS	Ninganchiao	0.42	231	P	Pg	10 33 45.3 -0.3	
NACS		0.42	231	iP	Pg	10 33 45.1 -0.5	
NACS			eS	Sb	10 33 51.7 -0.4		
NTC	Toucheng	0.42	345	iP	Pb	10 33 45.8 -0.2	
NTC			eS	Sb	10 33 51.7 -0.5		
FUSB	Fushanzhiwuyua	0.46	314	iP	Pb	10 33 46.3 -0.4	

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
FUSB				S	Sg	10 33 52.2 -0.3
EOSA	EOSA	0.46	134	iP	Pb	10 33 47.3 +0.8
EOSA				S	Sb	10 33 55.2 +2.2
TWD	Chiawan	0.49	222	iP	Pg	10 33 46.3 -0.5
TWD				eS	Sb	10 33 55.5 +1.5
ETLH	Xiulin Townshi	0.49	241	iP	Pg	10

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BVAR Borovoye Array, ZALV Zalesovo Beam, SONM Songino Array, etc.

NNC 04 12:33:45.0±0.2, 43°25N×78°14E, h2km±2km, mb3.5, mpv4.0, Error ellipse: s-maj=2.6km s-min=1.1km az=176.0

Main table for 2017 MAR, columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Lists numerous stations and their parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KTBS Karatobe, MTBS Matibute, DJR Jarkent, etc.

IDC 04 12:39:44.0±0.5, 16.74S×162.90E, h0km, mb3.9/3, mbtmp3.9/4, ML3.0/1, MS3.0/2, Error ellipse: s-maj=169.7km s-min=38.7km az=33.0, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like H1S2 WAKE ISLAND Hy 35.21, H1S3 WAKE ISLAND Hy 35.22, etc.

MAN 04 12:43:25.3, 10°44N-120°28E, h104km, mb4.2, ML3.0, MS2.7, Sulu Sea

FUNV 04 12:43:59.2, 10°38N-62°28W, h14km, MW3.4, TRN 04 12:44:05.0, 10°60N-61°85W, h9km, MD3.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TTP Pointe-a-Pierre, CRUV Carupano, TRN Trinidad (W), etc.

IDC 04 12:49:26.4±1.6, 9°22S-159°09E, h0km, mb3.4/3, mbtmp3.4/3, MS2.8/1, Error ellipse: s-maj=55.5km s-min=16.5km az=4.0, Bougainville-Solomon Islands region

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

TRN 04 12:53:03.6, 10°35N-62°36W, h3km, MD3.7, FUNV 04 12:53:05.7, 10°33N-62°26W, h5km, MW3.5

ISC 04 12:53:04.7±1.6, 10°34N-0°06.62'33W±0.03, h10km±12km, n17, r137/30, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TTP Pointe-a-Pierre, CRUV Carupano, TRN Trinidad (W), etc.

LDG 04 13:00:05.7±0.2, 36°58N-6°51E, h10km, M13.6/15, Error ellipse: s-maj=4.7km s-min=4.3km az=166.0

CRAAG 04 13:00:09.3, 36°55N-6°49E, M13.0, Algeria 06km SW, Urm-Toubou

IDC 04 13:00:10.0±1.9, 36°24N-6°40E, h0km, mb3.0/1, mbtmp3.3/4, ML3.7/3, Error ellipse: s-maj=31.8km s-min=31.0km az=23.0

ISC 04 13:00:05.8±0.8, 36°36N-0°04.6'46E±0.06, h10km, n30, r136/34, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CAEH 'Ain El Ouahch, DFRF Djebel Bou Aff, CASM Ain Smara, etc.

GERES GERESS Array B 13.09 22 Pn P 13 03 24.7 +2.5
ROSF Rostrenen 13.51 331 ePn Pn 13 03 18.5 +1.1
TORO Torodi Ar. Bea 24.00 191 P P 13 05 20.8 +0.1

IDC 04 13:04:14.9:1.2,36:50N:6:47E,h0km,mb3.1/4,
mtbpm3.4/8,ML3.7/4,M53.0/1,Error ellipse: s-maj=26.0km

CRAAG 04 13:04:16.0,36:58N:6:51E,M13.0,Algerie 13km SW
Oum-Toub

LDG 04 13:04:16.5:0.4,36:72N:6:28E,h10km,M13.6/15,Error
ellipse: s-maj=7.2km s-min=5.5km az=166.0

ISC 04 13:04:16.1:0.7,36:61N:0:05:6:49E:0:05,h9km,n42,
a=179/39,mb3.2/4,Northern Algeria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for stations like CKFL, CAEH, CASM, DFRA, CMAH, ABSA, SET, KEST, PGF, LMR, SBF, SMRF, MTLF, LASF, EPF, MBDF, ETSF, ORIF, VIVF, ESDC, SJPF, LPL, LFF, MDT, CABF, TCF, SMF, BGF, AVF, SSF, LOR, SFTF, CDF, MEZF, GERES, QUIF, GIVF, BAIF, AKASG, TORO, MKAR, YKA.

IDC 04 13:05:02.3:1.5,60:23N:152:58W,h83km:25km,mb3.5/5,
mtbpm3.7/10,Error ellipse: s-maj=27.8km s-min=9.3km
az=114.0

NEIC 04 13:05:03.3:1.1,60:15N:0:05:152:45W:0:09,
h116km,7km,Error ellipse: s-maj=7.0km s-min=6.4km
az=153.0

AEIC 04 13:05:05.2:1.2,60:18N:0:04:152:43W:0:08,
h102km:6km,ML3.3,ML3.6/122(NEIC),Error ellipse:
s-maj=6.6km s-min=6.0km az=158.0

ISC 04 13:05:04.0:0.7,60:16N:0:05:152:39W:0:04,
h113km:6km,n221,c073/230,mb3.8/5,Southern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for stations like O20K, RSO, ILSW, RDJH, HOM, OPT, P19K, P19K, P19K, BRLL, CAPN, CNPM, BRSE, O19K, O19K, SPU.

Table with columns: SPCR, SLKM, N19K, N19K, N19K, N19K, O22K, O22K, O19K, O19K, O19K, O19K, O18K, O18K, FIS, FIS, SEW, SEW, SUA, SUA, SUA, Q20K, RC01, RC01, P18K, P18K, M20K, M20K, SVW2, SVW2, SKT, SKT, SKT, M22K, M22K, M19K, M19K, O18K, O18K, PWL, PWL, PWL, PMR, PMR, PMR, PMR, KDKA, KDKA, KDKA, KDKA, KDKA, O17K, L20K, CUT, CUT, CUT, P23K, SML, SML, SML, O17K, P16K, P16K, O23K, O23K, Q23K, Q23K, M16K, CAST, CAST, R17K, TTA, TTA, K20K, K20K, EYAK, EYAK, DIV, KLU.

Table with columns: KLU, TRF, TRF, KTH, KTH, M24K, M24K, M24K, RND, RND, RND, R16K, MCK, MCK, BPW, BPW, N25K, N25K, N25K, HARP, HARP, PAX, PAX, GLB, GLB, VRDI, VRDI, VRDI, NEA2, NEA2, NEA2, MCARA, MCARA, MCARA, WRH, WRH, K24K, MLY, MLY, HDA, HDA, CCB, CCB, CCB, MENT, MENT, MENT, CHGN, CHGN, CHGN, KIAG, KIAG, BALM, BALM, I21K, I21K, I21K, GCSA, GCSA, GCSA, RIDG, RIDG, RIDG, RIDG, M26K, M26K, M26K, COLA, COLA, MDM, MDM, MDM, L26K, L26K, I23K, I23K, I23K, DOT, DOT, ILAR, ILAR, ILAR, BARN, BARN, BARN, POKR, POKR, POKR, SCRK, SCRK, SCRK, H21K, H21K, H21K, M27K, M27K, M27K, H22K, H22K, SAMH, SAMH, SAMH, H23K, H23K, H23K, BCAR, BCAR, BCAR, IMAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like J26L Joseph Creek, YUK3 Moose Creek, H24K Noodor Dome, etc.

ISC 04 13:08:16.8, 0.9, 9.24S; 159.13E, h0km, mb3.6/7, mbmp3.7/8, ML3.4/1, MS3.3/2, Error ellipse: s-maj=27.9km s-min=15.3km az=5.0

ISC 04 13:22:0.0, 0.8, 9.3S; 0.2, 159.12E, 0.09, h35km, n11, -0.67/10, mb3.5/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, PMG Port Moresby, CTA Charters Tower, etc.

ISC 04 13:10:44.5, 56.0, 15.82S; 173.63W, h0km, mb4.1/3, mbmp4.1/3, Error ellipse: s-maj=106.80km s-min=191.6km az=79.0, Tonga Islands

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

ISC 04 13:13:31.7, 39.36N; 25.99E, h8km, ML2.5/7, ATH 04 13:13:32.4, 39.34N; 25.98E, h13km, 1km, ML2.3/7, Error ellipse: s-maj=1.7km s-min=0.8km az=196.0

DDA 04 13:13:32.3, 0.0, 39.36N; 26.02E, h12km, 1km, ML2.4 THE 04 13:13:32.2, 39.37N; 25.98E, h2km, 2km, ML2.3/5, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GPNR Gulpinar-Canak, SGNR Sigrir, SGNR Sigrir, etc.

ISC 04 13:13:32.0, 0.8, 39.36N; 0.02, 25.98E, 0.02, h13km, 5km, n43, -0.64/17.8, Aegean Sea

ISC 04 13:14:32.5, 0.3, 24.1N; 0.8, 123.8E; 0.7, h25km, 1km, MV0.76, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KYMI Kymi, RDO Rodhopi, EREA Eretria, etc.

ISC 04 13:14:32.5, 0.3, 24.1N; 0.8, 123.8E; 0.7, h25km, 1km, MV0.76, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HATJ Hateruma Jima, HATU Iriomote-Funau, KAVA Kava, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKRS Kuro-shima, JKRS Ishigaki jima, JIJ Ishigakijimahi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ETL Fush Village, ETL baz=266, NACB Ninganchiao, etc.

CNRM 04 13:18:27.3, 36.69N; 6.89W, h25km, ml2.0 MDD 04 13:18:29.0, 0.6, 36.79N; 6.96W, h38km, 7km, mb, Lg2.8/11, Error ellipse: s-maj=5.8km s-min=3.0km az=7.0

SFS 04 13:18:29.9, 36.90N; 6.93W, h39km, ML2.7/13 IGL 04 13:18:30.5, 36.80N; 6.97W, h30km, ML2.2 INMG 04 13:18:30.6, 1.6, 36.80N; 6.95W, h45km, 10km, ML2.3

ISC 04 13:18:28.1, 2.36; 82N; 0.03; 6.92W, 0.03, h55km, 10km, n60, -0.134/111, 5C-4D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARNO Arenosillo, EGRO El Granado, EGRO El Granado, etc.

ISC 04 13:18:57.1, 0.5, 19.15S; 149.12E, 0.09, h13km, 1km, ECAB El Cabril, Error ellipse: s-maj=13.1km s-min=13.1km az=112.0

ISC 04 13:18:57.1, 0.5, 19.15S; 149.12E, 0.09, h13km, 1km, ECAB El Cabril, Error ellipse: s-maj=13.1km s-min=13.1km az=112.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ECAB El Cabril, EMJ Mijas, ENLJ Nicolau / Gran, etc.

ISC 04 13:19:07.6, 0.9, 19.15S; 149.12E, 0.09, h13km, 1km, ECAB El Cabril, Error ellipse: s-maj=13.1km s-min=13.1km az=112.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSBE So Bento, PSBE Quesada, EQUES EQUES, etc.

Table with columns: ALS, Alishan, ALS, KAU, Kaohsiung, WSL, Shulin Townsh, WSL, Pinlang, TWG, Pinlang, TWG, Tsauling, CHNS, Tsauling, CHNS, Beinan, TWGBT, Beinan, LONT, Longtianshan, LONT, Taimali, ECL, Taimali, ECL, Haiduan, EHD, Haiduan, EHD, Gukeng, WGK, Gukeng, WGK, Douliu, WDLH, Douliu, WDLH, Chishang, ECS, Chishang, ECS, Taitung, TTN, Taitung, TTN, Tuku, WTK, Tuku, WTK, Szu, WSF, Szu, WSF, Fangliu, SCZF, Fangliu, SCZF, Fuli, FULB, Fuli, FULB, Donghe, EDH, Donghe, EDH, Hsiailiuchiu, TWP, Hsiailiuchiu, TWP, Anshuo, EAST, Anshuo, EAST, Yuli, TWF1, Yuli, TWF1, Chengkung, CHK, Chengkung, CHK, Tawu, TAW, Tawu, TAW, Yu-li, YULB, Yu-li, YULB, Yuli, YULB, Yuli, EYUL, Zhushan, WJS, Zhushan, WJS, Dawu Township, TAWH, Dawu Township, TAWH, Matiao, WMLT, Matiao, WMLT, Suanglung, SSSLB, Suanglung, SSSLB, Mingjian, WNT, Mingjian, WNT, Tungji, WDG, Tungji, WDG, Ta-cheng, WTCT, Ta-cheng, WTCT, Hungye, EHY, Hungye, EHY, Guolierlin Hig, WRL, Guolierlin Hig, WRL, Nantou City, WNT1, Nantou City, WNT1, Changbin, ECBN, Changbin, ECBN, Sun Moon Lake, SMLT, Sun Moon Lake, SMLT, Wufeng, WWF, Wufeng, WWF, Peng-hu, PHUB, Peng-hu, PHUB

Table with columns: PHUB, WCHH, WCHH, Guangfu, EGFH, WPL, Puli Township, VCHM, Qimei, VCHM, Penghu, PNG, Penghu, PNG, Guoxing, DPDB, Guoxing, WCS, Beigang Elemen, WCS, Hengchun, HEN, Hengchun, HEN, Renai, OWD, Renai, OWD, Manzhou Townsh, SMST, Manzhou Townsh, SMST, Renai, WUSB, Renai, WUSB, Taichung, TCU, Taichung, TCU, Shilin, ESL, Shilin, ESL, Jichi Village, TEGC, Jichi Village, TEGC, Hengchun, TWK1, Hengchun, TWK1, Hengchun, TWKBT, Hengchun, TWKBT, Renai, CHGB, Renai, CHGB, Hengchuen, Pin, TSEB, Hengchuen, Pin, TSEB, Tongmen, ETM, Tongmen, ETM, Yanliu Villag, TEYL, Yanliu Villag, TEYL, Taichung City, WHP, Taichung City, WHP, Hehuan Shan, WHF, Hehuan Shan, WHF, Dajia District, WDJ, Dajia District, WDJ, Liyutan, TWQ1, Liyutan, TWQ1, Tech, TDCB, Tech, TDCB, Tachien, TWT, Tachien, TWT, Sanyi, NSY, Sanyi, NSY, Lan-yu, LAY, Lan-yu, LAY, Chiwan, TWD, Chiwan, TWD, Lan-yu, LYUB, Lan-yu, LYUB, Xiulin Townshi, ETLH, Xiulin Townshi, ETLH, Ninganchiao, NACB, Ninganchiao, NACB, Miaof, NMLH, Miaof, NMLH, Datong, NNSB, Datong, NNSB, Datong, NNSH, Datong, NNSH, Nan Shan, NNS, Nan Shan, NNS, Nanjuang, NSTT, Nanjuang, NSTT, Emei, LIQB, Emei, LIQB, Wufeng Townshi, NFF, Wufeng Townshi, NFF, Datong, LATG, Datong, LATG, Nanau, ENA, Nanau, ENA, Sangung, NSK, Sangung, NSK, Yeheng, YHNB, Yeheng, YHNB, Wuta, EWUT, Wuta, EWUT, Nioudou, ENTT, Nioudou, ENTT, Ulai, NWLT, Ulai, NWLT, EOSA, EOSA

Table with columns: EOS4, FUSHANZHIWUYUA, TWE, Netcheng, TWE, YVUC, YVUC, YVUC, Shuangxi, TIPB, Shuangxi, KNMB, Chin-men Tao, KNMB, Chin-men Tao, YONGUNIJIMAKU, YONGUNIJIMAKU, YONGUNIJIMAKU, YONGUNIJIMAKU, YONGUNIJIMAKU, YONGUNIJIMAKU, HATERUMAJIMA, HATERUMAJIMA, IRIF, Irionoto-Funau, IRIF, IRIF, JKRS, Kuro-shima, JKRS, JKRS, Ishigaki jima, JIJ, Ishigaki jima, JIJ, Ishigakijimahi, JISG, Ishigakijimahi, JISG, JISG

Table with columns: IDC 04 14:45:43.1±5.5, 2.61N-90.18E, h0km, mb3.6/3, mbtmp3.6/3, MS3.2/2, Error ellipse: s-maj=179.1km s-min=35.5km az=61.0, Off west coast of northern Sumatera

Table with columns: IDC 04 14:51:07.2±0.8, 61.30N-27.68W, h0km, mb3.7/16, mbtmp3.7/20, ML3.0/4, MS3.6/47, Error ellipse: s-maj=27.4km s-min=13.0km az=7.0

Table with columns: IDC 04 14:51:08.8±0.7, 61.4N-0.1-27.56W, 0.07, h10km, n54, 0.91N/24, mb3.8/15, MS3.6/41, Iceland region

2017 MAR

4d 17h

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSRS, SONM, H1N1, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JUI3, JTA, JZO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like KPKS Kokpek, KURS Kuram, DJR JarKent, BLB Baldybastay, KOTS Kotyrbulak, etc.

ICD 04 18:29:11.4 8, 40.54N-97.58E, h0km, mb4.2/1, mbtmp3.5/5, ML3.0/4, Error ellipse: s-maj=66.1km s-min=29.5km az=167.0, Gansu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like SONM Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

MAN 04 19:10:00.7, 9.78N-125.36E, h22km, mb3.6, ML2.3, MS1.8, 1C-2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like SCPH Surigao, MSLP Maasin, GLSP General Luna, etc.

ICD 04 19:16:51.0 2.1, 6.64S-153.82E, h62km, 21km, mb3.3/4, mbtmp3.7/6, Error ellipse: s-maj=24.1km s-min=15.9km az=65.0

ICD 04 19:16:50.4 1.0, 6.64S-150.103E, h0.1, h48km, n7, c118R, mb3.5/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like KRVT Keravat (AS076), HNR Honiara, PMG Port Moresby, etc.

RSNC 04 19:21:22.2 1.2, 5.26N-73.73W, h147km, 4km, ML3.1, MW3.6, 9C-3D, Fault plane solution: N1P1, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like SPBC San Pablo de B, CHIC Chingaza, ROSC El Rosal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like RUSC, VILC Villavicencio, NORC Norcasia, etc.

ICD 04 19:45:41.5 11.0, 7.36S-127.74E, h108km, 113km, mb3.2/2, mbtmp3.6/4, ML3.7/2, Error ellipse: s-maj=275.0km s-min=44.0km az=62.0

ICD 04 19:45:46.1 0.9, 7.55S-127.8E, h150km, n15, c154/15, mb3.7/3, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like MTN Mantion Dam, FAKI Fak Fak, KDU Kakadu, etc.

NEIC 04 20:03:45.2 1.8, 20.4S-0.1x178.5W, 0.1, h586km, 6km, mb4.9/12, Error ellipse: s-maj=16.1km s-min=13.2km az=151.0

MOS 04 20:03:45.7 0.8, 20.36S-178.54W, h607km, mb4.8/30, Error ellipse: s-maj=9.5km s-min=8.4km az=122.2

NOU 04 20:03:46.2, 20.41S-178.40W, h604km, mb4.8/88, Fiji Islands Region

ICD 04 20:03:46.9 0.8, 20.36S-178.53W, h608km, 9km, mb4.1/30, mbtmp5.1/33, Error ellipse: s-maj=9.5km s-min=8.2km az=161.0

GCMT 04 20:03:49.0 2.0, 20.02S-0.04x178.56W, 0.04, h617km, 3km, MW5.3/63, Moment Tensor Solution: s63, 37; Duration: 1s0 Moment tensor: Scale 10^17Nm; Mn=0.5e-03; M0=0.35e-07; M0=0.20e-06; M0=0.35e-06; M0=0.18e-05; M0=0.76e-06; Best double couple: M0=0.97500x10^17 NPT=31.00000; 675.00000; lambda=100.00000; NPT=244.00000; delta18.00000; lambda=58.00000; Principal axes: T 0.8940, P1625.0000; Azm112.0000; N 0.1620, P169.0000; Azm33.0000; P -1.0560, P169.0000; Azm287.0000; nsta1 refers to body waves, cutoff=40s. Triangular moment-rate function

ISC 04 20:03:45.7 0.4, 20.37S-0.05x178.42W, 0.04, h601km, 4km, h603km; pP-P, n918, c1528962, mb4.8/154, 59C-72D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like LKBA Tubou, Lakemba, TAVE Taveuni, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like PINNC Pines Island, QUENC Queen Island, DZM Mont Dzumak, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MOR Myrg, Hungar, MOA, ALN Alexandroupoli, etc.

DJA 04 20:09:12.6:0.6, 3"N,4"E, h163km,5km, M4.4/13, mb4.9/6, mb4.6/9, MLV4.5/13, Mw(m)4.2/6
IDC 04 20:09:13.1:4.1, 2.56N,128.45E, h170km,38km, mb3.9/21, mbmp4.3/21, Error ellipse: s-maj=22.1km s-min=9.5km az=81.0

NEIC 04 20:09:13.1: 1.1, 2.58N,0.07x128.33E,0.10, h167km,6km, mb4.4/2, Error ellipse: s-maj=15.5km s-min=8.8km az=65.0

ISC 04 20:09:12.8:0.4, 2.55N,0.04x128.32E,0.07, h167km, n109, r161/120, mb4.3/47, TC-1D, Halmahera

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like TMTI Ternate, SKMP Bagumbayan, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like WRA Warramunga Arr, WRO Warramunga Arr, etc.

SOMN 04 20:09:12.8:0.6, 3"N,4"E, h163km,5km, M4.4/13, mb4.9/6, mb4.6/9, MLV4.5/13, Mw(m)4.2/6

NEIC 04 20:09:13.1: 1.1, 2.58N,0.07x128.33E,0.10, h167km,6km, mb4.4/2, Error ellipse: s-maj=15.5km s-min=8.8km az=65.0

ISC 04 20:09:12.8:0.4, 2.55N,0.04x128.32E,0.07, h167km, n109, r161/120, mb4.3/47, TC-1D, Halmahera

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like TMTI Ternate, SKMP Bagumbayan, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ARU Arti, TTA Talatina, M19K Big River Lodg, etc.

IDC 04 20:11:48.7:0.7, 58.89Sx17.79W, h0km, mb4.3/8, mbmp4.3/8, MS4.2/36, Error ellipse: s-maj=29.3km s-min=20.9km az=34.0

NEIC 04 20:11:49.8: 1.8, 59.12S,0.09x17.7W,0.2, h10km,1km, mb5.0/38, Error ellipse: s-maj=17.6km s-min=15.1km az=255.0

GCMT 04 20:11:51.8: 0.2, 59.26S,0.10x17.42W,0.02, h17km,1km, MW5.1/120, Moment Tensor Solution, s42.648; s120.168; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=0.29t, 16; Mw=1.90t, 16; Mz=2.19t, 13; Ms=1.7t, 42; Mx=4.75t, 11; My=0.47t, 33; Best double couple: Ms=62500x10^16 Np1.257.00000, 882.00000, lambda-171.00000, lambda-2.171.00000, Principal axes: T 5.4360, Plg9.00000, Azm305.00000; N 0.3730, Plg67.00000, Azm56.00000; P -5.8130, Plg21.00000, Azm122.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 20:11:49.8: 0.5, 59.13S,0.09x17.7W,0.10, h10km, n125, r152/92, mb4.9/27, MS4.3/38, East of South Sandwich Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA2 Neumayer-Stat, etc.

MDJ		ScS	ScS	00 25 26.2	-3.2
MDJ	comp=Z,75nm,1.5s	pmax	pmax		
MDJ	comp=Z,810nm,4.6s	LR	LR		
MDJ	comp=Z,2um,18.3s	LR	LR		
MDJ	comp=Z,5um,17.9s	LR	LR		
MDJ	comp=Z,3um,18.9s	LR	LR		
MDJ	Mudanjiang	34.90	5 P	00 15 09.4	-0.4
MDJ	comp=Z,112nm,1.1s	IAMB	IAMB	00 15 24.5	
MDJ	Mudanjiang	34.90	5 P	00 15 10.7	+1.0
XLT	XiLinHaoTe	34.96	348 J/P	00 15 09.9	-0.5
XLT		pP	pP	00 15 16.8	-1.7
XLT		pP	pP	00 15 19.4	-2.4
XLT		pP	pP	00 16 32.6	+2.6
XLT		sS	sS	00 20 38.2	-2.4
XLT		sS	sS	00 20 57.1	+3.2
XLT	comp=Z,81nm,1.7s	pmax	pmax		
XLT	comp=Z,810nm,4.2s	LR	LR		
XLT	comp=Z,370nm,19.9s	LR	LR		
XLT	comp=Z,3um,15.8s	LR	LR		
XLT	comp=Z,5um,21.5s	LR	LR		
TEZP	TEZPUR	35.10	303 eP	00 15 11.3	-0.5
TEZP	comp=Z,685nm,1.3s	IAMB	IAMB	00 15 13.7	
SHL	Shilong	35.49	301 P	00 15 14.9	-0.5
SHL	Shilong	35.49	301 P	00 15 15.1	+0.3
SHL		IAMB	IAMB	00 15 17.4	
SHL	comp=Z,584nm,0.8s	pmax	pmax		
SHL	Shilong	35.49	301 P	00 15 14.9	-0.5
SHL	comp=Z,899nm,0.9s	pmax	pmax		
SHL	Shilong	35.49	301 P	00 15 15.7	+0.3
SHL	SNR=378	S	S	00 20 51.9	+2.5
ERM	Ermo	35.68	23 IAMS_20	00 28 24.7	
ERM	comp=Z,6um,22.0s	IAMS_20	IAMS_20		
TV1H	Townsville Har	35.71	144 P	00 15 17.7	+0.7
TV1H	comp=Z,127nm,1.2s	P	P		
BNX	BinXian	35.87	2 P	00 15 17.6	-0.5
BNX		pP	pP	00 15 29.0	-0.5
BNX		sP	sP	00 15 33.4	+7.2
BNX		sS	sS	00 20 52.4	-2.0
BNX		sS	sS	00 21 11.5	+3.9
BNX	comp=Z,39nm,1.1s	pmax	pmax		
BNX	comp=Z,570nm,7.6s	pmax	pmax		
BNX	comp=Z,3um,18.4s	LR	LR		
BNX	comp=Z,3um,16.8s	LR	LR		
BNX	comp=Z,3um,21.7s	LR	LR		
CTA	Charters Tower	36.06	145 P	00 15 20.2	+0.2
CTA	comp=Z,204nm,1.1s,baz=322,slow=9.5,SNR=43	P	P	00 15 20.2	+0.2
CTA	comp=Z,2.6nm,0.9s,baz=11,slow=18,SNR=1.0	S	S	00 20 56.5	-1.2
CTA	comp=Z,204nm,1.1s	S	S		
CTA	Charters Tower	36.06	145 P	00 15 20.1	+0.1
CTA	Charters Tower	36.06	145 P	00 15 19.3	-0.7
CTA	Charters Tower	36.06	145 P	00 15 20.2	+0.2
CTA	Charters Tower	36.06	145 P	00 15 19.3	-0.7
CTA	comp=Z,467nm,1.3s	pmax	pmax		
CTA	comp=Z,4um,22.0s	MLR	MLR		
TEY	Ternei	36.42	131 eP	00 15 23.3	+0.5
TEY	comp=Z,12nm,0.9s	eP	eP	00 20 57.7	
TEY	comp=E,10.0nm,0.9s	pmax	pmax		
TEY	comp=Z,60nm,0.9s	pmax	pmax		
TEY	comp=N,40nm,0.8s	pmax	pmax		
TEY	comp=Z,200nm,2.5s	pmax	pmax		
MEEK	Meekatharra	36.80	190 P	00 15 25.3	-1.0
MEEK	baz=37,SNR=40	P	P		
MEEK	Meekatharra	36.80	190 P	00 15 25.6	-0.7
ASAJ	Asahikawa	37.30	21 P	00 15 31.3	+0.9
ASAJ	comp=Z,40nm,0.6s,baz=228,slow=12,SNR=24	P	P		
ASAJ	Asahikawa	37.30	21 P	00 15 29.4	-1.0
ASAJ	comp=Z,296nm,1.5s	pmax	pmax		
JKA	Kamikawa-asahi	37.30	21 P	00 15 29.4	-1.0
JKA	comp=Z,296nm,1.5s	IAMB	IAMB	00 15 35.9	
GTA	Gaotai	37.34	326 J/P	00 15 30.7	-0.2
GTA	comp=Z,1um,1.5s	pP	pP	00 15 38.5	-0.3
GTA		sP	sP	00 17 08.9	+0.4
GTA		pPn	pPn	00 17 02.1	+5.1
GTA		sS	sS	00 21 18.1	+0.9
GTA		sS	sS	00 21 30.2	-0.1
GTA	comp=Z,45nm,1.7s	pmax	pmax		
GTA	comp=Z,440nm,4.8s	pmax	pmax		
GTA	comp=Z,10um,21.1s	LR	LR		
GTA	comp=Z,8um,21.9s	LR	LR		
GTA	comp=Z,8um,19.5s	LR	LR		
LSA	Lhasa	37.67	307 P	00 15 34.7	+0.5
LSA	comp=Z,3um,19.0s	IAMS_20	IAMS_20	00 33 07.6	
LSA	Lhasa	37.67	307 P	00 15 34.7	+0.5
LSA	comp=Z,774nm,1.5s	pmax	pmax		
LSA	comp=Z,3um,19.0s	MLR	MLR		
LSA	Lhasa	37.67	307 P	00 15 35.3	+1.0
GOMU	GeErlu	36.26	318 P	00 15 39.9	+0.8
GOMU	comp=Z,1um,1.5s	pP	pPn	00 17 08.9	+0.4
GOMU		S	S	00 21 26.2	-5.6
GOMU	comp=Z,39nm,1.3s	pmax	pmax		
GOMU	comp=Z,720nm,4.6s	pmax	pmax		
GOMU	comp=Z,2um,16.8s	LR	LR		
GOMU	comp=Z,6um,15.8s	LR	LR		
GOMU	comp=Z,7um,16.2s	LR	LR		
OAD	Oodnadatta	38.64	165 P	00 15 43.1	+1.3
GTK	Tadong	38.85	302 eP	00 15 45.6	+1.8
GTK	comp=Z,300nm,0.8s	IAMB	IAMB	00 15 47.1	
HNR	Honiara	39.28	118 LR	00 30 02.3	
TAPN	Taplelung	39.61	301 eP	00 15 49.5	-0.9
TAPN	comp=Z,1um,1.5s	P	P		
HIA	Hailar	39.65	354 IAMS_20	00 15 48.4	-1.7
HIA	Hailar	39.65	354 IAMS_20	00 32 17.6	
HIA	Hailar	39.65	354 P	00 15 50.0	-0.1
HIA	Hailar	39.65	354 P	00 15 48.4	-1.7
HIA	comp=Z,40nm,1.0s	pmax	pmax		
HIA	comp=Z,4um,20.0s	MLR	MLR		
MORW	Morawa	39.67	193 P	00 15 49.8	-0.7
MORW	baz=40,SNR=16	P	P		
MORW	Morawa	39.67	193 P	00 15 49.7	-0.8
MORW	Morawa	39.67	193 P	00 15 50.9	+0.5
MORW	Kul'dur	39.68	6 P	00 15 49.8	-1.4
KLR	comp=Z,19nm,0.5s,baz=179,slow=6.4,SNR=78	S	S	00 21 50.9	-0.1
KLR	comp=Z,1.0nm,0.7s,baz=309,slow=16,SNR=2.0	LR	LR	00 35 56.4	
KLR	comp=Z,2um,18.0s,baz=194,slow=42	LR	LR		
KLR	comp=Z,19nm,0.5s	pmax	pmax		
KLR	Kul'dur	39.68	6 d i P	00 15 49.9	-0.3

KLR	comp=Z,44nm,1.1s	MLR	MLR		
ODAM	Odare	39.73	300 eP	00 15 50.7	-0.6
ODAM	comp=Z,171nm,1.5s	P	P		
YSS	Yuzh-Sakhalins	39.86	19 P	00 15 50.5	-1.3
YSS	Yuzh-Sakhalins	39.86	19 P	00 15 52.4	+0.6
YSS	comp=Z,119nm,1.3s	eP	eP	00 15 52.2	+0.4
YSS	Yuzh-Sakhalins	39.86	19 eP	00 17 27.5	
YSS		eS	eS	00 21 56.7	+1.9
YSS	comp=Z,900nm,3.7s	pmax	pmax		
YSS	comp=Z,100nm,1.0s	pmax	pmax		
YSS	comp=N,900nm,8.5s	smax	smax		
YSS	comp=Z,1um,14.0s	MLR	MLR		
INKA	Innamiki	40.13	159 P	00 15 55.3	+1.1
BOK	Bokoro	40.21	295 eP	00 15 56.0	+0.9
BOK		IAMB	IAMB	00 16 05.9	
HEH	Heihe	40.38	2 eP	00 15 55.3	-0.8
HEH		pP	pP	00 16 09.1	+1.6
HEH		PP	PP	00 17 30.7	+1.4
HEH		S	S	00 22 00.8	-1.7
HEH	comp=Z,70nm,1.1s	pmax	pmax		
HEH	comp=Z,1um,4.5s	LR	LR		
HEH	comp=Z,3um,19.0s	LR	LR		
HEH	comp=Z,4um,17.4s	LR	LR		
HEH	comp=Z,4um,19.3s	LR	LR		
FORT	Forrest	40.40	177 P	00 15 56.5	+0.1
FORT	baz=23,SNR=40	P	P		
FORT	Forrest	40.40	177 P	00 15 55.6	-0.8
FORT	Forrest	40.40	177 P	00 15 57.7	+1.3
RAMM	Ramite	40.43	300 eP	00 15 57.2	+0.1
QLP	Quilpie	40.49	154 P	00 15 57.6	+0.4
MULG	Mulgathing	40.68	169 P	00 15 58.9	+0.2
JIRN	Jiri	40.99	301 eP	00 16 01.8	-0.1
ULN	Ulanbaatar	41.02	341 P	00 16 00.7	-0.9
ULN	comp=Z,1um,1.2s	IAMS_20	IAMS_20	00 35 24.1	
ULN	Ulanbaatar	41.02	341 IAMS_20	00 35 24.1	
ULN	comp=Z,5um,18.0s	P	P		
ULN	Ulanbaatar	41.02	341 P	00 16 00.7	-0.9
ULN	comp=Z,5um,18.0s	MLR	MLR		
ULN	Ulanbaatar	41.02	341 P	00 16 01.1	-0.5
ULN		P	P	00 16 01.1	-0.5
ULN		P	P	00 16 01.1	-0.5
ULN		S	S	00 22 12.6	+0.2
ULN		S	S	00 22 12.6	+0.2
ULN		S	S	00 22 12.6	+0.2
BLDU	Ballidu	41.03	192 P	00 16 00.4	-1.2
BLDU	baz=41,SNR=8.5	P	P		
BLDU	Ballidu	41.03	192 P	00 16 02.2	+0.6
KMBL	Kambalda	41.05	185 P	00 16 01.9	+0.1
KMBL	baz=54,SNR=54	P	P		
KMBL	Kambalda	41.05	185 P	00 16 01.6	-0.2
RK1H	Rockhampton Ha	41.07	144 P	00 16 02.4	+0.3
H11N1	WAKE ISLAND Hy	41.17	71 T	00 59 27.7	
H11N1	baz=265,slow=74,SNR=251	T	T		
H11N2	WAKE ISLAND Hy	41.18	71 T	00 59 25.3	
H11N2	baz=265,slow=74,SNR=24	T	T		
H11N3	WAKE ISLAND Hy	41.19	71 T	00 59 29.2	
H11N3	baz=265,slow=74,SNR=199	T	T		
SOMN	Songino Array	41.20	340 P	00 16 02.4	-0.7
SOMN	comp=Z,12nm,0.9s,baz=161,slow=7.9,SNR=76	LR	LR	00 35 49.2	
SOMN	comp=Z,6um,18.8s,baz=152,slow=40	LR	LR		
SOMN	comp=Z,12nm,0.9s	P	P		
SOMN	Songino Array	41.20	340 P	00 16 02.2	-0.9
SOMN	Songino Array	41.20	340 P	00 16 02.2	-0.9
SOMN	comp=Z,95nm,1.6s	pmax	pmax		
GUN	Gumba	41.33	301 eP	00 16 05.0	+0.3
UGL	Ulglegorsk	41.57	16 eP	00 16 06.6	+0.8
UGL		eS	eS	00 22 20.5	+0.4
UGL	comp=Z,190nm,0.9s	pmax	pmax		
UGL	comp=E,2um,8.0s	smax	smax		
UGL	comp=N,1um,12.0s	smax	smax		
UGL	comp=N,1um,18.0s	MLR	MLR		
UGL	comp=N,1um,18.0s	MLR	MLR		
VIS	Vishakhapatnam	41.60	286 eP	00 16 07.2	+0.6
PKI	Pulchoki	41.62	301 eP	00 16 06.8	-0.3
PKI	comp=Z,1um,1.4s	eP	eP	00 16 06.9	-0.2
KLBR	Kellerberrin	41.79	190 P	00 16 07.5	-0.4
KLBR	baz=42,SNR=21	P	P		
KLBR	Kellerberrin	41.79	190 P	00 16 08.4	+0.5
KKN	Kakan	41.80	301 eP	00 16 07.4	-1.0
GD1S	Gladstone Soft	41.81	143 P	00 16 09.0	+0.9
LCCR	Leigh Creek	41.83	163 P	00 16 10.0	+1.8
GRNR	Gornyy	41.86	10 J/P	00 16 08.9	+0.7
GRNR	comp=Z,150nm,1.7s	eS	eS	00 22 31.1	+6.6
GRNR	comp=E,6.0nm,0.9s	pmax	pmax		
GRNR	comp=N,10.0nm,1.0s	pmax	pmax		
GRNR	comp=Z,30nm,0.9s	pmax	pmax		
GRNR	comp=N,4.0nm,0.9s	smax	smax		
GRNR	comp=N,1um,18.0s	MLR	MLR		
GRNR	comp=N,1um,18.0s	MLR	MLR		
GRNR	comp=E,760nm,18.0s	MLR	MLR		
DMN	Daman	41.89	301 eP	00 16 08.9	-0.3
GKN	Gorkha	42.41	301 eP	00 16 12.7	-0.6
MUN	Mundaring	42.45	192 P	00 16 14.2	+1.0
MUN	baz=43,SNR=8.3	P	P		
MUN	Mundaring	42.45	192 P	00 16 14.4	+1.1
RMQ	Roma	42.57	148 P	00 16 14.5	+0.2
RMQ	baz=43,SNR=26	P	P		
RMQ	Roma	42.57	148 P	00 16 15.9	+1.6
EIDS	Eidsvold	42.94	145 P	00 16 16.6	-0.8
EIDS	baz=43,SNR=32	P	P		
EIDS	Eidsvold	42.94	145 P	00 16 16.3	-1.1
EIDS	comp=Z,169nm,1.1s	IAMB	IAMB	00 16 21.7	
EIDS	Eidsvold	42.94	145 P	00 1	

PET	comp=Z,587nm,1.3s	50.75	25	eP	P	00 17 19.0 +1.0
PET	Petropavlovsk			eS	S	00 24 34.0 +2.2
PET	comp=Z,202nm,1.3s			pmax	pmax	
DGZ	comp=Z,300nm,16.8s	50.77	329	i/P	P	00 17 18.0 -0.5
DGZ	Jazzator, Alta			pmax	pmax	
DGZ	comp=Z,34nm,1.5s			MLR	MLR	
ZSN	comp=Z,6um,18.0s	50.81	325	eP	P	00 17 17.8 -0.8
ZSN	Zaisan			eS	S	00 24 34.9 +1.9
ZSN	baz=325			eS	S	00 17 17.8 -0.8
ZSN	Zaisan	50.81	325	eP	P	00 24 34.9 +1.9
ZSN	comp=Z,2um,25.2s	51.16	129	P	P	00 17 22.1 +0.3
AUSMG	Snowy Mountain	50.86	156	P	P	00 17 20.9 +1.6
GEYS	Deakin Unvers	50.87	161	P	P	00 17 20.7 +1.6
NOUC	Port Laguerre	51.07	129	P	P	00 17 21.9 +1.0
LIFNC	LIFOU	51.08	127	P	P	00 17 20.6 -0.3
LIFNC	LIFOU	51.08	127	P	P	00 17 22.2 +1.2
DZM	Mont Dzumac	51.16	129	eP	P	00 17 21.7 0.0
DZM	comp=Z,268nm,1.1s			eS	S	00 24 38.3 -0.3
DZM	comp=Z,758nm,35.9s			eSS	SS	00 28 15.3 +0.9
DZM	comp=Z,943nm,29.1s			eLR	LR	00 32 00.5
DZM	comp=Z,4um,25.2s	51.16	129	P	P	00 17 22.1 +0.3
DZM	Mont Dzumac			LR	LR	00 37 09.5
DZM	comp=Z,62nm,0.8s,baz=263,slow=9.9,SNR=39					
DZM	comp=Z,732nm,21.9s,baz=339,slow=34					
DZM	comp=Z,62nm,0.8s					
DZM	Mont Dzumac	51.16	129	P	P	00 17 20.4 -1.3
DZM	comp=Z,96nm,0.9s			IAMB	IAMB	00 17 30.5
DZM	Mont Dzumac	51.16	129	P	P	00 17 22.8 +1.1
ONTNC	Ouen Toro	51.30	129	P	P	00 17 21.6 -1.0
ONTNC	comp=Z,210nm,1.4s			IAMB	IAMB	00 17 30.7
ONTNC	Ouen Toro	51.30	129	P	P	00 17 25.8 +3.1
YATNC	Mamie plateau,	51.50	128	P	P	00 17 27.7 +3.5
MILA	Mila	51.63	156	P	P	00 17 27.7 +2.8
OUENC	Ouen Island, N	51.66	129	P	P	00 17 24.6 -0.7
OUENC	OUENC			IAMB	IAMB	00 17 31.9
OUENC	comp=Z,186nm,1.3s					
OUENC	Ouen Island, N	51.66	129	P	P	00 17 26.9 +1.6
MK31	Makanchi Array	51.94	323	P	P	00 17 26.1 -0.9
MK31	Makanchi Array	51.94	323	P	P	00 17 26.2 -0.9
MK31	comp=Z,40nm,1.1s			pmax	pmax	
MKAR	Makanchi Array	51.94	323	P	P	00 17 27.2 +0.1
MKAR	comp=Z,15nm,0.6s,baz=123,slow=7.9,SNR=184			S	S	00 24 47.5 -1.0
MKAR	comp=Z,0.3nm,0.8s,baz=5.7,slow=4.9,SNR=1.0					
MKAR	comp=Z,0.4nm,0.8s,baz=39,slow=0.9,SNR=3.4			P/P'df	P/P'df	00 48 05.2 +0.5
MKAR	comp=Z,0.1nm,0.5s,baz=113,slow=28,SNR=3.1					
MKAR	comp=Z,15nm,0.6s					
MKAR	Makanchi Array	51.94	323	P	P	00 17 26.2 -0.9
SHLS	Shalkode	51.97	318	eP	P	00 17 25.1 -2.5
SHLS	Shalkode	51.97	318	eP	P	00 17 25.0 -2.5
SHLS	comp=Z,66nm,1.7s			pmax	pmax	
MAKZ	Makanchi	52.13	323	P	P	00 17 27.7 -0.8
MAKZ	comp=Z,92nm,1.3s			IAMB	IAMB	00 17 53.2
MAKZ	comp=Z,2nm,1.3s			IAMS_20	IAMS_20	00 38 17.8
MAKZ	comp=Z,4um,22.0s					
MAKZ	Makanchi	52.13	323	P	P	00 17 27.7 -0.8
MAKZ	comp=Z,93nm,1.3s			pmax	pmax	
PINNC	Pines Island,	52.23	129	P	P	00 17 29.4 -0.1
PINNC	Pines Island,	52.23	129	P	P	00 17 30.7 +1.1
YAK	Yakutsk	52.25	3	P	P	00 17 28.9 -0.1
YAK	comp=Z,18nm,0.5s,baz=182,slow=4.7,SNR=14			LR	LR	00 40 47.6
YAK	comp=Z,2um,20.0s,baz=184,slow=37					
YAK	comp=Z,18nm,0.5s					
YAK	Yakutsk	52.25	3	P	P	00 17 28.2 -0.9
YAK	comp=Z,116nm,1.0s			IAMB	IAMB	00 17 32.9
YAK	comp=Z,2um,18.0s			IAMS_20	IAMS_20	00 43 24.2
YAK	Yakutsk	52.25	3	P	P	00 17 29.0 -0.1
YAK	comp=Z,2um,18.0s			ePP	ePP	00 17 38.5 -1.2
YAK	comp=Z,2um,18.0s			eS	eS	00 18 42.3
YAK	comp=Z,2um,18.0s			eS	eS	00 24 51.8 -0.4
YAK	comp=Z,2um,18.0s			eSS	eSS	00 27 15.8
YAK	comp=Z,2um,18.0s			pmax	pmax	00 28 33.0 +3.1
YAK	comp=Z,88nm,0.9s			pmax	pmax	
YAK	comp=N,21nm,1.0s			pmax	pmax	
YAK	comp=E,7.0nm,0.9s			pmax	pmax	
YAK	comp=N,189nm,3.0s			smax	smax	
YAK	comp=E,168nm,2.8s			smax	smax	
UZB	Uzymbulak	52.25	318	eP	P	00 17 29.2 -0.5
UZB	comp=E,28nm,0.9s,baz=318					
UZB	Uzymbulak	52.25	318	eP	P	00 17 29.2 -0.5
UZB	comp=Z,28nm,0.9s			pmax	pmax	
TARG	Taragay, Kyrgy	52.49	316	P	P	00 17 31.2 -0.6
TARG	comp=Z,161nm,1.7s			IAMB	IAMB	00 17 45.7
TARG	Taragay, Kyrgy	52.49	316	P	P	00 17 31.2 -0.6
TARG	comp=Z,161nm,1.7s			pmax	pmax	
KPKS	Kokpek	52.61	318	eP	P	00 17 31.6 -0.7
KPKS	comp=Z,77nm,2.1s,baz=318					
KPKS	Kokpek	52.61	318	eP	P	00 17 31.6 -0.7
KPKS	comp=Z,77nm,2.1s			pmax	pmax	
SATY	Saty	52.62	318	eP	P	00 17 31.8 -0.7
SATY	comp=Z,81nm,1.9s,baz=318					
SATY	Saty	52.62	318	eP	P	00 17 31.7 -0.7
SATY	comp=Z,81nm,1.9s			pmax	pmax	
ZHN	Zhinisheke	52.65	318	eP	P	00 17 32.0 -0.6
ZHN	comp=Z,54nm,1.9s,baz=318					
ZHN	Zhinisheke	52.65	318	eP	P	00 17 32.0 -0.6
ZHN	comp=Z,54nm,1.9s			pmax	pmax	
KSH	Kashi	52.97	313	P	P	00 17 36.5 +1.5
KSH	comp=Z,98nm,1.5s			pP	pP	00 17 48.1 +1.9
KSH	comp=Z,98nm,1.5s			sP	sP	00 17 51.9 +8.5
KSH	comp=Z,98nm,1.5s			PP	PP	00 19 39.8 +5.0
KSH	comp=Z,98nm,1.5s			S	S	00 25 08.5 +5.4
KSH	comp=Z,98nm,1.5s			pmax	pmax	
KSH	comp=Z,500nm,4.0s			pmax	pmax	
KSH	comp=Z,4um,21.8s			LR	LR	
KSH	comp=Z,5um,21.2s			LR	LR	
KSH	comp=Z,4um,22.4s			LR	LR	
MA2	Magadan	53.22	16	P	P	00 17 36.4 0.0
MA2	comp=Z,16nm,0.7s,baz=236,slow=3.5,SNR=8.4			PcP	PcP	00 18 47.1 +3.1
MA2	comp=Z,26nm,0.9s,baz=164,slow=6.4,SNR=3.8			PcP	PcP	00 18 47.1 +3.1
MA2	Magadan	53.22	16	P	P	00 17 36.1 -0.2
MA2	comp=Z,16nm,0.7s			IAMB	IAMB	00 17 52.6
MA2	comp=Z,149nm,1.7s			IAMS_20	IAMS_20	00 43 26.7
MA2	comp=Z,3um,20.0s					
MA2	Magadan	53.22	16	P	P	00 17 37.9 +1.5
MA2	Magadan	53.22	16	P	P	00 17 37.1 +0.7
MA2	comp=Z,125nm,2.0s			pmax	pmax	
MA2	comp=Z,2um,20.0s			MLR	MLR	
NIL	Nilore	53.35	305	P	P	00 17 37.5 -0.3
NIL	Nilore	53.35	305	P	P	00 17 37.5 -0.3
NIL	comp=Z,664nm,1.3s			pmax	pmax	

NIL	Nilore	53.35	305	P	P	00 17 37.9 +0.1
NIL	Nilore	53.35	305	P	P	00 17 37.9 +0.1
NIL	Nilore	53.35	305	P	P	00 17 37.6 -0.8
TDK	Taldyqorghan	53.46	320	eP	LR	00 40 37.6
TDK	comp=Z,66nm,1.4s,baz=320			LR	LR	
TDK	Taldyqorghan	53.46	320	eP	P	00 17 37.6 -0.8
TDK	comp=Z,3um,17.0s,baz=320			pmax	pmax	
TDK	Taldyqorghan	53.46	320	eP	P	00 17 37.6 -0.8
TDK	comp=Z,66nm,1.4s			MLR	MLR	
ARXS	Arharly	53.49	319	eP	P	00 17 37.8 -1.0
MDOX	Medeo	53.58	317	eP	P	00 17 38.6 -0.9
MDOX	baz=317			eS	S	00 25 12.7 +1.4
MDOX	Medeo	53.58	317	eP	P	00 17 38.6 -0.9
MDOX	comp=Z,2um,18.9s,baz=317			LR	LR	00 40 19.5
MDOX	Medeo	53.58	317	eP	P	00 17 38.6 -0.9
MDOX	comp=Z,2um,18.9s,baz=317			S	S	00 25 12.6 +1.4
MDOX	Medeo	53.58	317	eP	P	00 17 38.6 -0.9
MDOX	comp=Z,2um,18.9s,baz=317			MLR	MLR	
TNS5	Tian-Shan	53.59	317	eP	P	00 17 40.0 +0.1
TNS5	baz=318					
TNS5	Tian-Shan	53.59	317	eP	P	00 17 40.0 +0.1
TNS5	Alma-Ata	53.68	317	eP	P	00 17 40.0 -0.2
TNS5	comp=Z,94nm,1.4s,baz=317					
AAA	Alma-Ata	53.68	317	eP	P	00 17 39.9 -0.2
AAA	Alma-Ata	53.68	317	eP	P	00 17 39.9 -0.2
AAA	comp=Z,94nm,1.4s			pmax	pmax	
ULHL	Ulahol	53.76	316	P	P	00 17 41.3 +0.3
ULHL	SNR=32					
CHKK	Chushakly	53.89	318	eP	P	00 17 40.3 -1.3
CHKK	baz=318					
CHKK	Chushakly	53.89	318	eP	P	00 17 40.3 -1.3
CHKK	Kurty	54.34	318	eP	P	00 17 44.1 -0.8
KUU	baz=318			eS	S	00 25 22.1 +0.8
KUU	comp=Z,1um,15.2s,baz=318			LR	LR	00 42 52.9
KUU	Kurty	54.34	318	eP	P	00 17 44.1 -0.8
KUU	comp=Z,1um,15.2s,baz=318			eS	S	00 25 22.9 +1.6
KUU	Kurty	54.34	318	eP	P	00 17 44.1 -0.8
KUU	comp=Z,1um,15.2s,baz=318			MLR	MLR	
TKM2	Tokmak 2	54.46	316	P	P	00 17 46.0 0.0
TKM2	SNR=40					
AULHS	Litydale High	54.59	160	P	P	00 17 48.3 +1.7
ZAAO	Zalesovo Beam	54.67	332	P	P	00 17 45.3 -1.8
ZALV	Zalesovo Beam	54.67	332	P	P	00 17 45.8 -1.3
ZALV	comp=Z,16nm,0.8s,baz=119,slow=6.7,SNR=59			LR	LR	00 42 41.1
ZALV	comp=Z,3um,18.3s,baz=128,slow=38					
ZALV	comp=Z,16nm,0.8s,baz=119,slow=6.7,SNR=59			P/P'df	P/P'df	00 48 08.5 +8.1
ZALV	comp=Z,0.1nm,0.3s,baz=186,slow=2.7,SNR=4.0					
ZALV	comp=Z,16nm,0.8s					
ZALV	Zalesovo Beam	54.67	332	P	P	00 17 45.3 -1.8
CORO	Coronation Par	54.75	160	P	P	00 17 48.9 +1.2
KBK	Karagaybulak	54.81	316	P	P	00 17 48.6 +0.2
KBK	SNR=60					
BHUJ	Bhuj	54.85	292	eP	P	00 17 49.5 +0.7
UCH	Uchtor	54.95	315	P	P	00 17 50.0 +0.1
UCH	SNR=129					
SEM	Semipalatinsk	54.97	326	eP	LR	00 17 47.9 -1.7
SEM	comp=Z,55nm,2.0s,baz=326			LR	LR	00 43 31.0
SEM	Semipalatinsk	54.97	326	eP	P	00 17 47.8 -1.7
SEM	comp=Z,55nm,2.0s			pmax	pmax	
CHMS	Chumysh	55.07	316	P	P	00 17 50.5 +0.3
CHMS	SNR=48					
AAK	Ala-Archa	55.11	316	P	P	00 17 50.7 0.0
AAK	SNR=33					
AAK	Ala-Archa	55.11	316	P	P	00 17 50.9 +0.3
AAK	comp=Z,13nm,1.1s,baz=106,slow=7.4,SNR=48			S	S	00 25 32.7 +0.7
AAK	Ala-Archa	55.11	316	P	P	00 17 50.9 +0.3
AAK	comp=Z,13nm,1.1s,baz=106,slow=7.4,SNR=48			LR	LR	00 43 41.3
AAK	Ala-Archa	55.11	316	P	P	00 17 50.2 -0.5
AAK	comp=Z,13nm,1.1s			IAMB	IAMB	00 17 56.1
AAK	Ala-Archa	55.11	316	P	P	00 17 50.5 -0.2
AAK	comp=Z,204nm,1.8s			i/P	i/P	00 17 50.8 +0.1
AAK	Ala-Archa	55.				

ARQ	SNR=12	66.91 291	P	P	00 19 10.4 -0.6
ARQ	SNR=13		S	S	00 19 10.4 -0.6
ARQ	SNR=13		S	S	00 28 03.4 +0.6
ARQ			S	S	00 28 03.4 +0.6
RAO	Raoul Island	66.93 128	LR	LR	00 44 07.4
MRNZ	Matariki Terra	66.94 143	P	P	00 19 09.9 -0.8
BANOM	Banah	67.09 294	P	P	00 19 12.2 0.0
MDH	Madha	67.10 293	P	P	00 19 10.5 -1.6
UOSS	Minazif	67.18 293	P	P	00 19 11.2 -1.5
UOSS	comp=Z,35nm,0.9s		Iamb	Iamb	00 19 27.2
UOSS	Minazif	67.18 293	P	P	00 19 11.6 -1.1
MASF	Masafi	67.22 293	P	P	00 19 13.9 +0.9
MASF	SNR=7.1		P	P	00 19 13.9 +0.9
MASF	SNR=7.1		S	S	00 28 06.5 0.0
MASF			S	S	00 28 06.5 0.0
MSFE	Esmā-Masafi	67.22 293	P	P	00 19 12.1 -0.8
SHMS	Shamm	67.24 294	P	P	00 19 12.5 -0.4
HATD	Hatta, Dubai	67.25 293	i/P	P	00 19 11.9 -1.2
HATD	Hatta, Dubai	67.25 293	P	P	00 19 12.8 -0.3
HATD	SNR=11		S	S	00 19 12.8 -0.3
HATD			S	S	00 28 06.7 -0.1
THZ	Tophouse	67.25 143	P	P	00 19 12.8 0.0
ASHO	Ashiyah	67.32 293	i/P	P	00 19 12.5 -1.0
ASHO	Ashiyah	67.32 293	P	P	00 19 13.3 -0.3
ASHO	SNR=12		P	P	00 19 13.3 -0.3
ASHO			S	S	00 28 09.9 +2.2
ASHO			S	S	00 28 09.9 +2.2
NNVZ	North Ngauruho	67.35 140	P	P	00 19 16.3 +2.8
LBZ	Lake Benmore	67.39 147	P	P	00 19 13.2 -0.3
TMWZ	Te Mairi	67.40 140	P	P	00 19 18.1 +4.3
RPZ	Rata Peaks	67.43 146	LR	LR	00 46 17.7
RPZ	comp=Z,2um,21.9s,baz=294,slow=34		LR	LR	
WNVZ	Wahianoa	67.45 140	P	P	00 19 18.1 +3.9
ALNE	Al Ain	67.61 292	i/P	P	00 19 14.2 -1.2
ALNE	SNR=24		P	P	00 19 15.2 -0.2
ALNE	Al Ain	67.61 292	P	P	00 19 15.2 -0.2
ALNE	SNR=13		S	S	00 28 10.6 -0.5
ALNE			S	S	00 28 10.6 -0.5
NIKH	Nikolski High	67.68 37	P	P	00 19 14.5 -0.8
FAQ	Al Faqa, Dubai	67.74 293	i/P	P	00 19 16.0 -0.2
URZ	Urewera	67.83 138	LR	LR	00 45 50.8
URZ	Urewera	67.83 138	P	P	00 19 19.5 +3.1
BHZ	Black Hill Sta	67.84 140	P	P	00 19 18.8 +2.3
PKZ	Black Stump Fm	67.93 139	P	P	00 19 17.0 +0.1
BKZ	Black Stump Fm	67.93 139	P	P	00 19 18.0 +0.9
BKZ	Black Stump Fm	67.93 139	P	P	00 19 17.8 +0.6
RTZ	Ruatuhuna	67.94 139	P	P	00 19 18.5 +1.3
SHAO	Shalom	67.96 286	P	P	00 19 18.1 +0.4
SHAO			P	P	00 19 18.1 +0.4
SHAO			P	P	00 28 18.0 +2.5
SHAO			P	P	00 28 18.0 +2.5
SHAO			P	P	00 28 18.0 +2.5
MTHZ	Maungtaniwha	67.98 139	P	P	00 19 18.1 +0.7
SPIA	Saint Paul Isl	68.02 32	P	P	00 19 16.6 -0.6
KHZ	Kahutara	68.02 144	P	P	00 19 17.9 +0.4
SNZO	South Karori	68.05 142	IAMS_20	IAMS_20	00 45 26.2
SNZO	comp=Z,2um,22.0s		P	P	00 19 19.6 +1.9
SNZO	South Karori	68.05 142	P	P	00 19 20.2 +2.0
NMHZ	Naumai	68.10 139	P	P	00 19 20.1 +1.5
RAHZ	Arahi	68.18 139	P	P	00 19 17.5 -1.0
AKTO	Aktyubinsk	68.19 320	P	P	00 19 17.5 -1.0
AKTO	comp=Z,11nm,0.7s,baz=95,slow=5.7,SNR=41		P	P	
SVE	Sverdlovsk	68.19 328	i/P	P	00 19 17.8 -0.6
SVE			S	S	00 28 18.8 +1.9
SVE			S	S	00 28 18.8 +1.9
SVE	comp=Z,133nm,1.8s		MLR	MLR	
SVE			MLR	MLR	
MCHZ	McNeill Hill	68.22 139	P	P	00 19 21.9 +3.1
MXZ	Matakaoa Point	68.25 137	P	P	00 19 20.2 +1.2
BFZ	Birch Farm	68.64 141	P	P	00 19 23.9 +2.5
ARU	Arti	69.19 327	P	P	00 19 23.3 -1.3
ARU	comp=Z,19nm,0.5s,baz=129,slow=2.9,SNR=46		LR	LR	00 52 04.8
ARU	Arti	69.19 327	P	P	00 19 23.0 -1.7
ARU	comp=Z,36nm,0.8s		Iamb	Iamb	00 19 30.5
ARU	Arti	69.19 327	i/P	P	00 19 22.8 -1.9
ARU			S	S	00 19 47.0 +0.1
ARU			S	S	00 21 52.5
ARU			S	S	00 28 30.3 +1.5
ARU			SS	SS	00 29 14.7
ARU			SS	SS	00 32 59.0 +3.7
ARU	comp=Z,43nm,0.8s		MLR	MLR	
UNV	Unalaska Valle	69.25 36	P	P	00 19 24.6 -0.4
UNV	comp=Z,3um,17.0s		Iamb	Iamb	00 19 30.1
UNV	Unalaska Valle	69.25 36	P	P	00 19 25.3 +0.3
DOK	Doka	69.34 286	P	P	00 19 26.1 -0.2
DOK	SNR=31		P	P	00 19 26.1 -0.2
DOK	SNR=31		S	S	00 19 26.1 -0.2
DOK			S	S	00 28 32.7 +0.9
DOK			S	S	00 28 32.7 +0.9
DOK			S	S	00 28 32.7 +0.9
MZR	Muzera	69.72 291	i/P	P	00 19 27.3 -1.3
MZR	SNR=14		P	P	00 19 28.6 0.0
MZR	SNR=13		P	P	00 19 28.6 0.0
MZR			S	S	00 28 36.7 +0.5
MZR			S	S	00 28 36.7 +0.5
WHFO	Wadi Hawf	69.73 286	P	P	00 19 28.2 -0.5
WHFO	SNR=12		P	P	00 19 28.2 -0.5
WHFO	SNR=12		S	S	00 28 37.9 +1.4
WHFO			S	S	00 28 37.9 +1.4
ABTO	Aybut	70.22 285	P	P	00 19 31.9 +0.1
ABTO	SNR=41		P	P	00 19 31.9 +0.1
ABTO			S	S	00 28 44.7 +2.4
ABTO			S	S	00 28 44.7 +2.4
GHWR	Ruwais	70.24 292	P	P	00 19 31.5 -0.2
GHWR			P	P	00 28 40.9 -1.3
GHWR			S	S	00 28 40.9 -1.3
FALS	False Pass	71.22 35	P	P	00 19 39.2 +2.1
FALS	False Pass	71.22 35	P	P	00 19 37.1 0.0
TNA	Tin City	71.57 24	P	P	00 19 39.0 0.0
TNA	SNR=252		P	P	00 19 39.6 +0.6
SHMA	Al-Shehemyia	71.90 294	P	P	00 19 41.6 -0.2
SHMA			S	S	00 29 02.7 +1.3
SMRA	Abu-Samra	72.08 293	P	P	00 19 42.9 +0.1
SMRA			S	S	00 29 04.7 +1.3
S12K	Black Hills	72.12 35	P	P	00 19 43.0 +0.4
SAKB	Bahrain	72.28 294	P	P	00 19 44.0 -0.1
SAKB			S	S	00 29 06.9 +1.1
ANM	Nome	72.33 25	P	P	00 19 44.8 +1.2
SDPT	Sand Point	72.96 35	P	P	00 19 47.3 -0.2
SDPT	comp=Z,67nm,0.8s		Iamb	Iamb	00 19 56.9
SDPT	Sand Point	72.96 35	P	P	00 19 48.5 +1.0
SDPT	Sand Point	72.96 35	P	P	00 19 47.5 0.0
LKRN	Lenkeran, Azer	73.57 307	P	P	00 19 50.7 -0.8
RDOG	Red Dog Mine	74.15 22	P	P	00 19 54.4 +0.1
RDOG	comp=Z,113nm,1.5s		Iamb	Iamb	00 20 17.9
RDOG	Red Dog Mine	74.15 22	P	P	00 19 55.2 +0.9
CHGN	Chignik	74.23 34	P	P	00 19 55.0 0.0
CHGN	comp=Z,256,SNR=9.8		P	P	
AKT	Akhty	74.41 310	eP	P	00 19 55.1 -1.4
AKT			e	e	00 20 09.5
AKT			e	e	00 22 40.6
AKT	comp=Z,36nm,1.0s		pmax	pmax	
KIRV	Kirov	74.44 328	P	P	00 19 55.2 -0.8
KIRV	comp=Z,61nm,0.8s,baz=97,slow=4.5,SNR=45		LR	LR	00 55 38.7
KIRV	comp=Z,5um,18.2s,baz=97,slow=38		LR	LR	
KIRV	comp=Z,61nm,0.8s		LR	LR	
KIRV	Kirov	74.44 328	i/P	P	00 19 54.3 -1.8
N16K	Nishlik Lake	74.54 30	P	P	00 19 58.3 +1.5
MAK	Makhachkala	74.59 312	eP	P	00 19 53.0 -4.3
MAK			eS	S	00 29 26.9 -4.5
MAK			eSS	SSS	00 37 35.3
MAK	comp=Z,572nm,1.8s		pmax	pmax	
P16K	Nushagak River	74.76 31	P	P	00 19 59.2 +1.2
O16K	Kokovok River B	74.77 31	P	P	00 19 59.9 +1.0
SEKA	Sheki	74.81 310	P	P	00 19 57.4 -1.3
R16K	Pilot Point	74.82 33	P	P	00 19 59.2 +0.8
MNGR	Mingechevir, A	74.89 310	P	P	00 19 58.3 -0.8
BELG	Belogomye	74.89 322	P	P	00 19 57.7 -1.1
BELG	comp=Z,130nm,0.9s,baz=308,slow=6.6,SNR=49		LR	LR	00 55 04.8
BELG	comp=Z,1um,18.7s,baz=94,slow=38		LR	LR	
BELG	comp=Z,130nm,0.9s		LR	LR	
BELG	Belogomye	74.89 322	i/P	P	00 19 57.2 -1.6
BELG			pmax	pmax	
BELG	comp=Z,40nm,1.0s		MLR	MLR	
BELG	comp=Z,171nm,15.0s		MLR	MLR	
ZKTA	Zakatala	75.24 310	P	P	00 20 00.3 -0.9
O17K	Kiganebris	75.29 31	P	P	00 20 02.1 +1.1
Q16K	King Salmon	75.41 32	P	P	00 20 01.6 -0.2
R17K	Ugashik Creek	75.46 33	P	P	00 20 02.2 +0.1
GANJ	Ganja	75.47 309	P	P	00 20 01.6 -0.9
P17K	Kivchak River	75.57 31	P	P	00 20 03.3 +0.6
Q17K	Contact Creek	75.78 32	P	P	00 20 03.9 -0.1
GROC	Groznyy	75.85 312	eP	P	00 20 03.9 -0.7
GROC			e	e	00 20 16.2
GROC			e	e	00 22 56.4
GROC	comp=Z,1um,1.4s		pmax	pmax	
NAX	Nakhchivan	76.13 308	P	P	00 20 05.4 -1.0
TTA	Tatalina	76.13 28	P	P	00 20 07.1 +1.2
TTA	Tatalina	76.13 28	P	P	00 20 05.8 -0.1
SVWZ	Sparrevohn	76.17 29	P	P	00 20 07.4 +1.3
P18K	Big Mountain,	76.20 31	P	P	00 20 06.1 -0.3
P18K	comp=Z,67nm,1.6s		Iamb	Iamb	00 20 17.5
P18K	Big Mountain,	76.20 31	P	P	00 20 06.4 +0.1
O18K	Koktuk Hills	76.25 31	P	P	00 20 07.8 +1.3
O18K	comp=Z,266,SNR=9.8		P	P	
O18K	Katmai Hardscr	76.27 32	P	P	00 20 07.5 +0.7
L19K	White Mountain	76.60 28	P	P	00 20 09.1 +0.6
CASY	Casey	76.64 186	P	P	00 20 08.8 +0.3
CASY	comp=Z,74nm,1.0s		Iamb	Iamb	00 20 15.7
N19K	Bonanza Creek	76.68 30	P	P	00 20 10.1 +1.1
N19K	comp=Z,256,SNR=9.8		P	P	
GNI	Garni	76.69 309	P	P	00 20 10.2 +0.5
GNI	comp=Z,126nm,1.2s,baz=170,slow=1.4,SNR=47		LR	LR	00 56 16.0
GNI	comp=Z,735nm,21.4s,baz=78,slow=38		LR	LR	
GNI	comp=Z,126nm,1.2s				

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CLL, ARSA, CKRC, GEC2, GERS, MOA, NEUB, WERN, PLN, SCO, UNIV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CBKS, MNX, TXAR, TOR, TORD, JCT, etc.

TAP 05:00:08:46.0,24:45N:121:36E, h20km, 1km, ML1.9, D.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EWUT, ENA, TWC, LATG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ENT, NACB, FUSB, etc.

SOME 05:00:11:10.3,42:17N:75:10E, h10km
KNET 05:00:11:10.3,42:17N:75:10E, h10km, ml1.2, Error
ellipse: s-maj=5.6km s-min=2.3km az=18.0
NNC 05:00:11:10.3,42:17N:75:06E, h0km, mb3.0, mpv2.5,
Error ellipse: s-maj=16.0km s-min=5.1km az=155.0
ISC 05:00:11:10.3,42:20N:0:05:75:12E,0:02,h4km,12km,
n29,e073/54,10C-6D,Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like UCH, KBK, AAK, etc.

HEL 05:00:17:03.0,0.4,67:87N:20:06E, h0km, ML1.0, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LANU, KIF, etc.

Table with columns: KIF, comp=Z, 1.4nm, 0.2s, MSG, 00 17 39.8, SN, S, P, N, etc.

UPP 05:00:18:01.4.0.2, 67.32N, 20.30E, h0km, ML1.6, Suspected explosion, Sweden

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

MOS 05:00:57.32.9.2.1, 42.49N, 143.23E, h78km, mb4.3/1, Error ellipse: s-maj=24.2km s-min=11.0km az=61.3

SKHL 05:00:57.33.0.3.0, 42.50N, 143.30E, h76km, mb4.3/1, JMA 05:00:57.34.2.0.1, 42.51N, 143.30E, h75km, mb4.3/1

JMA Feil J1 at TOKACHI REGION, IDC 05:00:57.35.5.2.1, 42.59N, 143.03E, h77km, 15km, mb3.2/5

ISC 05:00:57.33.4.0.8, 42.44N, 143.36E, h0.04, h65km, 6km, n32, c1532/49, mb3.3/5, 2C-11D, Hokkaido region

Main table for the left page containing station data for the 2017 MAR event, including codes like JTHR, JCH, JEM, etc.

IDC 05:00:57.44.9.0.7, 64.97S, 177.96E, h0km, mb4.2/8, mbmp4.3/9, ML4.9/1, MS4.3/18, Error ellipse: s-maj=44.3km s-min=18.0km az=42.0

NEIC 05:00:57.46.4.1.1, 65.0S, 0.1777E, 0.3, h10km, 1km, mb4.8/13, Error ellipse: s-maj=28.1km s-min=19.0km az=45.0

GCMT 05:00:57.48.4.0.3, 64.92S, 0.1777E, 0.04, h18km, 2km, MW5.1/91, Moment Tensor Solution, s22, c22, s27, s91, c123

Principal axes: T 7.4160, Plg31.0000, Azm182.0000, N -2.2330, Plg41.0000, Azm3004.0000, P -5.1830, Plg33.0000, Azm69.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s, Triangular moment-rate function

ISC 05:00:57.46.4.0.6, 65.08S, 0.008, 177.7E, 0.1, h10km, n60, c087/33, mb4.6/13, MS4.2/18, Balleny Islands region

Main table for the right page containing station data for the 2017 MAR event, including codes like SBA, Vnda, Vnda, etc.

MOS 05:01:18:51.9.1.1, 35.68N, 140.83E, h39km, mb5.1/54, Error ellipse: s-maj=6.6km s-min=4.1km az=113.8

BUI 05:01:18:53.4.0.0, 35.72N, 140.74E, h63km, mb4.8/67, mb5.0/36, Ms4.4/44, Ms7.4/243

JMA 05:01:18:54.6.0.2, 35.78N, 140.76E, 0.8, h52km, 1km, MS4.7/39, MW4.9/39, NEAR CHOSHI CITY

JMA Feil J1 at NEAR CHOSHI CITY, NIED 05:01:18:54.6.35.74N, 140.72E, h52km, MW4.9, Moment Tensor Solution, s3, Moment tensor: Scale 10^16Nm

Mn:1.34, Mo:0.40, Mo:1.74, Mo:0.35, Mo:0.06, Mo:1.55, Fault plane solution: Ms2.22000x10^16 NP1:0.10, 0.00000, 0.69, 0.00000, 1.01, 0.00000, NP2:0.162, 0.00000, 0.24, 0.00000, 1.64, 0.00000

NEIC 05:01:18:54.5.4.1, 35.66N, 140.05, 140.87E, 0.09, h44km, 5km, mb4.9/111, Mw4.8/17, Error ellipse: s-maj=10.3km s-min=7.1km az=110.0, Moment Tensor Solution, s3, Moment tensor: Scale 10^16Nm, Mn:1.33, Mo:0.18, Mo:1.15, Mo:0.09, Mo:0.07, Mo:1.65, Fault plane solution: Ms2.07000x10^16 NP1:0.175, 690000, 0.18, 520000, 1.89, 020000, NP2:0.356, 72000, 0.71, 48000, 1.90, 33000

Principal axes: T 2.1496, Plg64.0000, Azm267.0000, N -0.1713, Plg0.0000, Azm177.0000, P -1.9783, Plg26.0000, Azm86.0000, NEIC 05:01:18:54.5.35.66N, 140.87E, h44km, IDC 05:01:18:57.4.1.2, 35.61N, 140.67E, h68km, 11km, mb4.3/30, mbmp4.6/38, MS4.0/37, Error ellipse: s-maj=11.3km s-min=6.8km az=73.0

GCMT 05:01:18:59.3.0.5, 35.59N, 0.03, 140.78E, 0.04, h46km, 1km, MW5.0/62, Moment Tensor Solution, s27, c30, s62, c85, Duration: 0 Moment tensor: Scale 10^16Nm, Mn:2.94e+24, Mo:0.14e+16, Mo:3.08e+14, Mo:0.11e+12, Mo:0.55e+10, Mo:1.33e+09, Best double couple: Ms3.33400x10^16 NP1:0.700000, 857.000000, 1.88.000000, NP2:0.192.000000, 833.000000, 1.94.000000, Principal axes: T 3.2210, Plg78.0000, Azm269.0000, P -3.4480, Plg12.2550, Plg2.0000, Azm9.0000, P -3.4480, Plg12.2550, Azm9.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s, Triangular moment-rate function

ISC 05:01:18:54.3.0.3, 35.70N, 0.003, 140.79E, 0.04, h46km, 2km, h46km, pp-P, n716, c1948/677, mb4.8/151, MS4.1/50, 20C-28D, Near east coast of eastern Honshu

Main table for the right page containing station data for the 5d 1h event, including codes like CHJO, CHJO, CHJO, etc.

5d 1h

2017 MAR

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Table with columns for call sign, name, frequency, mode, and other details. Includes stations like PSA00, KIRV, HOPEN, WRGLY, ALE, LIRD, PALK, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like ARQ, Araqi, Namsos, Matsula, MHTO, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like BRTR, Keskin Arr B, HEC, HECTOR, MURC, etc.

LIT	1um,16.0s	12.87	69	P	Pn	01 49 56.2	-2.0
PMAFR	Mafr	12.87	285	EA	LR	01 54 07.7	
PMDF	736nm,18.0s			A	LR	01 55 11.3	
LDF	La Druittiere	13.00	339	eSn	Sn	01 52 15.8	-8.7
GRR	Gorron	13.03	337	ePn	Sn	01 49 59.5	-0.8
GRR				eSn	Sn	01 52 16.9	-8.5
WLF	Walferdange	13.07	358	Pn	Pn	01 50 01.2	+0.3
WLF	Walferdange	13.07	358	P	Pn	01 50 01.2	+0.3
WLF	Walferdange	13.07	358	dP	Pn	01 50 02.0	+1.1
ATAL	Atalanti	13.10	76	P	Pn	01 49 59.1	-2.2
RONA	Rosalia, Austr	13.17	30	ePn	Pn	01 50 03.0	+0.7
CONA	Conrad Observa	13.19	28	ePn	Pn	01 50 03.5	+0.9
FLN	La Foliniere	13.25	339	ePn	Pn	01 50 03.3	0.0
FLN				eSn	Sn	01 52 22.3	-8.5
GERES	GERES Array S	13.27	21		Pn	01 50 03.6	0.0
GERES	GERES Array B	13.27	21		Pn	01 50 05.1	+1.4
GERES					Sn	01 52 29.2	-2.1
GERES					LR	01 55 14.8	
GERES	GERES Array B	13.27	21	Pn	Pn	01 50 03.4	-0.3
CKRC	Cesky Krumlov	13.43	22	eP	AMS	01 55 10.9	+2.2
CKRC				AMS	AMS	01 55 10.9	+2.2
CKRC	Cesky Krumlov	13.43	22	eP	Pn	01 50 07.9	+2.2
CKRC				MLR	MLR		
BOVS	Bovan	13.45	54	IP	Pn	01 50 07.7	+1.7
QUIF	Quistinic	13.46	330	ePn	Pn	01 50 06.0	-0.1
QUIF				eSn	Sn	01 52 26.7	-9.1
KHC	Kasperske Hory	13.49	20	Pn	Pn	01 50 06.7	0.0
KHC	Kasperske Hory	13.49	20	eP	AMS	01 50 08.5	+1.8
KHC				AMS	AMS	01 50 15.6	
KHC				AMS	AMS	01 56 00.0	
KHC	Kasperske Hory	13.49	20	eP	Pn	01 50 08.5	+1.8
KHC				MLR	MLR		
SGMF	Saint Gilles	13.50	333	ePn	Pn	01 50 06.2	-0.5
GIVF	Givet	13.57	355	ePn	Pn	01 50 07.2	-0.5
BAIF	Baives	13.58	353	ePn	Pn	01 50 07.0	-0.8
BAIF				eSn	Sn	01 52 30.2	-8.6
DOU	Dourbes	13.58	354	dP	Pn	01 50 08.8	+0.9
RCHB	Rochefort	13.60	356	dP	Pn	01 50 08.4	+0.4
BMRD	Maredsous	13.77	355	dP	Pn	01 50 11.1	+0.6
TAM	Tamanrasset	13.79	185	Pn	Pn	01 50 10.2	-0.8
TAM	Tamanrasset	13.79	185	P	Pn	01 50 10.2	-0.8
BGES	Gesves	13.83	356	dP	Pn	01 50 15.1	+0.3
BGES				dPP	Pn	01 50 20.1	+0.4
ROSF	Rostrenes	13.84	331	ePn	Pn	01 50 10.4	-1.0
BCLA	Clavier	13.86	356	dP	Pn	01 50 13.6	+2.0
BSTI	Sart Tilman	14.01	357	dP	Pn	01 50 14.0	+0.3
SNF	Senefhe	14.02	354	dP	Pn	01 50 14.9	+1.1
NSM	Niembach	14.02	358	dP	Pn	01 50 15.1	+1.3
VTS	Vitoshia	14.08	60	IP	Pn	01 50 15.9	+1.1
VTS	Vitoshia	14.08	60	IP	Pn	01 50 14.9	+0.1
VTS	Vitoshia	14.08	60	IP	Pn	01 50 15.9	+1.1
MODS	Modra-Piesok	14.10	30	Pn	Pn	01 50 24.6	+1.8
MODS	Modra-Piesok	14.10	30	P	Pn	01 50 24.6	+1.8
TREC	Trest	14.21	24	AMS	AMS	01 55 50.0	
KKC	Novy Kostel	14.25	15	eP	Pn	01 50 19.1	+2.1
NKC				AMS	AMS	01 55 40.0	
NKC	Novy Kostel	14.25	15	eP	MLR	01 50 19.1	+2.1
NKC				MLR	MLR		
KRUC	Moravsky	14.33	27	eP	Pn	01 50 26.2	+1.0
BZS	Buzias	14.39	47	IP	Pn	01 50 20.5	+1.6
BZS	Buzias	14.39	47	IP	Pn	01 50 20.5	+1.6
DJES	Djerdap	14.44	51	Pn	Pn	01 50 18.5	-1.2
HERR	Herculane	14.48	50	IP	Pn	01 50 21.9	+1.6
VRI	Vrincioia	14.54	21	eP	Pn	01 50 24.2	+3.3
PRU				AMS	AMS	01 56 50.0	
PRU	Pruhoniche	14.54	21	eP	MLR	01 50 24.2	+3.3
PRU				MLR	MLR		
GOPC	GO Pecny, Ondr	14.54	21	AMS	AMS	01 56 00.0	
VRAC	Vranov	14.60	26	IP	P	01 50 25.5	-2.9
VRAC	Vranov	14.60	26	IP	Pn	01 50 25.2	+3.3
VRAC				LR	LR	01 56 38.2	
VRAC	Vranov	14.60	26	IP	P	01 50 28.4	+0.1
VRAC	Vranov	14.60	26	IP	P	01 50 25.5	-2.9
IDI	Anovia	14.79	90	IP	Pn	01 50 26.7	+2.3
IDI	Anovia	14.79	90	IP	Pn	01 50 25.7	+1.3
IDI				LR	LR	01 57 17.2	
IDI				LR	LR		
IDI	Anovia	14.79	90	Pn	Pn	01 50 18.9	-5.6
IDI	Anovia	14.79	90	Pn	Pn	01 50 25.0	+0.5
VYHS	Vyhne	14.85	33	eP	P	01 50 32.8	+1.7
VYHS	Vyhne	14.85	33	eP	P	01 50 32.8	+1.7
KSTL	Kastejil Herak	14.93	90	P	Pn	01 50 35.7	+3.7
GZR	Gura Zlatia	14.96	49	IP	Pn	01 50 28.0	+1.2
PVCC	Panska Ves	15.03	20	AMS	AMS	01 56 30.0	
THR3	Thira Island,	15.04	85	P	P	01 50 33.6	+0.4
THR8	Santorini-Mono	15.10	85	P	P	01 50 33.9	-1.0
BRG	Berggiesshubel	15.19	18	eP	P	01 50 33.9	-1.0
BRG				Amp	Amp	01 50 41.0	
BRG				Amp	Amp	01 56 44.0	
BRG				Amp	Amp	01 56 47.0	
BRG				Amp	Amp	01 56 57.0	
BRG	Berggiesshubel	15.19	18	eP	P	01 50 33.7	-1.0
BRG				AMS	AMS		
BRG				MLR	MLR		
BRG				MLR	MLR		
BRG				MLR	MLR		
MORC	Moravsky Berou	15.34	27	IP	P	01 50 34.7	-1.8
MORC	Moravsky Berou	15.34	27	IP	Pn	01 50 32.7	+0.9
MORC				IAMB	IAMB	01 50 41.7	
MORC	Moravsky Berou	15.34	27	eP	P	01 50 36.1	-0.4
MORC	Moravsky Berou	15.34	27	IP	Pn	01 50 34.7	-1.8
COLL	Collim	15.38	15	eP	Pn	01 50 33.0	+0.8
COLL				e(sP)	Pn	01 50 40.0	+3.1
COLL				i sPP	Pn	01 50 46.6	
COLL				AMS	AMS	01 56 00.0	
COLL				AMS	AMS	01 50 40.0	+3.1
COLL				MLR	MLR		
DPC	Dobruska-Polom	15.40	24	eP	P	01 50 35.7	-1.5
DPC				eP	P	01 50 39.9	+0.1
DPC				AMS	AMS	01 56 30.0	
DPC	Dobruska-Polom	15.40	24	eP	P	01 50 35.7	-1.5
DPC				MLR	MLR		
DPC				MLR	MLR		
UPIC	Upice	15.44	23	eP	P	01 50 40.5	+2.9
UPIC				AMS	AMS	01 57 00.0	
UPIC				AMS	AMS	01 50 40.5	+2.9

UPC				MLR	MLR		
CHOS	comp=Z,700nm,17.7s	15.46	78	P	Pn	01 50 32.5	-1.0
CHOS	Chios island	15.46	78	eP	Pn	01 50 33.8	+0.3
CHOS	Ostias	15.54	23	eP	AMS	01 50 41.1	+2.3
Ostias	comp=Z,600nm,16.2s	15.54	23	eP	P	01 50 41.1	+2.3
LOT	Lotru	15.60	50	IP	P	01 50 36.9	+1.7
OKC	Ostrava-Krasne	15.62	28	eP	P	01 50 41.4	+1.9
OKC		15.62	28	eP	AMS	01 58 10.0	
OKC	Ostrava-Krasne	15.62	28	eP	P	01 50 41.4	+1.9
LANS	Liptovska 13.3s	15.62	33	eP	P	01 50 42.8	+3.1
LANS	Liptovska Anna	15.62	33	eP	P	01 50 42.8	+3.1
DRGR		15.68	45	IP	Pn	01 50 37.5	+1.3
DRGR		15.68	45	IP	P	01 50 37.5	+1.3
STIA	Sitia Lasithi	15.77	89	P	Pn	01 50 35.1	-2.3
KSP	Ksiaz	15.82	23	eP	P	01 50 44.5	+2.8
URLA	Izmir	15.89	78	eP	Pn	01 50 39.1	+0.2
ZKR	Zakros	15.89	90	P	Pn	01 50 36.8	-2.1
COMI	Comale	15.89	71	IP	Pn	01 50 40.1	+1.1
HUMR	Humele	15.96	55	IP	P	01 50 42.1	-1.4
ARR	Arges	16.10	51	IP	P	01 50 43.1	+1.4
CJR	Cluj-Napoca	16.14	46	IP	Pn	01 50 43.6	+1.5
CJR	Cluj-Napoca	16.14	46	IP	Pn	01 50 43.6	+1.5
NIEDZICA	Niedzica	16.18	33	eP	P	01 50 49.1	+3.2
BLCB	Balcova	16.24	78	P	Pn	01 50 41.6	+1.2
BLCB	Balcova	16.24	78	eP	P	01 50 49.5	+3.0
TRPA	Tarpa	16.39	40	IP	P	01 50 47.0	-1.1
VOIR	Voiron	16.39	52	IP	P	01 50 47.8	-0.5
VOIR		16.39	52	IP	P	01 50 47.8	-0.5
KRAB	Karabiga-Canak	16.55	71	P	Pn	01 50 47.7	+0.5
KARP	Karpatos	16.57	88	Pn	Pn	01 50 40.2	-0.6
KARP		16.57	88	Pn	IAMB	01 50 58.9	
OJC	Ojcow	16.57	31	eP	P	01 50 49.5	-0.7
OJC	Ojcow	16.57	31	Pn	Pn	01 50 48.3	+0.7
OJC	Ojcow	16.57	31	P	Pn	01 50 48.3	+0.7
OJC				AMS	AMS		
STHS	Stebnicka Huta	16.61	35	eP	P	01 50 53.2	+2.6
STHS	Stebnicka Huta	16.61	35	eP	P	01 50 53.2	+2.6
BMR	Baia Mare	16.62	43	IP	P	01 50 51.1	+0.4
BMR	Baia Mare	16.62	43	IP	P	01 50 51.1	+0.4
DAT	Dataca	16.75	83	P	P	01 50 51.5	-0.8
DAT	Dataca	16.75	83	P	P	01 50 53.4	+1.1
DOCP	Dopca	16.84	50	P	P	01 50 52.4	+0.8
MLSB	Milias	16.86	81	eP	P	01 50 52.9	-0.5
SECR	Secur	16.88	54	IP	P	01 50 53.6	0.0
BALB	Balikesir	16.93	73	eP	Pn	01 50 53.1	+0.9
BALB	Balikesir	16.93	73	eP	Pn	01 50 52.9	+0.7
BALB				IAMB	IAMB	01 50 55.5	
EDC	Edincik	16.98	71	eP	P	01 50 53.5	+0.7
MLR	Muntele Rosu	16.98	53	IP	P	01 50 54.9	+0.5
MLR	Muntele Rosu	16.98	53	IP	P	01 50 54.9	+0.5
MLR				AMS	AMS	01 58 14.0	
MLR				AMS	AMS	01 51 01.4	
OZUR	comp=Z,775nm,18.3s,baz=252,slow=40	17.15	50	IP	P	01 50 57.1	+0.6
ISR	Istrita	17.22	54	IP	P	01 50 57.6	+0.2
ISR	Istrita	17.22	54	IP	P	01 50 57.6	+0.2
ARG	Arkhangelos	17.25	85	P	Pn	01 50 54.9	-1.3
ARG	Arkhangelos	17.25	85	IAMB	IAMB	01 51 09.0	
YER	Yerkesik	17.27	82	eP	Pn	01 50 57.2	+0.6
YER	Yerkesik	17.27	82	eP	Pn	01 50 58.0	-0.1
COVR	Voineasa-Covas	17.30	52	IP	Pn	01 50 58.7	+0.4
COVR	Karacabey (Bur	17.34	71	eP	Pn	01 50 58.1	+0.7
MANI	Manisa	17.43	77	Pn	Pn	01 50 57.6	-1.0
KULA	Kula-Manisa	17.51	77	eP	Pn	01 51 00.9	+0.2
BURAR	Bucovina Array	17.55	45	IP	P	01 51 03.2	+2.0
BURAR	Bucovina Array	17.55	45	IP	P	01 51 02.5	+1.3
BURAR	Bucovina Array	17.55	45	IP	P	01 51 03.2	+2.0
BURAR							

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VA01 Torpederas, ROC1 El Roble, MT02 Curacav, etc.

ISC 05 01:52:32.9 1.7, 35.85N; 141.19E, h0km, mb3.5/4, mbtm3.9/7, ML3.5/4, Error ellipse: s-maj=38.5km s-min=20.9km az=114.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CHOI Chosi, JSMT Sammumatsuo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJ, H11N2 WAKE ISLAND Hy, etc.

ISC 05 02:45:32.6 2.6, 36.33N; 171.16E, h210km, 23km, mb3.4/13, mbtm4.0/19, Error ellipse: s-maj=18.6km s-min=15.7km az=159.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CHCP Chirah Chowk, AML Almayashu, etc.

ISC 05 03:30:06.2 1.0, 20.24N; 119.96E, h0km, mb3.6/9, mbtm3.6/10, ML3.1/1, MS2.8/1, Error ellipse: s-maj=34.5km s-min=19.3km az=72.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, AAK Ala-Archa, etc.

ISC 05 03:09:9.1, 20.23N; 101.120E; 0.1, h25km, m12, r1520/12, mb3.5/9, 1C, Phillipine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BBP Basco, KRSR Korea Array, etc.

NCEDC 05 03:31:28.4 1.1, 39.76N; 0.01:123.38W; 0.02, h6km, 5km, M3.0/52, ML2.7/26(NEIC), Error ellipse: s-maj=1.9km s-min=1.8km az=114.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KYMI, S, Sn, 03 54 04.1-0.2. Includes stations like KCPM, KBNM, KBSA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KYMI, S, Sn, 03 54 04.1-0.2. Includes stations like DGB, ZYVE, ZEZE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KYMI, S, Sn, 03 54 04.1-0.2. Includes stations like KYMI, Athens, EZN, etc.

IDC 05 03:37:28.6±2.5, 40.15N±143.60E, h0km, mb3.6/3, mbmp3.6/6, ML3.2/2, MS3.1/2, Error ellipse: s-maj=57.0km s-min=25.2km az=83.0

JMA 05 03:37:31.0±3.0, 40.2N±143.2E±0.9, h20km±3km, MV3.6/37 FAR E OFF SANRIKU

ISC 05 03:37:31.8±4.1, 40.14N±143.35E±0.08, h17km±27km, n7, r±131/26, mb3.5/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KYMI, S, Sn, 03 54 04.1-0.2. Includes stations like JTH, JKEN, JKB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KYMI, S, Sn, 03 54 04.1-0.2. Includes stations like PRK, YER, YER, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KYMI, S, Sn, 03 54 04.1-0.2. Includes stations like GADA, KSTL, GEDZ, etc.

DDA 05 03:52:58.7±0.0, 37.59N±26.56E, h3km±2km, ML3.0

ISK 05 03:52:59.9, 37.63N±26.55E, h8km, ML3.1/29

THE 05 03:53:00.7, 37.68N±26.63E, h5km±1km, ML3.0/7, Error ellipse: s-maj=1.5km s-min=0.5km az=60.0

IDC 05 03:53:00.4±2.0, 37.03N±27.24E, h0km, mb3.2/2, mbmp3.1/3, ML2.5/1, Error ellipse: s-maj=171.8km s-min=23.4km az=146.0

ATH 05 03:53:01.0, 37.66N±26.59E, h10km±1km, ML2.9/21, Error ellipse: s-maj=1.9km s-min=0.7km az=107.0

ISC 05 03:53:00.3±1.1, 37.64N±26.57E±0.02, h7km±9km, n11, r±07/149, Dodecanese Islands

IDC 05 03:57:41.0±1.5, 41.17N±50.34E, h0km, mb3.5/5, mbmp3.5/8, ML3.3/3, MS2.0/1, Error ellipse: s-maj=40.1km s-min=16.3km az=16.0

TEH 05 03:57:44.6, 41.56N±50.56E, h65km, ML3.2

AZER 05 03:57:45.8±1.1, 41.52N±50.43E, h40km, 1km, Error ellipse: s-maj=1.5km s-min=1.1km az=239.0

ISC 05 03:57:45.4±1.6, 41.58N±50.05±0.07E±0.05, h30km±12km, n57, r±128/80, mb3.6/5, Caspian Sea

IDC 05 03:57:41.0±1.5, 41.17N±50.34E, h0km, mb3.5/5, mbmp3.5/8, ML3.3/3, MS2.0/1, Error ellipse: s-maj=40.1km s-min=16.3km az=16.0

TEH 05 03:57:44.6, 41.56N±50.56E, h65km, ML3.2

AZER 05 03:57:45.8±1.1, 41.52N±50.43E, h40km, 1km, Error ellipse: s-maj=1.5km s-min=1.1km az=239.0

ISC 05 03:57:45.4±1.6, 41.58N±50.05±0.07E±0.05, h30km±12km, n57, r±128/80, mb3.6/5, Caspian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KYMI, S, Sn, 03 58 35.0+0.7. Includes stations like NDR, NDR, NDR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Kununurra, Marble Bar, Pilbara Seismi, etc.

IDC 05 05:13:55.0.4.4, 12.78N, 90.36W, h0km, mb3.6/7, mtimp3.7/8, ML3.1/1, MS3.6/4, Error ellipse: s-maj=89.6km

SNET 05 05:14:01.1.6, 12.93N, 90.64W, h15km, 13km, ML3.5, ISC 05 05:13:59.7.3.2, 12.93N, 0.1-90.63W, 0.06, h16km, 17km, n22, e157/25, mb3.8/6, MS3.6/4, Off coast of central America

Main table for station data in the left column, including station names like Las Nubes, Cerro Verde, etc., and their respective parameters.

ATH 05 05:14:03.8, 39.56N, 23.23E, h6km, 2km, ML1.5/4, Error ellipse: s-maj=2.9km s-min=0.9km az=156.0, Aegean Sea

Table for station data in the left column, including stations like Xorichti, Neokhor, etc., and their parameters.

IDC 05 05:14:50.9.1.6, 43.11N, 13.94E, h0km, mb3.5/2, mtimp3.5/4, ML3.5/2, MS2.9/1, Error ellipse: s-maj=36.3km

ROM 05 05:14:52.2.0.2, 43.126N, 0.006-14.084E, 0.010, h7km, 1km, ML3.4/7, Error ellipse: s-maj=0.8km s-min=0.3km az=234.0

LDG 05 05:14:52.7.0.2, 43.15N, 14.30E, h10km, ML3.2/23, Error ellipse: s-maj=5.9km s-min=3.6km az=74.0

PRU 05 05:14:54.1.0.0, 43.17N, 14.24E, h10km, ISC 05 05:14:53.0.0.9, 43.13N, 0.02-14.05E, h17km, 6km, n188, e159/245, 5D, Adriatic Sea

Table for station data in the left column, including stations like Capodarco di F, etc., and their parameters.

Table for station data in the middle column, including stations like CADA, CIMA, etc., and their parameters.

IDC 05 05:14:50.9.1.6, 43.11N, 13.94E, h0km, mb3.5/2, mtimp3.5/4, ML3.5/2, MS2.9/1, Error ellipse: s-maj=36.3km

ROM 05 05:14:52.2.0.2, 43.126N, 0.006-14.084E, 0.010, h7km, 1km, ML3.4/7, Error ellipse: s-maj=0.8km s-min=0.3km az=234.0

LDG 05 05:14:52.7.0.2, 43.15N, 14.30E, h10km, ML3.2/23, Error ellipse: s-maj=5.9km s-min=3.6km az=74.0

PRU 05 05:14:54.1.0.0, 43.17N, 14.24E, h10km, ISC 05 05:14:53.0.0.9, 43.13N, 0.02-14.05E, h17km, 6km, n188, e159/245, 5D, Adriatic Sea

Main table for station data in the middle column, including stations like AOI, GUMA, etc., and their parameters.

Table for station data in the right column, including stations like SMA1, VCEL, etc., and their parameters.

IDC 05 05:14:50.9.1.6, 43.11N, 13.94E, h0km, mb3.5/2, mtimp3.5/4, ML3.5/2, MS2.9/1, Error ellipse: s-maj=36.3km

ROM 05 05:14:52.2.0.2, 43.126N, 0.006-14.084E, 0.010, h7km, 1km, ML3.4/7, Error ellipse: s-maj=0.8km s-min=0.3km az=234.0

LDG 05 05:14:52.7.0.2, 43.15N, 14.30E, h10km, ML3.2/23, Error ellipse: s-maj=5.9km s-min=3.6km az=74.0

PRU 05 05:14:54.1.0.0, 43.17N, 14.24E, h10km, ISC 05 05:14:53.0.0.9, 43.13N, 0.02-14.05E, h17km, 6km, n188, e159/245, 5D, Adriatic Sea

Main table for station data in the right column, including stations like T1219, T1218, etc., and their parameters.

5d 5h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LUSI, MAGA, GAGG, HAPS, ABTA, ZONE, APPI, DRME, KBA, MDI, ROSI, ARSA, WTTA, MUGIO, FETA, WATA, BQTA, BIOA, FRGS, DAVOX, MOTA, MOA, RONA, SBF, RETA, CONA, DAVA, MBDF, LMR, CKRC, GERES, LPL, KHC, ORIF, SMRF, PRU, HIN, VIV, CDF, HAU, LASF, PAGF, SMF, SFTF, KEST, MEZF.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SAVF, LOR, AVF, SSF, BGF, MLR, TCF, MKAR, CMAR, WRA, MKAR, ASAR, FUNV, RSN, MCOV, CRUC, URIC, LLIC, ARG, SMRC, CURV, CAPV, SIOV, SOCV, SJCC, PAMC, BRRC, JACV, ZARC, BARC, MAPV, TAMC, UREC, PTBC, TURV, RUSC, BAUV, BENV, SPBC, DBBC, TACV, NORC, FUNV, CBOC, UPD2, ROSC, CHIC.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHIC, BIRV, MERV, PTGC, VILC, CACV, ORTC, PRGV, SIV, ASAR, WRA, MULA, YER, DALY, TURN, CAEL, CAME, FET, APY, AYDN, GOLH, DAT, AKAS, ARG, DDIM, ELL, AKAS, AKAS, NISR, Kastellorizon, KSL, BURDUR, KOS, KOS, KOS, MANT, KULA, PASA, PASA, KORT, KORT, KORT, DGB, USAK, BCK, KZIL, KZIL, ANTB, ISP, ISP, BLCB, DEMI.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Las Esperanzas, Coope Vega, Finca Concepci, etc.

Table with columns: ZARC, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Zaragoza, Cauca, YOTO, DBBC, etc.

Table with columns: BOZC, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ezine, Malpelo, Volcan, etc.

RSNC 05 08:34:48.2.1.3.523N:73.91W, h139km, 5km, ML3.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like San Pablo de B, El Rosal, Chingaza, etc.

DDA 05 08:49:13.9.0.0, 39.41N:28.13E, h8km, 5km, ML1.5,

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

DDA 05 09:25:59.7.0.0, 40.75N:27.38E, h7km, 2km, ML2.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JSE, JWKC, ASAJ, etc.

Table of astronomical observations for the 5d 11h period, listing station names, codes, and various parameters like time, position, and signal strength.

Main table of astronomical observations for 2017 MAR, listing station names, codes, and various parameters like time, position, and signal strength.

Table of astronomical observations for stations BURAR, BRTR, GERES, TXAR, and PLCA, listing station names, codes, and various parameters.

JMA 05 10:11:37.90.1, 37.2N, 0.3, 141.5E, 0.5, h18km, 1km, MV.1.4/2.3, E OFF FUKUSHIMA PREF, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error, listing station names like Kawauchi, Iwakimizuishi, etc.

IOC 05 10:16:03.1±1.8, 36.175°N, 173.43W, h0km, mb3.4/3, mbmp3.5/5, ML3.6/2, MS2.7/2, Error ellipse: s-maj=32.1km s-min=19.7km az=90.0

GUC 05 10:16:04.4±0.6, 36.215°N, 173.74W, h38km, 9km, ML3.9, ISC 05 10:16:06.7±1.1, 36.225°N, 173.59W, 0.08, h35km, n27, ±1901/26, 6C-20, Near coast of central Chile

Large table of astronomical observations for stations B105, CCSP, G005, BO03, BO02, BO01, MT09, LR03, LR04, LMEL, MT10, R0CH, PEL, VAO3, H03S1, H03S2, H03S3, PLCA, CFA, LVC, CPUP, LPAZ, SIV, TXAR, listing station names, codes, and various parameters.

IOC 05 10:46:18.1±1.0, 30.000°N, 139.85E, h318km, 22km, mb3.1/3, mbmp3.7/7, Error ellipse: s-maj=76.8km s-min=13.0km az=71.0

ISC 05 10:46:17.4±0.9, 30.1°N, 0.1±139.8E, 0.2, h300km, n7, ±1965/8, mb3.2/3, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error, listing station names like Hachijo jima, HJH, HJH, HJH, etc.

IOC 05 11:11:00.4±0.8, 52.35N, 169.64W, h0km, mb3.9/18, mbmp3.9/20, ML3.5/2, MS3.2/19, Error ellipse: s-maj=26.0km s-min=13.9km az=169.0

AEIC 05 11:11:03.2±0.8, 52.12N, 169.41W, 0.1, h21km, 8km, Error ellipse: s-maj=16.9km s-min=8.3km az=143.0

NEIC 05 11:11:07.5±2.9, 52.36N, 169.01W, 0.1, h50km, 10km, mb3.8/21, ML4.0/6, ML3.7(AEIC), Error ellipse: s-maj=16.1km s-min=8.3km az=146.0

ISC 05 11:11:05.2±0.7, 52.22N, 169.41W, 0.07, h35km, n87, ±1568/67, mb3.9/19, MS3.2/17, FOS Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error, listing station names like Cleveland East, CLES, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NIKH, UNV, AKUT, GSTR, ADK, KIWB, SPIA, SDPT, CHGN, SHEM, P18K, KDOK, KDAK, M19K, L19K, TTA, SEW, OZ2K, K20K, PPLA, PWR, GHO, KNIK, KTH, BPAW, SCM, KLU, MLY, WRH, I23K, H23K, MCARA, ILAR, ILAR, M26K, H24K, BARN, M27K, J26L, I26K, EGAK, HYT, BMAR, DAWY, PEA0B, PETK, M31M, FARO, H02S1, DLBC, INK, INK, INK, INK, BBB, YKA, ASAJ, TIXI, YBH, YAK, KLR, H11N2, H11N3, H11N1, H11S1, H11S2, H11S3, MJAR, PDAR, PFO, ULM, KSR5, KSR5, KSR5, JNU, SONM, SONM, TXAR, ZALV, ARCES, MKAR, MKAR, ARU, FINES, NOA, NOA, BAAK.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BELG, AKASO, CMAR, GERES, KBZ, ESDC, ASAR, NNC 05 11:17:08, ISG 05 11:17:09, Code Station Name, AML, UCH, KK31, EKS2, AAK, TKM2, TKM2, TKM2, AB31, NNC 05 11:21:32, SOME 05 11:21:36, IUG, IUG, IUG, AML, AML, MRKS, MRKS, MRKS, KK31, KK31, TKM2, TKM2, KUU, KUU, IDC 05 11:23:29, LSZ, MBAR, KMBO, KMBO, BOS, TOR, BBTS, NEIC 05 11:33:37, ANF 05 11:33:36, TUL 05 11:33:39, Code Station Name, CSTR, CROK, CROK, CROK, OK029, OK038, OK038, U32A, U32A, U32A, OK025, NOKA, NOKA, NOKA, OK032, OK032.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ELIS, ELIS, ELIS, FNO, FNO, GCO2, KAN14, KAN14, OK033, OK033, OK033, OK050, OK050, OK031, OK052, OK052, KAN17, BLOK, OK046, OK046, OK030, OK030, OK053, OK053, WMOK, WMOK, WMOK, KAN13, GUK, KAN01, KAN08, X34A, W35A, DEOK, T35B, T35B, TUL1, TUL1, TUL1, LOOK, LOOK, W35A, R32A, R32A, Z35A, Z35A, X37A, X37A, FW03, AMTX, AMTX, AMTX, AMTX, FW07, KSU1, KSU1, FW14, POST, MIAR, MIAR, MIAR, KSCO, WHAR, WHAR, UALR, R40A, R40A, CCAR, CCAR, LCAR, LCAR, OGNE, CCM, Q24A, FVM, SLM, N23A, BNDI, MSAI, MSAI, NLSAI, SAUI, SAUI, SAUI, SOEI, SPSI, PLAI, WRA.

5d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, CMAR, KSRS, MJAR, USRK, SONM, PETK, MKAR, ZALV, SNA4.

NEIC 05 12:09:15.9, 0.7, 35.90N, 0.02, 98.27W, 0.02, h5km, 2km, Error ellipse: s-maj=3.6km s-min=3.0km az=226.0

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their associated data.

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

GCG 05 12:21:35.8, 0.3, 13.73N, 91.24W, h6km, MD3.8 SNET 05 12:21:37.4, 1.2, 13.96N, 91.14W, h19km, 5km, ML3.4

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

IDC 05 12:22:15.6, 0.4, 55.29S, 128.83W, h0km, mb4.6/14, mbtmp4.6/14, MS5.0/43, Error ellipse: s-maj=23.3km

MOS 05 12:22:16.1, 1.4, 55.36S, 128.78W, h11km, mb5.3/14, Error ellipse: s-maj=21.4km s-min=16.5km az=56.0

NEIC 05 12:21:16.4, 1.9, 55.18S, 0.05, 129.21W, 0.12, h10km, 1km, MS5.3/59, Ms 20.5, 4/160, Mw5.6/18, Error ellipse: s-maj=18.3km s-min=8.5km az=269.0

NEIC 05 12:22:16.8, 5.5, 21.5S, 129.00W, h10km, GCMT 05 12:21:40.1, 4.0, 1.55, 145S, 0.0, 128.81W, 0.01, h18km, MW5.7/151, Moment Tensor Solution: s146,c271;

NEIC 05 12:22:16.8, 5.5, 21.5S, 129.00W, h10km, GCMT 05 12:21:40.1, 4.0, 1.55, 145S, 0.0, 128.81W, 0.01, h18km, MW5.7/151, Moment Tensor Solution: s146,c271;

NEIC 05 12:22:16.8, 5.5, 21.5S, 129.00W, h10km, GCMT 05 12:21:40.1, 4.0, 1.55, 145S, 0.0, 128.81W, 0.01, h18km, MW5.7/151, Moment Tensor Solution: s146,c271;

NEIC 05 12:22:16.8, 5.5, 21.5S, 129.00W, h10km, GCMT 05 12:21:40.1, 4.0, 1.55, 145S, 0.0, 128.81W, 0.01, h18km, MW5.7/151, Moment Tensor Solution: s146,c271;

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

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

Table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like HEH, HHC, ESDC, GTA, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like KRLC, MAK2, VYHS, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like PDAR, Pinedale Array, etc.

IDD 05 13:14:37.0.7.2.40'AS5x174'81E, h0km, mb3.4/2, mbmp3.4/2, Error ellipse: s-maj=44.19km s-min=44.5km az=31.0

WEL 05 13:14:43.7.0.3.42'S.3'x17.4E', h12km, 3km, M3.7/23, ML3.9/23, ML3.7/23, Error ellipse: s-maj=0.0km s-min=0.0km az=141.8, confirmed

ISC 05 13:14:43.3.1.2.41.94S.0'03x173.54E.0'03, h13km, 10km, n108, s1549/113, South Island

Table with columns: Code, Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like BSWS, KHZ, KHZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WPHZ, MHEZ, MTVZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PB09, LVC, LVC, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LPAZ, LPAZ, AC05, etc.

RSNC 05 13:26:39.4-0.8, 4.21N-76.79W, h50km, gkm, ML1.4, Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like YOTC, MALC, PIZC, etc.

NEIC 05 13:29:01.2-1.2, 17.4S-0.3-175.0W, h1.28km, m17km, mb4.2/19, Error ellipse: s-maj=40.9km s-min=18.8km az=190.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TA01, TA01, TA01, etc.

NEIC 05 13:29:24.4-2.0, 18.2S-0.3-177.8W, h3.0, h350km, n27, c29.25nm, mb4.0/13, Fiji Islands region

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

NEIC 05 13:29:01.2-1.2, 17.4S-0.3-175.0W, h1.28km, m17km, mb4.2/19, Error ellipse: s-maj=40.9km s-min=18.8km az=190.0

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

NEIC 05 13:29:24.4-2.0, 18.2S-0.3-177.8W, h3.0, h350km, n27, c29.25nm, mb4.0/13, Fiji Islands region

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

NEIC 05 13:29:01.2-1.2, 17.4S-0.3-175.0W, h1.28km, m17km, mb4.2/19, Error ellipse: s-maj=40.9km s-min=18.8km az=190.0

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

IDA 05 13:42:17.6-0.8, 21.80S-68.25W, h103km, gkm, mb4.0/11, mbmp4.3/14, Error ellipse: s-maj=17.8km s-min=15.5km az=176.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like P52A Corning, SPSA Standing Stone, FVM French Village, KSPA Keystone Colle, WYNY West Valley, N, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORO Torndi Arr. Bea, NEIC 05 14:20:56.5, 1.4, 20.7, etc., and various other codes like MSVF, NIUE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WBO comp=Z,13nm,1.4s, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BVA0 Borovoye Array, AKTO Aktyubinsk, and TORD Torodi Ar. Bea.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like A36M Sachs Harbour, WRA Warramunga Arr, and WEL WEL 05 15:22:18.4.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PMG 4.3nm,0.3s, WRA Warramunga Arr, and WEL WEL 05 15:22:18.4.

5d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FOX Glacier, TRW Traveller, MTW Mount Morrison, etc.

WEL 05:15:24:58.3-0.8,39'S,5°17'5E, h59km, mb3.7/10, ML2.0/17, MLV1.7/13, Error ellipse: s-maj=0.0km s-min=0.0km az=164.9, confirmed, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PKVZ Pokaka, MTVZ Mangateitei, TRVZ Turoa, etc.

IDC 05:15:24:33.9-1.0,5°7'3N,94°80'E, h0km, mb3.9/10, mbtmp3.9/11, ML3.7/11, Error ellipse: s-maj=47.6km s-min=16.5km az=52.0

NEIC 05:15:24:43.8-1.3,5°42'N,0°07'94'75E,0°08, h61km, mb3km, mb4.4/23, Error ellipse: s-maj=12.5km s-min=9.4km az=67.0

ISC 05:15:24:37.0-0.6,5°45'N,0°07'94'28E,0°07, h35km, n57, s=1759/50, mb4.2/22, 1C, Northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LHMI Lhok Sumawe, RPSI Rantau Prapat, SRIT Nakansritamara, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KKAR comp=Z,2.8nm,1.5s, TJN Taejon, INCN Incheon, etc.

IDC 05:15:48:32.6-1.3,6°22'S,149°19'E, h70km, 13km, mb3.7/10, mbtmp4.1/13, MS3.4/11, Error ellipse: s-maj=24.0km s-min=7.9km az=125.0

NEIC 05:15:48:32.4-1.1,6°14'S,0°09'149°0E,0°1, h49km, 7km, mb4.6/23, Error ellipse: s-maj=17.5km s-min=9.6km az=128.0

ISC 05:15:48:32.0-0.5,6°16'S,0°06'149°07E,0°08, h60km, n57, s=1567/58, mb4.5/24, MS3.2/8, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, KRVT Honiara, RABL Rabaul, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MDJ Mudanjiang, CMAR Chiang Mai 4rs, HHC Hu-ho-hao-te, etc.

HVO 05:16:06:15.5-0.5,19°38'N,0°01'155°24W,0°01, h3km, 2km, ML2.6/16, ML1.8/42(NEIC), Error ellipse: s-maj=2.2km s-min=1.0km az=143.0

NEIC 05:16:06:16.4-0.6,19°39'N,0°01'155°264W,0°007, h2km, 3km, Error ellipse: s-maj=2.1km s-min=0.9km az=171.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KKO Keanakako'i, KKO Rim, RIM Rim, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDHHI Sand Hill, SBLHI Steaming Bluff, OBL Observatory Le Uwekahuna B, etc.

HVO 05 16:13:18.9, 0.8, 19.379N, 0.010, 155.237W, 0.009, h2km, 3km, ML3.5/19, ML3.4/45(NEIC), Error ellipse: s-maj=1.5km s-min=1.1km az=145.0

NEIC 05 16:13:19.3, 0.9, 19.390N, 0.005, 155.246W, 0.009, h16km, 2km, Error ellipse: s-maj=1.3km s-min=0.8km az=92.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKO Keanakako'i, BYL Byron's Ledge, RIM Rim, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HMH Humu'ula Sheep, MLOA Mauna Loa Obse, MLOA Mauna Loa Obse, etc.

NNC 05 16:13:19.7, 0.8, 42.69N, 71.04E, h0km, mb3.2, mpv2.9, Error ellipse: s-maj=6.2km s-min=4.9km az=47.0

SOME 05 16:13:20.9, 42.80N, 71.06E, h15km, KRNET 05 16:13:21.2, 0.1, 42.80N, 71.02E, h25km, mb2.4

ISC 05 16:13:21.0, 0.1, 42.80N, 0.003, 71.09E, 0.02, h12km, g9km, h31, c096/58, 32C-4D, Kyrgyzstan

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

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKO Keanakako'i, HATHI Halema'uma'u T, RIM Rim, etc.

HVO 05 16:17:19.1, 0.8, 19.382N, 0.009, 155.236W, 0.007, h2km, 3km, ML3.5/19, ML2.7/46(NEIC), Error ellipse: s-maj=1.3km s-min=1.0km az=174.0

NEIC 05 16:17:19.8, 0.8, 19.376N, 0.006, 155.245W, 0.007, h4km, 2km, Error ellipse: s-maj=1.2km s-min=0.7km az=135.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PUH Pauahi, KKO Keanakako'i, KKO Keanakako'i, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Isla Desecho, Obispo Ponce, San Juan, Canovas, Guanica, Cabo Rojo, etc.

NOU 05 19:14:05.7, 41.94S, 174.15E, h0km, MLV3.8/7, Cook Strait, New Zealand
WEL 05 19:14:06.8, 0.4, 42.2S, 177.4E, h10km, 3km, M3.2/15, ML3.5/15, MLV3.2/15, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Cape Campbell, Blackbirch Sta, Tuamarina, South Karori, Kahutara, etc.

NEIC 05 19:14:49.5, 1.7, 37.75N, 0.01, 113.14W, 0.02, h5km, 10km, Error ellipse: s-maj=2.7km s-min=1.4km az=14.0
USSS 05 19:14:49.5, 1.6, 37.75N, 0.01, 113.15W, 0.02, h4km, 7km, ML3.3/16, ML3.4/92(NEIC), Error ellipse: s-maj=2.6km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Antelope Range, Blowhard Mount, Dry Willow Pea, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Little Creek M, Kanab, North Mineral, Mount Pierson, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Sheep Range, Rachel, Trail Mountain, North Lily Min, Nelson, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Juan Fernandez, Alice Springs, etc.

INET 05 19:32:10.4, 0.5, 12.00N, 87.99W, h0km, 1km, MW3.1
SNET 05 19:32:11.7, 0.9, 11.99N, 88.06W, h18km, 7km, ML3.1
ISC 05 19:32:05.7, 4.3, 11.8N, 82.88W, 0.10, h10km, n11, c035/14.0, Off coast of central America

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like San Cristobal, Conchagua, La Caada, etc.

IDC 05 19:32:21.6, 2.2, 3.94N, 123.27E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=299.7km s-min=26.9km az=63.0, Celebes Sea

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

DDA 05 19:36:14.5, 0.0, 37.59N, 38.49E, h7km, 2km, ML1.5
ISK 05 19:36:15.4, 37.61N, 38.50E, h5km, ML1.5/3
ISC 05 19:36:14.9, 1.1, 37.59N, 38.51E, h5km, 10km, n16, c0598/24, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Bozova, Urfia, antiurfa/Hi, Adyaman-Merk, etc.

ISK 05 19:36:11.7, 3.75N, 26.51E, h12km, ML2.8/7
THE 05 19:36:14.9, 35.69N, 26.6E, h53km, 3km, ML2.7/7, Error ellipse: s-maj=3.4km s-min=0.4km az=148.0
ATH 05 19:36:15.4, 35.73N, 26.58E, h28km, 2km, ML2.8/11, Error ellipse: s-maj=2.7km s-min=0.8km az=118.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Karpathos, Karpathos, Karpathos, etc.

Table with columns: PNL, Peninsula, 7.19 65 P, Pn, 21 54 55.4 +0.4, etc. Lists various locations and their coordinates.

Table with columns: F22K, John River, 10.31 0 P, Pn, 21 55 38.3 +0.7, etc. Lists various locations and their coordinates.

Table with columns: R55A, Iamb, Iamb, 22 02 43.2, etc. Lists various locations and their coordinates.

IDC 05:22:09.02+1.8, 0.56N, 126.27E, h0km, mb3.8/3, mbmp3.8/3, MS2.6/1, Error ellipse: s-maj=168.4km s-min=23.2km az=65.0

DJA 05:22:09.08+1.7, 0.56N, 126.27E, h20km, Mb3.8/7, ML2.3/8.7

ISC 05:22:09.07+1.4, 0.46N, 126.09E, 0.10, h35km, n10, r133/10, mb3.9/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists station data for Northern Molucca Sea.

WEL 05:22:15:37.4-0.5, 42.53S, 174E, h15km, 4km, M2.2/3, ML2.3/7, MLV2.2/3, Error ellipse: s-maj=0.0km s-min=0.2km az=108.0, confirmed, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists station data for South Island.

IDC 05:22:16:20.3-1.1, 15.53N, 147.76E, h0km, mb3.9/8, mbmp3.8/8, Error ellipse: s-maj=55.4km s-min=23.2km

ISC 05:22:16:24.8-1.1, 15.53N, 147.76E, 0.04, h29km, n11, r047/8, mb3.7/8, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists station data for Mariana Islands region.

IDC 05:22:28:08.9-0.4, 58.52S, 139.78W, h0km, mb4.6/10, mbmp4.6/10, MS3.8/3, Error ellipse: s-maj=25.7km s-min=14.7km az=178.0

NEIC 05:22:28:10.7-1.9, 58.35S, 139.6W, 0.2, h10km, 1km, mb5.1/49, Error ellipse: s-maj=23.1km s-min=16.9km az=3.0

BUI 05:22:28:11.0-0.0, 58.30S, 139.70W, h10km, mb5.6/2, Ms7.5/4.1

ISC 05:22:28:10.3-0.3, 58.35S, 139.66W, 0.07, h10km, n306, r083/307, mb5.1/32, MS4.3/7, 7C-6D, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists station data for Pacific-Antarctic Ridge.

5d 22h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MYKA Terra Mystica, GURO Guroymak-BITLI, ENN Bunyan, etc.

WEL 05 22:36:17.8±0.4, 2°33'17.3"±17.3", h5km, ML2.5/9, Error ellipse: s-maj=0.0km s-min=0.0km az=111.1, confirmed, South Island

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KHZ Kahutara, GVZ Greta Valley S, LTZ Lake Taupo, etc.

NOU 05 22:45:44.0, 37°55'S, 176°21'E, h333km, MLv4.1/9, North Island, New Zealand
WEL 05 22:45:50.7±0.8, 38°59'±17.6"E, h270km, 8km, M2.9/26, MLv2.9/26, Error ellipse: s-maj=0.0km s-min=0.0km az=141.7, confirmed

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TLZ Tolley Road, MUG Murupara, MKAZ Moumakai, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MTW Mount Morrison, CAW Cannon Point, DUWZ D'Urville Isla, etc.

ROM 05 22:46:17.4±0.0, 42°68'2N, 0°00'2.13"±192E±0°00'2, h11km, ML2.0/24, 14C-6D, Error ellipse: s-maj=0.2km s-min=0.0km az=60.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like T1218 Civita (PG), T1218 comp=N,4355um,0.8s, T1218 comp=N,9190um,0.2s, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like T1247 comp=N,514um,0.6s, T1215 Vallo di Nera, T1215 comp=E,277um,0.9s, etc.

GS1	Gunungsitoli	52.24 276	P	P	22 57 03.4 +2.4
GS1	Gunungsitoli	52.24 276	P	P	22 57 03.4 +2.4
KCSI	Kotaecane, Aceh	52.43 344	P	P	22 57 03.4 +1.1
USA0B	Ussuriysk Arra	52.43 344	IAMB	IAMB	22 57 06.3
USA0B	Ussuriysk Arra	52.43 344	P	P	22 57 02.9 +1.1
USRK	Ussuriysk Ar.	52.43 344	P	P	22 57 03.4 +1.6
USRK	comp-Z,64nm,0.8s,baz=170,slow=8.4,SNR=66		ScP	ScP	23 02 06.9 +0.9
USRK	comp-Z,1.4nm,0.7s,baz=199,slow=4.0,SNR=1.9		S	S	23 04 23.6 -1.3
USRK	comp-Z,0.8nm,0.6s,baz=170,slow=2.9,SNR=1.0		LR	LR	23 17 14.8
GYA	Guliyang	52.52 310	P	P	22 57 02.7 -0.2
GYA			pP	pP	22 57 16.2 +1.1
GYA			pP	pP	22 58 13.2 +0.2
GYA			SS	SS	23 08 07.2 +1.4
GYA	comp-Z,11nm,1.6s		pmax	pmax	
GYA	comp-Z,2um,14.7s		LR	LR	
GYA	comp-Z,5um,24.1s		LR	LR	
GYA	comp-Z,6um,25.6s		LR	LR	
ENH	Enshi	52.59 316	IAMS_20	IAMS_20	23 16 37.4
ENH	Enshi	52.59 316	P	P	22 57 07.0 +3.7
YSS	Yuzh-Sakhalins	53.11 354	IAMS_20	IAMS_20	23 17 19.2
YSS	comp-Z,20um,22.0s		P	P	22 57 10.1 +3.4
YSS	Yuzh-Sakhalins	53.11 354	P	P	22 57 07.4 +0.7
YSS	Yuzh-Sakhalins	53.11 354	ePP	ePP	22 57 20.7 +1.8
YSS			eS	eS	22 58 18.9
YSS			eS	eS	23 04 32.7 -1.3
YSS			eS	eS	23 04 51.4 -1.0
YSS			pmax	pmax	23 08 14.7 +0.6
YSS	comp-Z,150nm,1.0s		pmax	pmax	
YSS	comp-Z,1um,9.1s		pmax	pmax	
SNY	Shenyang	53.17 336	P	P	22 57 07.6 +0.9
SNY	Shenyang	53.17 336	P	P	22 57 06.1 -1.2
SNY	Shenyang	53.17 336	S	S	23 04 31.8 -3.2
SNY	comp-Z,7.0nm,0.6s		pmax	pmax	
SNY	comp-Z,3um,8.6s		LR	LR	
SNY	comp-Z,5um,17.1s		LR	LR	
SNY	comp-Z,6um,17.6s		LR	LR	
LYN	LuoYang	53.34 322	P	P	22 57 07.5 -1.2
LYN	LuoYang	53.34 322	pP	pP	22 57 22.7 +1.8
LYN	LuoYang	53.34 322	PP	PP	22 59 09.1 -0.3
LYN	LuoYang	53.34 322	S	S	23 04 35.2 -2.4
LYN	comp-Z,17nm,0.6s		pmax	pmax	
LYN	comp-Z,2um,14.1s		LR	LR	
LYN	comp-Z,21um,21.5s		LR	LR	
LYN	comp-Z,12um,22.2s		LR	LR	
MDJ	Mudanjiang	53.49 342	P	P	22 57 09.9 +0.3
MDJ	Mudanjiang	53.49 342	pP	pP	22 57 19.3 -2.6
MDJ	Mudanjiang	53.49 342	sP	sP	22 57 22.8 -4.0
MDJ	Mudanjiang	53.49 342	PcS	PcS	23 02 16.9 +1.8
MDJ	Mudanjiang	53.49 342	S	S	23 04 45.4 +6.0
MDJ	comp-Z,26nm,1.1s		pmax	pmax	
MDJ	comp-Z,3um,11.2s		LR	LR	
MDJ	comp-Z,6um,21.3s		LR	LR	
MDJ	comp-Z,6um,23.5s		LR	LR	
MDJ	comp-Z,12um,22.0s		LR	LR	
MDJ	Mudanjiang	53.49 342	P	P	22 57 12.2 +2.6
MDJ	Mudanjiang	53.49 342	P	P	22 57 10.6 +1.0
XMAS	Kiritimati	53.70 83	P	P	22 57 12.1 +0.4
XMAS	Kiritimati	53.70 83	IAMS_20	IAMS_20	23 18 15.2
XMAS	Kiritimati	53.70 83	P	P	22 57 14.2 +2.5
XMAS	Kiritimati	53.70 83	P	P	22 57 11.9 +0.2
XMAS	Kiritimati	53.70 83	pP	pP	22 57 23.8 -0.1
XMAS	Kiritimati	53.70 83	pP	pP	22 57 16.8 +3.7
HNS	HongShan	53.99 326	P	P	22 57 13.8 +0.4
HNS	HongShan	53.99 326	S	S	23 04 45.2 -1.1
HNS	HongShan	53.99 326	SS	SS	23 08 24.9 +2.0
HNS	comp-Z,66nm,0.9s		pmax	pmax	
HNS	comp-Z,2um,10.8s		LR	LR	
HNS	comp-Z,13um,19.6s		LR	LR	
HNS	comp-Z,15um,19.6s		LR	LR	
CN2	Changchun	54.14 339	P	P	22 57 16.4 +2.0
CN2	Changchun	54.14 339	eP	eP	23 04 47.9 -0.2
CN2	comp-Z,10.0nm,1.0s		pmax	pmax	
CN2	comp-Z,3um,6.0s		LR	LR	
CN2	comp-Z,7um,20.0s		LR	LR	
CN2	comp-Z,8um,20.0s		LR	LR	
CN2	comp-Z,10um,21.0s		LR	LR	
KMI	Kunming	54.93 306	P	P	22 57 19.1 -1.6
KMI	Kunming	54.93 306	pP	pP	22 57 30.1 -2.9
KMI	Kunming	54.93 306	PP	PP	22 59 22.9 -1.2
KMI	Kunming	54.93 306	S	S	23 04 59.4 -0.5
KMI	comp-Z,46nm,1.1s		pmax	pmax	
KMI	comp-Z,2um,33.3s		LR	LR	
KMI	comp-Z,5um,22.7s		LR	LR	
KMI	comp-Z,9um,34.9s		LR	LR	
BJT	Baijiatou	55.12 329	P	P	22 57 25.2 +3.6
BJT	Baijiatou	55.12 329	P	P	22 57 23.9 +2.4
BJT	Baijiatou	55.12 329	P	P	22 57 43.4 +9.3
BJT	Baijiatou	55.12 329	S	S	23 05 02.1 +0.4
BJT	comp-Z,15nm,0.8s		pmax	pmax	
BJT	comp-Z,770nm,11.2s		LR	LR	
BJT	comp-Z,6um,23.1s		LR	LR	
BJT	comp-Z,3um,22.3s		LR	LR	
BJT	comp-Z,10um,25.2s		LR	LR	
BNX	BinXian	55.18 341	P	P	22 57 22.7 +0.8
BNX	BinXian	55.18 341	pP	pP	22 57 38.7 -0.4
BNX	BinXian	55.18 341	eP	eP	22 57 43.4 +9.3
BNX	BinXian	55.18 341	PP	PP	22 59 26.4 +0.7
BNX	BinXian	55.18 341	S	S	23 05 03.6 +1.5
BNX	comp-Z,88nm,1.2s		pmax	pmax	
BNX	comp-Z,2um,9.5s		LR	LR	
BNX	comp-Z,6um,26.6s		LR	LR	
BNX	comp-Z,5um,27.0s		LR	LR	
BNX	comp-Z,16um,28.8s		LR	LR	

XAN	Xi'an	55.26 319	P	P	22 57 23.9 +1.2
XAN	Xi'an	55.26 319	pP	pP	22 57 40.1 +0.1
XAN	Xi'an	55.26 319	S	S	23 04 59.3 -4.4
XAN	comp-Z,16nm,1.3s		pmax	pmax	
XAN	comp-Z,2um,10.5s		LR	LR	
XAN	comp-Z,6um,21.9s		LR	LR	
XAN	comp-Z,5um,22.5s		LR	LR	
XAN	comp-Z,11um,21.3s		LR	LR	
XAN	Xi'an	55.26 319	P	P	22 57 21.1 -1.6
XAN	Xi'an	55.26 319	eP	eP	22 57 23.1 +0.6
XAN	Xi'an	55.26 319	S	S	23 05 04.4 +1.2
XAN	Xi'an	55.26 319	eSS	eSS	23 08 48.0 -0.2
XAN	comp-Z,2um,5.1s		pmax	pmax	
XAN	comp-Z,260nm,1.0s		pmax	pmax	
XAN	comp-E,1um,9.0s		smax	smax	
XAN	comp-N,6um,15.0s		MLR	MLR	
CMAR	Chiang Mai Arr	55.38 297	P	P	22 57 22.9 -0.9
CMAR	Chiang Mai Arr	55.38 297	P	P	22 57 22.9 -0.9
CMAR	comp-Z,4.7nm,1.0s,baz=119,slow=5.6,SNR=16		LR	LR	23 21 52.8
CMAR	comp-Z,2um,20.5s,baz=110,slow=37		P	P	23 27 19.6 -1.0
CMAR	comp-Z,0.9nm,0.3s,baz=262,slow=3.2,SNR=6.4		P	P	22 57 23.1 -0.7
CMAR	comp-Z,6.1nm,0.8s,baz=286,slow=3.4,SNR=9.9		P	P	22 57 43.1 -0.2
CMAR	Chiang Mai Arr	55.38 297	P	P	22 57 23.1 -0.7
CMAR	Chiang Mai Arr	55.38 297	pP	pP	22 57 25.1 +0.7
CMAR	Chiang Mai Arr	55.38 297	S	S	23 05 03.0 -3.8
CMAR	Chiang Mai Arr	55.38 297	SS	SS	23 08 51.0 -1.4
CMAR	comp-Z,2um,10.8s		LR	LR	
CMAR	comp-Z,10um,23.5s		LR	LR	
CMAR	comp-Z,9um,24.5s		LR	LR	
CMAR	comp-Z,20um,24.5s		LR	LR	
CHTO	Chiang Mai	55.51 298	P	P	22 57 23.7 -1.0
CHTO	Chiang Mai	55.51 298	P	P	22 57 23.7 -1.0
PZH	PanZhiHua	56.37 307	P	P	22 57 29.6 -1.3
PZH	PanZhiHua	56.37 307	sP	sP	22 57 48.3 +0.2
PZH	PanZhiHua	56.37 307	PP	PP	22 59 34.6 -2.3
PZH	PanZhiHua	56.37 307	PcS	PcS	23 02 26.8 -1.9
PZH	PanZhiHua	56.37 307	S	S	23 05 16.3 -2.5
PZH	PanZhiHua	56.37 307	sS	sS	23 05 32.5 -0.8
PZH	comp-Z,20nm,0.9s		pmax	pmax	
PZH	comp-Z,1um,12.0s		LR	LR	
PZH	comp-Z,4um,22.5s		LR	LR	
PZH	comp-Z,4um,24.3s		LR	LR	
PZH	comp-Z,9um,26.5s		LR	LR	
SKR	Severo-Kuril's	56.81 5	eP	eP	22 57 35.4 +2.0
SKR	Severo-Kuril's	56.81 5	eS	eS	23 05 24.0 +0.5
SKR	comp-Z,141nm,0.9s		pmax	pmax	
SKR	comp-Z,700nm,8.1s		MLR	MLR	
SKR	comp-Z,5um,20.0s		MLR	MLR	
TYV	Tymovskoe	56.99 355	eP	eP	22 57 36.6 +1.9
TYV	Tymovskoe	56.99 355	eS	eS	23 05 30.5 +4.6
TYV	comp-Z,2um,4.6s		pmax	pmax	
TYV	comp-Z,174nm,1.0s		smax	smax	
TYV	comp-N,2um,8.1s		smax	smax	
TYV	comp-E,1um,8.1s		smax	smax	
CD2	Chengdu	57.03 313	P	P	22 57 37.4 +1.9
CD2	Chengdu	57.03 313	pP	pP	22 58 30.5 +0.3
CD2	Chengdu	57.03 313	PP	PP	22 59 46.1 +3.5
CD2	Chengdu	57.03 313	S	S	23 05 26.8 -0.5
CD2	Chengdu	57.03 313	SS	SS	23 09 20.1 +3.4
CD2	comp-E,50nm,0.9s		pmax	pmax	
CD2	comp-E,2um,10.2s		LR	LR	
CD2	comp-E,1um,16.5s		LR	LR	
CD2	comp-E,1um,22.6s		LR	LR	
CD2	comp-E,8um,23.3s		LR	LR	
KLR	Kul'dur	57.17 346	LR	LR	23 20 29.5
KLR	Kul'dur	57.17 346	eP	eP	22 57 36.1 +0.1
KLR	Kul'dur	57.17 346	eP	eP	22 57 36.1 +0.1
GRNR	Gornyy	57.70 350	P	P	22 57 42.4 +2.7
GRNR	Gornyy	57.70 350	eP	eP	23 05 43.3 +8.0
GRNR	comp-E,7.0nm,1.0s		pmax	pmax	
GRNR	comp-Z,50nm,1.0s		pmax	pmax	
GRNR	comp-N,20nm,1.1s		smax	smax	
GRNR	comp-N,3.0nm,0.9s		MLR	MLR	
GRNR	comp-E,5um,18.0s		MLR	MLR	
XLT	XiLinHaoTe	58.10 332	P	P	22 57 42.4 -0.4
XLT	XiLinHaoTe	58.10 332	pP	pP	22 57 51.9 -3.3
XLT	XiLinHaoTe	58.10 332	SP	SP	22 57 56.4 -3.7
XLT	XiLinHaoTe	58.10 332	PP	PP	22 59 53.3 +3.3
XLT	XiLinHaoTe	58.10 332	S	S	23 05 40.7 -0.3
XLT	XiLinHaoTe	58.10 332	sS	sS	23 05 58.0 +2.4
XLT	XiLinHaoTe	58.10 332	SS	SS	23 09 34.6 +1.4
XLT	comp-E,20nm,1.5s		pmax	pmax	
XLT	comp-E,2um,8.7s		LR	LR	
XLT	comp-E,14um,21.1s		LR	LR	
XLT	comp-E,21um,21.7s		LR	LR	
HHC	Hu-ho-hao-te	58.15 327	eP	eP	22 57 45.9 +2.6
HHC	Hu-ho-hao-te	58.15 327	PP	PP	22 59 55.1 +2.6
HHC	Hu-ho-hao-te	58.15 327	S	S	23 05 45.3 +0.5
HHC	Hu-ho-hao-te	58.15 327	SS	SS	23 08 38.3 +4.1
HHC	comp-E,40nm,1.0s		pmax	pmax	
HHC	comp-E,4um,9.6s		LR	LR	
HHC	comp-E,18um,19.0s		LR	LR	
HHC	comp-E,25um,19.7s		LR	LR	
HHC	comp-E,45um,19.0s		LR	LR	
TNCH	TengChong	58.31 304	P	P	22 57 49.4 +4.7
TNCH	TengChong	58.31 304	pP	pP	22 57 57.5 +0.4
TNCH	TengChong	58.31 304	sP	sP	22 58 01.8 -0.2
TNCH	TengChong	58.31 304	S	S	23 05 45.6 +1.0
TNCH	TengChong	58.31 304	sS	sS	23 06 00.2 +0.8
TNCH	comp-E,11nm,0.4s		pmax	pmax	
TNCH	comp-E,550nm,13.1s		LR	LR	
TNCH	comp-E,1um,19.2s		LR	LR	
TNCH	comp-E,2um,16.4s		LR	LR	
TNCH	comp-E,3um,17.2s		LR	LR	
KIP	Kipapa	58.35 60	IAMS_20	IAMS_20	23 18 14.6
BTO	Baotou	58.84 326	eP	eP	22 57 48.3 +0.3
BTO	Baotou	58.84 326	S	S	23 05 49.5 -1.3
BTO	Baotou	58.84 326	LR	LR	23 20 50.6
BTO	comp-Z,63um,22.1s		LR	LR	

BTO	comp-Z,48um,21.2s		LR	LR	
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Table with columns: CUT, Name, Date, Time, Status, Location, and other details. Includes entries like Chulitna, Port Wells, Palmer, etc.

Table with columns: POKR, Name, Date, Time, Status, Location, and other details. Includes entries like Pokr Plat Res, Coldfoot, Elsie's Array, etc.

Table with columns: Name, Date, Time, Status, Location, and other details. Includes entries like Million Dollar, Somme Creek, Steamboat Moun, etc.

5d 22h

Table with columns for team names (e.g., ELIB, HAWA, ISA), scores, and other statistics. Includes sub-headers like 'comp=Z,54nm,1.1s' and various abbreviations for team types and performance metrics.

2017 MAR

Table with columns for team names (e.g., MAK, MVCO, O20A), scores, and other statistics. Includes sub-headers like 'comp=Z,70nm,1.4s' and various abbreviations for team types and performance metrics.

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Table with columns for team names (e.g., MNK, AKASG, BRTR), scores, and other statistics. Includes sub-headers like 'comp=Z,14um,21.7s' and various abbreviations for team types and performance metrics.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MACC, SDV, SDV, ZAI, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like OK052, OK029, GDL2, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LLLB, AMBA, BRDLA, etc.

VAO 05 23:39:47.2±0.8, 21°68'S; 69°28'W, h184km, mb3.9
IDC 05 23:39:47.9±3.1, 21°76'S; 68°20'W, h121km, 63km, mb3.3/3,
mbmp3.7/4, Error ellipse: s-maj=85.8km s-min=36.7km
az=34.0
SJA 05 23:39:48.3±1.3, 21°55'S; 68°31'W, h100km, MLL3.8, MW3.6,
Hyocentre not reviewed by the ISC
GUC 05 23:39:50.3±0.7, 21°56'S; 68°44'W, h135km, 5km, MLL3.9

ISC 05:23:39:49.0.7, 21.56S, 0.04:68.53W, 0.08, h142km, 6km, n42, c101/56, 13C-1D, Chile-Bolivia border region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
				h m s	h m s	ISC
PB09	IPOC Station P	0.71 250	Op	23 40 11.9	+0.6	Pn
PB09	IPOC Station P	0.71 250	Op	23 40 28.5	+0.6	Pn
PB01	IPOC Station P	1.03 300	Op	23 40 14.0	+0.2	Pn
PB01	IPOC Station P	1.03 300	Op	23 40 32.0	+0.4	Pn
PB01	IPOC Station P	1.03 300	Op	23 40 33.2		Pn
PB01	IPOC Station P	1.03 300	Op	23 40 13.9		Pn
PB01	IPOC Station P	1.03 300	Op	23 40 33.9		Pn
LVC	Limon Verde	1.10 199	Op	23 40 14.6	+0.2	Pn
LVC	Limon Verde	1.10 199	Op	23 40 33.6	+0.6	Pn
LVC	Limon Verde	1.10 199	Op	23 40 14.9	0.0	Pn
LVC	Limon Verde	1.10 199	Op	23 40 34.7		Pn
LVC	Limon Verde	1.10 199	Op	23 40 16.4	+0.6	Pn
PB03	IPOC Station P	1.24 247	Op	23 40 36.2	+0.2	Pn
PB03	IPOC Station P	1.24 247	Op	23 40 37.4		Pn
PB03	IPOC Station P	1.24 247	Op	23 40 16.3		Pn
PB03	IPOC Station P	1.24 247	Op	23 40 36.4		Pn
PB03	IPOC Station P	1.24 247	Op	23 40 39.4		Pn
PB07	IPOC Station P	1.28 262	Op	23 40 16.9	+0.7	Pn
PB07	IPOC Station P	1.28 262	Op	23 40 36.9	+0.3	Pn
PB07	IPOC Station P	1.28 262	Op	23 40 38.4		Pn
PB07	IPOC Station P	1.28 262	Op	23 40 16.0		Pn
PB07	IPOC Station P	1.28 262	Op	23 40 38.7		Pn
PB02	IPOC Station P	1.30 280	Op	23 40 16.9	+0.5	Pn
PB02	IPOC Station P	1.30 280	Op	23 40 37.0	+0.1	Pn
PB02	IPOC Station P	1.30 280	Op	23 40 38.4		Pn
PB02	IPOC Station P	1.30 280	Op	23 40 16.9		Pn
PB02	IPOC Station P	1.30 280	Op	23 40 37.5		Pn
PB02	IPOC Station P	1.30 280	Op	23 40 38.3		Pn
PB06	IPOC Station P	1.50 220	Op	23 40 19.2	+0.7	Pn
PB06	IPOC Station P	1.50 220	Op	23 40 41.5	+0.7	Pn
PB06	IPOC Station P	1.50 220	Op	23 40 42.6		Pn
PB06	IPOC Station P	1.50 220	Op	23 40 19.2		Pn
PB06	IPOC Station P	1.50 220	Op	23 40 41.4		Pn
PB06	IPOC Station P	1.50 220	Op	23 40 42.7		Pn
PB08	IPOC Station P	1.53 337	Op	23 40 19.7	+0.6	Pn
PB08	IPOC Station P	1.53 337	Op	23 40 42.1	+0.4	Pn
PB08	IPOC Station P	1.53 337	Op	23 40 19.8		Pn
PB08	IPOC Station P	1.53 337	Op	23 40 42.4		Pn
PB04	IPOC Station P	1.69 243	Op	23 40 21.2	+0.6	Pn
PB04	IPOC Station P	1.69 243	Op	23 40 44.6	0.0	Pn
PB04	IPOC Station P	1.69 243	Op	23 40 47.4		Pn
PB04	IPOC Station P	1.69 243	Op	23 40 21.2		Pn
PB04	IPOC Station P	1.69 243	Op	23 40 45.2		Pn
PB04	IPOC Station P	1.69 243	Op	23 40 47.5		Pn
TA01	Diego Aracena	1.83 302	Op	23 40 22.2	+0.1	Pn
TA01	Diego Aracena	1.83 302	Op	23 40 46.9	+0.2	Pn
TA01	Diego Aracena	1.83 302	Op	23 40 22.2		Pn
TA01	Diego Aracena	1.83 302	Op	23 40 47.4		Pn
TA01	Diego Aracena	1.83 302	Op	23 40 48.7		Pn
PB15	IPOC Station P	1.86 208	Op	23 40 23.2	+0.6	Pn
PB15	IPOC Station P	1.86 208	Op	23 40 49.2	+1.1	Pn
PB15	IPOC Station P	1.86 208	Op	23 40 23.4		Pn
PB15	IPOC Station P	1.86 208	Op	23 40 49.6		Pn
PB15	IPOC Station P	1.86 208	Op	23 40 51.6		Pn
TA02	Huaiquique	1.97 310	Op	23 40 23.7		Pn
TA02	Huaiquique	1.97 310	Op	23 40 50.5		Pn
TA02	Huaiquique	1.97 310	Op	23 40 51.3		Pn
GO01	Chusmiza	1.98 341	Op	23 40 24.6	+0.3	Pn
GO01	Chusmiza	1.98 341	Op	23 40 51.1	0.0	Pn
GO01	Chusmiza	1.98 341	Op	23 40 54.1		Pn
GO01	Chusmiza	1.98 341	Op	23 40 24.5		Pn
GO01	Chusmiza	1.98 341	Op	23 40 53.0		Pn
GO01	Chusmiza	1.98 341	Op	23 40 25.0	+0.2	Pn
PB11	IPOC Station P	2.08 329	Op	23 40 52.3	+0.3	Pn
PB11	IPOC Station P	2.08 329	Op	23 40 53.1		Pn
PB11	IPOC Station P	2.08 329	Op	23 40 24.0		Pn
PB11	IPOC Station P	2.08 329	Op	23 40 25.0		Pn
PB11	IPOC Station P	2.08 329	Op	23 40 52.5		Pn
PB11	IPOC Station P	2.08 329	Op	23 40 56.8		Pn
PSGC	Pisagua	2.46 322	Op	23 40 29.1	+0.7	Pn
PSGC	Pisagua	2.46 322	Op	23 41 00.1	-0.7	Pn
PSGC	Pisagua	2.46 322	Op	23 41 01.9		Pn
PSGC	Pisagua	2.46 322	Op	23 40 29.1		Pn
PSGC	Pisagua	2.46 322	Op	23 41 00.6		Pn
PSGC	Pisagua	2.46 322	Op	23 41 02.2		Pn
MMMCX	Minye Minye	2.62 337	Op	23 40 31.0		Pn
MMMCX	Minye Minye	2.62 337	Op	23 41 07.4		Pn
PB10	IPOC Station P	2.70 224	Op	23 40 32.8	+0.2	Pn
PB10	IPOC Station P	2.70 224	Op	23 41 07.1		Pn
PB10	IPOC Station P	2.70 224	Op	23 40 32.0		Pn
PB10	IPOC Station P	2.70 224	Op	23 41 05.4		Pn
YJA	Yavi	2.86 103	Op	23 40 35.2		Pn
PB16	IPOC Station P	3.34 344	Op	23 40 41.0		Pn
PB12	IPOC Station P	3.38 330	Op	23 40 40.6		Pn
PB12	IPOC Station P	3.38 330	Op	23 41 20.4		Pn
PB12	IPOC Station P	3.38 330	Op	23 41 26.7		Pn
PB14	IPOC Station P	3.51 209	Op	23 40 43.0		Pn
PB14	IPOC Station P	3.51 209	Op	23 41 32.6		Pn
ASTB	Santa Barbara	4.45 123	Op	23 40 54.0		Pn
ASTB	Santa Barbara	4.45 123	Op	23 41 42.0		Pn
AC01	Pan de Azucar	4.95 202	Op	23 41 00.5		Pn
AC01	Pan de Azucar	4.95 202	Op	23 41 55.4		Pn
AC01	Pan de Azucar	4.95 202	Op	23 42 11.4		Pn
LPAZ	La Paz	5.26 4	Op	23 41 07.6	+0.9	Pn
LPAZ	La Paz	5.26 4	Op	23 42 09.9	+3.0	Pn
AC02	Mariungua	5.28 186	Op	23 41 08.3		Pn
AC02	Mariungua	5.28 186	Op	23 42 14.2		Pn
SALV	Santo Antonio	13.39 67	Op	23 42 58.8	+0.5	Pn
CRSM	Crisiumal (Br)	14.44 117	Op	23 43 09.0	-1.0	Pn
FRBT	Francisco Belt	14.82 110	Op	23 43 13.8	+0.5	Pn
RODS	Rosario do Sul	14.85 129	Op	23 43 16.5	-0.1	Pn
PRDB	Porto dos Gac	15.01 51	Op	23 43 16.5	+0.1	Pn
PTGB	Pitanga	15.46 105	Op	23 43 22.1	+0.7	Pn
ITAB	Concordia	15.96 114	Op	23 43 26.8	0.0	Pn
PCMB	Pacaembu	16.06 93	Op	23 43 28.1	+0.2	Pn
CPSE	Cacapava Do Su	16.16 126	Op	23 43 28.9	0.0	Pn
FRFB	Fartura	17.52 99	Op	23 43 47.9	+1.5	Pn
PET01	Ithahaem-SU	19.75 102	Op	23 44 10.8	-0.6	Pn
MACA	Manacapur-UAM	19.81 24	Op	23 44 07.6	-1.4	Pn
BDFB	Brasilia	20.30 77	Op	23 44 11.4	-3.1	Pn
BDFB	Brasilia	20.30 77	Op	23 44 16.5	-1.4	Pn
ITTB	Itaituba	21.12 38	Op	23 44 21.7	-1.4	Pn
PRPB	Parauapebas	23.70 53	Op	23 44 47.4	-1.1	Pn
SMTB	Santa Maria do	23.78 61	Op	23 44 49.2	0.0	Pn
JANB	Januaria	23.85 78	Op	23 44 50.2	-0.8	Pn
MALB	Monte Alegre	24.01 37	Op	23 44 50.5	+0.7	Pn
SDBA	SAO DESIDERIO	24.33 72	Op	23 44 53.5	-0.7	Pn
BOAV	Boa Vista	25.06 19	Op	23 44 57.4	-3.4	Pn
GUA01	Guaratinga, BA	27.57 85	Op	23 45 23.3	0.0	Pn
TORD	Torodi Ar, Bea	27.74 70	Op	23 51 27.2	0.0	Pn
YKA	Yellowknife Ar	91.36 340	Op	23 52 40.5	+2.0	Pn
YKA	Yellowknife Ar	91.36 340	Op	23 52 40.5	+2.0	Pn
MKAR	Makanchi Array	145.47 36	Op	23 59 10.8	+0.2	Pn

GUC 06:00:16:07.3.0.6, 20.26S, 69.10W, h109km, 2km, ML3.6
 IDC 06:00:16:08.6.1.2, 20.29S, 68.56W, h100km, 17km, mb3.2/2, mbmp3.5/5, Error ellipse: s-maj=52.3km s-min=8.9km az=99.0

ISC 06:00:16:07.2.1.0, 20.26S, 0.03:69.16W, 0.07, h108km, 7km, n21, c1914/39, 6C-3D, Northern Chile

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
				h m s	h m s	ISC
PB08	IPOC Station P	0.12 11	Op	23 40 16.28	+0.1	Pn
PB08	IPOC Station P	0.12 11	Op	23 40 34.3	+0.1	Pn
PB08	IPOC Station P	0.12 11	Op	23 40 16.36		Pn
GO01	Chusmiza	0.59 357	Op	23 40 16.25	0.0	Pn
GO01	Chusmiza	0.59 357	Op	23 40 19.0	+0.5	Pn
GO01	Chusmiza	0.59 357	Op	23 40 16.41		Pn
PB11	IPOC Station P	0.69 317	Op	23 40 16.25	0.0	Pn
PB11	IPOC Station P	0.69 317	Op	23 40 39.5	+0.4	Pn
PB11	IPOC Station P	0.69 317	Op	23 40 16.49		Pn
PB01	IPOC Station P	0.84 202	Op	23 40 16.26	0.0	Pn
PB01	IPOC Station P	0.84 202	Op	23 40 16.41	+0.4	Pn
PB01	IPOC Station P	0.84 202	Op	23 40 16.42		Pn
TA02	Huaiquique	0.92 269	Op	23 40 16.27	0.0	Pn
TA02	Huaiquique	0.92 269	Op	23 40 16.26	+0.1	Pn
TA02	Huaiquique	0.92 269	Op	23 40 16.45		Pn
TA01	Diego Aracena	1.01 252	Op	23 40 16.28	-0.3	Pn
TA01	Diego Aracena	1.01 252	Op	23 40 44.3	+0.1	Pn
PSGC	Pisagua	1.12 306	Op	23 40 16.29	-0.4	Pn
PSGC	Pisagua	1.12 306	Op	23 40 16.47	+0.1	Pn
MMMC	Minye Minye	1.20 340	Op	23 40 16.31	+0.3	Pn
MMMC	Minye Minye	1.20 340	Op	23 40 16.49	+1.2	Pn
MMMC	Minye Minye	1.20 340	Op	23 40 16.50		Pn
PB02	IPOC Station P	1.26 213	Op	23 40 16.31	0.0	Pn
PB02	IPOC Station P	1.26 213	Op	23 40 49.4	+0.1	Pn
PB02	IPOC Station P	1.26 213	Op	23 40 16.50		Pn
PB09	IPOC Station P	1.53 183	Op	23 40 16.34	+0.2	Pn
PB09	IPOC Station P	1.53 183	Op	23 40 16.55	+0.6	Pn
PB09	IPOC Station P	1.53 183	Op	23 40 16.56		Pn
PB07	IPOC Station P	1.61 205	Op	23 40 16.35		

ULHL	baz=22	↑eS	Sb	00 40 14.0	-3.1
NRN	baz=22	3.69 255↑eP	Pn	00 39 25.8	-8.2
NRN	baz=11	↑iS	Sn	00 40 03.7	-1.4

IDC 06 00:41:55.7s.3,1,36:23Nk.71.01E, h166km,25km,mb3.2/7, mltmp3.7/12, Error ellipse: s-maj=27.6km s-min=16.9km az=158.0

NNC 06 00:42:04.5s.1,37:13N.70:87E, h0km,mb3.5,mpv3.3, Error ellipse: s-maj=44.3km s-min=35.5km az=141.0

ISC 06 00:41:59.9.0.7,36:55N.0.07:70.86E.0.07,h188km,n33, α172/38,mb3.5/6,5C-2D,Hindu Kush region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
AML	Almayashu	5.99 21	Op P	00 43 28.2	+1.2
AML	Almayashu	5.99 21	↑P	00 43 28.4	+1.3
AML	Uchtor	6.33 25	P	00 44 32.7	-3.2
EKS2	Erkin-Say	6.50 19	P	00 43 35.5	+2.0
KK31	Karabay Array	6.55 358	↑Pn	00 43 35.7	+1.7
KK31			↑Sn	00 44 44.5	-4.0
AAK	Ala-Archa	6.69 24	P	00 43 37.6	+1.6
AAK	Ala-Archa	6.69 24	P	00 43 37.7	+1.0
AAK			Sn	00 44 51.0	-1.1
KBK	Karagaybulak	6.86 26	P	00 43 40.7	+2.5
TKM2	Tokmak 2	7.33 28	P	00 43 45.5	+1.0
TKM2	Tokmak 2	7.33 28	↑P	00 43 45.1	+0.6
TKM2			↑S	00 45 04.5	-2.8
GEYT	Alibek	10.26 282	P	00 44 21.1	-1.5
GEYT			S	00 46 16.9	-0.6
PYUN	Piutihan	13.27 126	eP	00 45 00.5	-0.8
MKAR	Makanchi Array	13.31 36	P	00 45 01.2	-0.3
DANN	Dangsing	13.61 123	eP	00 45 07.0	+1.3
GKN	Gorkha	14.43 122	eP	00 45 18.0	+0.7
AB31	Akbulak array	14.98 331	↑P	00 45 27.2	+4.1
DMN	Daman	15.00 122	eP	00 45 24.8	+1.0
PKIN	Phulchoki	15.21 122	eP	00 45 27.2	+1.0
PKI	Pulchoki	15.23 122	eP	00 45 26.6	+0.9
GUN	Gumba	15.34 120	eP	00 45 29.2	+1.5
JIRN	Jiri	15.71 120	ePg	00 45 34.0	+2.2
RAMN	Ramite	16.44 121	eP	00 45 39.7	0.0
BVAR	Borovoye Array	16.47 359	P	00 45 40.5	+0.3
AKTO	Aktuybinsk	16.63 330	P	00 45 43.5	+0.8
TAPN	Tapejlung	16.97 118	eP	00 45 47.3	+0.6
ZALV	Zalesovo Beam	19.91 25	P	00 46 16.3	-0.5
FINES	FINES Array B	37.38 326	P	00 48 55.0	+0.9
ARCES	ARCES Array B	41.05 338	P	00 49 25.3	+0.9
NB2	NORSAR Subarra	44.27 323	P	00 49 50.7	+0.3
NOA	NORSAR Array B	44.27 323	P	00 49 50.8	+0.3
TORD	Torodi Ar. Bea	65.61 269	P	00 52 22.5	-1.5
YKA	Yellowknife Ar	81.20 3	P	00 53 54.0	-0.1
WRA	Warramunga Arr	82.11 122	P	00 53 56.5	-3.1

IDC 06 00:55:34.6.4.5,24:69N.122:63E, h71km,41km,mb3.5/9, mltmp3.8/11,ML3.G/1, Error ellipse: s-maj=31.0km s-min=21.7km az=58.0

JMA 06 00:55:39.6.0.2.25 N2.122:7E.0.5, h109km,1km, MV3.5/15,NW OFF ISHIGAKIJIMA IS

TAP 06 00:55:40.1,24:69N.122:70E, h106km,ML4.4.B, ISC 06 00:55:38.4.0.7,24:64N.0.03:122:78E.0.02, h111km,5km, n158, α190/228,mb3.5/8,27C-2D, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
JYNG	Yonagunijimaku	0.24 140	iP	00 55 53.3	+1.3
JYNG			S	00 56 06.9	+1.2
YOJ	Yonaguni jima	0.27 129	P	00 55 55.3	+1.1
YOJ	Yonaguni jima	0.27 129	S	00 55 55.3	+1.3
YOJ	Yonaguni jima	0.27 129	↑iP	00 55 55.5	+1.3
YOJ			S	00 56 06.9	+0.9
EOS2	EOS2	0.54 247	eP	00 55 57.1	+1.7
EOS4	EOS4	0.66 219	eP	00 55 57.6	+1.5
EGS	EGS	0.80 285	eP	00 55 59.9	+2.3
TWB1	Santiao Chiao	0.81 298	P	00 55 58.6	+0.9
TWB1			S	00 56 12.5	+0.1
TWC	Suao	0.84 268	↑iP	00 55 59.3	+1.2
TWC			iS	00 56 12.9	-0.1
IRIF	Iriomote-Funau	0.92 109	iP	00 56 00.4	+1.6
IRIF			S	00 56 15.5	+1.3
TIPB	Shuangxi	0.93 291	↑iP	00 56 00.6	+1.6
EWUT	Wuta	0.93 258	eP	00 56 00.4	+1.4
EWUT			eS	00 56 15.7	+1.3
SX11	Grass Mountain	0.94 299	↑P	00 56 00.5	+1.4
ILA	ilan	0.94 278	eP	00 56 02.2	+3.1
ILA			S	00 56 15.3	+0.6
ENA	Nanau	0.96 258	eP	00 56 00.6	+1.3
ENA			eS	00 56 15.7	+0.6
NDS	Dongshan	0.96 270	eP	00 56 00.8	+1.5
EHP	Heping Village	1.00 251	eP	00 56 01.2	+1.5
NWF	Wu-fen Shan	1.00 296	eP	00 56 01.4	+1.6
NWF			eS	00 56 15.2	-0.8
WFSB	Wu-fen Shan	1.00 296	↑P	00 56 01.5	+1.9

WFSB	baz=289	eS	Sn	00 56 15.7	-0.1	
TWE	Neicheng	1.01 275	↑iP	Pn	00 56 01.4	+1.6
TWE			eS	Sn	00 56 16.2	+0.3
TNOU	National Taiwa	1.05 300	eP	Pn	00 56 01.5	+1.3
FUSB	Fushanzhiwuyua	1.09 277	↑iP	Pn	00 56 02.2	+1.6
FUSB			eS	Sn	00 56 16.9	-0.6
HATJ	Hateruma jima	1.10 121	P	Sn	00 56 02.7	+2.0
ENTT	Nioudou	1.10 271	eP	Pn	00 56 02.7	+2.0
ENTT			eS	Sn	00 56 18.2	+0.6
TWA	MuCha	1.14 288	eP	Pn	00 56 05.0	+3.9
TWA			S	Sn	00 56 18.6	+0.2
LATG	Datong	1.14 265	↑P	Pn	00 56 02.9	+1.6
ETL	Fush Village	1.15 246	eP	Pn	00 56 02.3	+0.9
ETL			eS	Sn	00 56 18.8	+0.1
NWRT	Kuosheng	1.16 299	eP	Pn	00 56 05.1	+3.8
NWRT			eS	Sn	00 56 20.0	+1.3
NWLT	Wulai	1.17 277	eP	Pn	00 56 03.0	+1.5
NHY	Taipei	1.17 290	eP	Pn	00 56 05.5	+4.1
NACB	Ninganchiao	1.17 247	P	Pn	00 56 02.5	+1.0
NACB	Ninganchiao	1.17 247	↑iP	Pn	00 56 02.3	+0.8
NACB			eS	Sn	00 56 19.0	+0.1
PCYT	Pengchiayu	1.18 327	eP	Pn	00 56 03.5	+1.9
JKRS	Kuro-shima	1.19 109	P	Pn	00 56 03.8	+2.1
JKRS			S	Sn	00 56 21.5	+2.1
YMO1	YMO1	1.21 295	eP	Pn	00 56 03.8	+1.8
TWD	Chiawan	1.21 243	↑iP	Pn	00 56 02.8	+0.9
TWD			S	Sn	00 56 19.8	+0.1
YMO8	YMO8	1.21 297	eP	Pn	00 56 03.3	+1.4
TATO	Taipei	1.22 286	eP	Pn	00 56 03.8	+1.8
TAP	Taipei	1.22 290	eP	Pn	00 56 05.4	+3.4
TWY	Chenhua	1.24 301	eP	Pn	00 56 04.2	+2.0
HWA	Hwaiien	1.25 239	eP	Pn	00 56 03.8	+1.4
HWA			eS	Sn	00 56 21.9	+1.4
ETLH	Xiulin Townshi	1.25 250	↑P	Pn	00 56 03.6	+1.1
ETLH			eS	Sn	00 56 21.0	+0.2
ANP	Anpu	1.27 296	eP	Pn	00 56 06.2	+3.6
JJJ	Jishigaki jima	1.27 102	iP	Pn	00 56 04.2	+1.6
JJJ			S	Sn	00 56 21.5	+0.6
YHNB	Yeheng	1.27 272	P	Sn	00 56 04.6	+1.9
YHNB			↑iP	Pn	00 56 04.6	+1.9
YHNB			S	Sn	00 56 21.5	+0.4
NNSB	Datong	1.29 261	↑iP	Pn	00 56 04.2	+1.3
NNSH	Datong	1.29 261	eP	Pn	00 56 04.4	+1.5
NSK	Sanguang	1.29 272	↑iP	Pn	00 56 04.7	+1.8
NSK			S	Sn	00 56 21.9	+0.4
NNS	Nan Shan	1.29 262	eP	Pn	00 56 04.3	+1.4
NNS			S	Sn	00 56 22.3	+0.7
NTST	Danshui	1.32 294	eP	Pn	00 56 07.5	+4.5
NTST			eS	Sn	00 56 22.8	+1.0
TEYL	Yanliu Villag	1.32 235	eP	Pn	00 56 04.2	+1.0
TEYL			eS	Sn	00 56 22.2	+0.3
TWS1	Kuangyinshan	1.32 291	eP	Pn	00 56 07.2	+4.1
TWS1			eS	Sn	00 56 22.5	+0.6
ETM	Tongmen	1.35 241	↑iP	Pn	00 56 04.5	+1.0
JISG	Ishigakijimahi	1.40 92	iP	Pn	00 56 05.7	+1.7
TEGC	Jichi Village	1.46 231	eS	Sn	00 56 24.4	+0.9
WHF	Hehuan Shan	1.46 251	↑iP	Pn	00 56 06.7	+1.5
WHF			eS	Sn	00 56 25.2	-0.4
ESL	Shilin	1.47 237	eP	Pn	00 56 05.9	+1.0
NCUH	Zhongli	1.48 283	eP	Pn	00 56 07.5	+2.5
TWT	Tachien	1.51 256	eP	Pn	00 56 07.8	+2.3
TWT			S	Sn	00 56 27.5	+1.3
NFF	Wufeng Townshi	1.51 270	eP	Pn	00 56 07.5	+2.1
NFF			eS	Sn	00 56 26.4	+0.4
TDCB	Techi	1.52 256	↑iP	Pn	00 56 07.7	+2.0
TDCB			S	Sn	00 56 26.9	+0.5
NJD	Zhudong	1.54 274	eP	Pn	00 56 10.1	+4.4
EGFH	Guangfu	1.56 232	eS	Sn	00 56 27.9	+0.9
CHGB	Renai	1.57 249	↑iP	Pn	00 56 08.1	+1.8
CHGB			S	Sn	00 56 27.9	+0.4
LIOB	Emei	1.60 271	eP	Pn	00 56 08.3	+1.8
LIOB			eS	Sn	00 56 28.9	+1.0
NHW	Xinwu Township	1.61 284	eP	Pn	00 56 09.9	+3.3
NHW			eS	Sn	00 56 29.6	+1.5
NSTT	Nanjiang	1.62 270	eP	Pn	00 56 08.4	+1.8
NSTT			S	Sn	00 56 28.7	+0.5
WUSB	Renai	1.64 247	↑iP	Pn	00 56 08.9	+1.8
WUSB			eS	Sn	00 56 29.2	+0.3
HGSD	Puli	1.68 228	↑iP	Pn	00 56 08.6	+1.1
HGSD			eS	Sn	00 56 30.2	+0.7
WHP	Taichung City	1.71 258	↑P	Pn	00 56 10.4	+2.6
WHP			S	Sn	00 56 31.4	+1.1
VWDT	VWDT	1.73 240	↑iP	Pn	00 56 09.8	+1.8
VWDT			S	Sn	00 56 30.8	+0.2
EHY	Hungye	1.74 230	eP	Pn	00 56 09.2	+0.9
JTJ	Tarama	1.75 89	P	Pn	00 56 10.3	+2.0
JTJ			eS	Sn	00 56 31.9	+0.8
WPL	Puli Township	1.77 250	eP	Pn	00 56 10.7	+2.1

WPL	baz=246	eS	Sn	00 56 33.2	+1.6	
ECBN	Changbin	1.79 223	eP	Pn	00 56 10.0	+1.2
ECBN			eS	Sn	00 56 32.4	+0.6
WCS	Beigang Elemen	1.80 252	eP	Pn	00 56 11.4	+2.5
WCS			eS	Sn	00 56 34.6	+2.5
NMLH	Miaoili	1.81 267	eP	Pn	00 56 11.1	+2.1
NMLH			eS	Sn	00 56 33.9	+1.5
YULB	Yu-li	1.83 228	P	Pn	00 56 10.5	+1.1
YULB			↑iP	Pn	00 56 10.3	+1.0
YULB			eS	Sn	00 56 32.7	-0.2
TWQ1	Liyutan	1.85 262	eP	Pn	00 56 11.3	+1.8
TWQ1			eS	Sn	00 56 33.9	+0.6
EYUL	Yuli	1.85 226	eP	Pn	00 56 11.3	+1.8
NSY	Sanyi	1.85 264	eP	Pn	00 56 11.7	+2.2
NSY			eS	Sn	00 56 34.8	+1.5
TWF1	Yuli	1.86 227	↑iP	Pn	00 56 10.8	+1.1
SSLB	Sunglung	1.87 243	P	Pn	00 56 11.8	+2.0
SSLB			↑P	Pn	00 56 11.4	+1.7
SSLB			S	Sn	00 56 34.5	+0.8
SMLT	Shan Lake	1.87 247	eP	Pn	00 56 12.3	+2.4
SMLT			eS	Sn	00 56 35.2	+1.3
TYC	Yuchr	1.90 248	eP	Pn	00 56 12.4	+2.3
TYC			eS	Sn	00 56 36.0	+1.7
FULB	Fulli	1.97 224	eP	Pn	00 56 12.3	+1.2
TU						

6d 1h

Table with columns: GEYT, ALIBECK ARRAY, AKTYUBINSK, etc. Includes call signs, frequencies, and coordinates.

2017 MAR

Table with columns: SVE, VITOSH, DRGR, NACGM, SURR, etc. Includes call signs, frequencies, and coordinates.

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Table with columns: FINES, ARSA, TKMZ, SOKA, OBKA, PRU, etc. Includes call signs, frequencies, and coordinates.

Table with columns: CPCT, Station Name, Az, El, P, S, Time, Res. Includes stations like Cooper Cave, Double 'B' Far, T59A, etc.

NIC 06 02:20:28.4+0.0, 36:77N:31:78E, h107km, 12km, M12.7/3
DDA 06 02:20:33.2+0.0, 36:50N:31:56E, h68km, 1km, ML2.2

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Antalya-Kepez, Gazipasa, Antalya-Keclisuyu, etc.

Table with columns: Station Name, Az, El, P, S, Time, Res. Includes stations like NATA, Ladik-KONYA, Silifke-Mersin, etc.

MOS 06 02:43:58.4+1.1, 37:00N:73:51E, h81km, mb4.4/24, Error ellipse: s-maj=8.2km s-min=4.4km az=97.9
IDC 06 02:43:59.2+2.6, 36:91N:73:44E, h75km, 23km, mb3.9/23, mbmp4.2/29, MS3.5/7, Error ellipse: s-maj=14.5km s-min=11.4km az=180.0

BUI 06 02:44:00.3+0.0, 37:30N:73:40E, h100km, mb4.7/36, mb4.8/21
NMC 06 02:44:00.9+3.5, 37:36N:72:63E, h0km, mb4.5, mpv4.1, Error ellipse: s-maj=32.0km s-min=17.6km az=138.0

NEIC 06 02:44:00.3+1.4, 37:05N:0:06:73:50E:0.07, h90km, 2km, mb4.4/65, Error ellipse: s-maj=9.0km s-min=7.6km az=194.0

ISC 06 02:44:00.4+0.3, 36:97N:0:03:73:65E:0.03, h100km, n350, r1569/338, mb4.3/78, 27C-10D, Northwestern Kashmir

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KASHI, Chirah Chowk, Garm, etc.

Table with columns: Station Name, Az, El, P, S, Time, Res. Includes stations like KUDL, SOHNA, PITHORAGARH, etc.

n161.01553/182.mb4.4/18, 1C-9D, Southern Chile-Argentina border region											
Code	Station Name	A°	AZ°	Phase	ID	Time	Res	h	m	s	ISC
LL04	Puerto Octay	0.68	218	Op	ISC			02	56	44.8	+0.1
LL04	Puerto Octay	0.68	218	S	Sn			02	57	00.6	-0.5
LL04	Puerto Octay	0.68	218	S	Sn			02	56	44.9	+0.2
LL04	Puerto Octay	0.68	218	S	Sn			02	57	01.1	0.0
LL04	Puerto Octay	0.68	218	S	Sn			02	57	02.3	
comp=N,2j,m,0.7s											
LR03	Panguipulli	0.83	333	Pn	Pn			02	56	46.6	+0.7
LR03	Panguipulli	0.83	333	S	Sn			02	56	47.1	+1.2
LR03	Panguipulli	0.83	333	S	Sn			02	57	03.6	+0.5
LR03	Panguipulli	0.83	333	S	Sn			02	57	10.4	
comp=E,3j,m,0.4s											
GO06	Curarrehue	0.85	21	Pn	Pn			02	56	46.8	+0.6
GO06	Curarrehue	0.85	21	S	Sn			02	57	04.7	+1.1
GO06	Curarrehue	0.85	21	S	Sn			02	56	47.1	+1.0
GO06	Curarrehue	0.85	21	S	Sn			02	57	04.6	+1.1
LL03	Petrohue	0.87	208	Pn	Pn			02	56	46.2	+0.1
LL03	Petrohue	0.87	208	S	Sn			02	57	02.9	-0.7
LL03	Petrohue	0.87	208	S	Sn			02	56	46.3	+0.2
LL03	Petrohue	0.87	208	S	Sn			02	57	04.3	+0.7
LL03	Petrohue	0.87	208	S	Sn			02	57	06.8	
comp=E,4j,m,0.7s											
PLCA	Paso Flores	1.06	110	P	Pn			02	56	48.4	+0.5
comp=E,2j,m,0.5s,baz=292,slo=8.9											
PLCA	Paso Flores	1.06	110	P	Pn			02	57	06.4	-0.2
comp=E,3j,m,0.8s,baz=39,slo=22,SNR=6.7											
LR02	Universidad Au	1.21	298	eP	Pn			02	56	50.2	+1.1
LR02	Universidad Au	1.21	298	S	Sn			02	57	08.8	-0.1
LR04	Corral	1.30	292	S	Sn			02	56	50.8	+0.7
LR04	Corral	1.30	292	S	Sn			02	57	10.1	-0.4
LR04	Corral	1.30	292	S	Sn			02	56	51.2	+1.1
LR04	Corral	1.30	292	S	Sn			02	57	10.2	-0.4
LL05	Los Muermos	1.60	230	Pn	Pn			02	56	52.0	-1.2
LL05	Los Muermos	1.60	230	S	Sn			02	56	52.0	-1.2
LL05	Los Muermos	1.60	230	S	Sn			02	57	14.5	-1.7
LL05	Los Muermos	1.60	230	S	Sn			02	57	17.8	
comp=E,2j,m,0.1s											
LC02	Puerto Saavedr	1.97	323	Pn	Pn			02	56	56.7	-0.8
LC02	Puerto Saavedr	1.97	323	S	Sn			02	56	59.5	+2.0
LC02	Puerto Saavedr	1.97	323	S	Sn			02	56	59.3	-0.3
LL06	Loncomilla	2.27	215	Pn	Pn			02	56	59.4	-1.6
LL06	Loncomilla	2.27	215	S	Sn			02	57	00.2	-0.9
LL06	Loncomilla	2.27	215	S	Sn			02	57	27.3	-2.9
LL06	Loncomilla	2.27	215	S	Sn			02	57	29.6	
comp=N,4j,m,0.2s											
BI04	Isla Mocha	2.51	321	P	Pn			02	57	05.4	+1.3
BI04	Isla Mocha	2.51	321	S	Sn			02	57	34.6	-0.9
LL07	Hotel Espejo d	2.74	206	Pn	Pn			02	57	05.6	-1.3
LL07	Hotel Espejo d	2.74	206	S	Sn			02	57	06.2	-0.7
LL07	Hotel Espejo d	2.74	206	S	Sn			02	57	38.4	-2.2
LL07	Hotel Espejo d	2.74	206	S	Sn			02	57	41.5	
comp=N,2j,m,0.4s											
LL02	Futaleuf	2.81	180	Pn	Pn			02	57	07.2	-0.6
LL02	Futaleuf	2.81	180	S	Sn			02	57	08.1	+0.3
LL02	Futaleuf	2.81	180	S	Sn			02	57	38.6	-3.7
GO07	Milladeco Hill,	3.05	206	Pn	Pn			02	57	09.5	+1.3
GO07	Milladeco Hill,	3.05	206	S	Sn			02	57	10.2	-0.7
GO07	Milladeco Hill,	3.05	206	S	Sn			02	57	44.1	-3.6
BI05	Punta Hualp	3.77	344	Pn	Pn			02	57	19.9	-0.3
BI05	Punta Hualp	3.77	344	S	Sn			02	57	20.7	+0.5
BI05	Punta Hualp	3.77	344	S	Sn			02	58	11.1	+3.3
AY01	Puyuhuaqui	4.08	188	P	Pn			02	57	24.2	0.0
AY01	Puyuhuaqui	4.08	188	S	Sn			02	57	24.6	+0.3
GOY5	Coyhaique	5.20	182	Pn	Pn			02	57	39.6	+0.6
COY5	Huala	5.36	359	Pn	Pn			02	57	40.5	-0.7
BO02	Sierra Bellavi	5.64	18	Pn	Pn			02	57	44.3	-0.8
BO01	Tunca	6.01	6	Pn	Pn			02	57	46.9	-1.7
AY02	Valle Explorad	6.18	189	Pn	Pn			02	57	51.5	-0.6
BO04	La Punta	6.45	9	Pn	Pn			02	57	54.2	-1.7
MT01	Popeta	6.52	4	Pn	Pn			02	57	54.9	-1.9
MT09	Talagante	6.62	6	Pn	Pn			02	57	55.9	-2.4
LMEL	Las Campanas	6.65	12	Pn	Pn			02	57	57.1	+1.3
VA05	Santo Domingo	6.71	2	Pn	Pn			02	57	56.6	-2.7
MT03	Universidad Ad	6.96	9	Pn	Pn			02	58	00.1	-2.6
MT05	Renca	7.03	8	Pn	Pn			02	58	01.1	-2.6
MT02	Curacav	7.13	5	Pn	Pn			02	58	02.1	-2.9
PEL	Pedecue	7.28	8	Pn	Pn			02	58	03.8	-3.3
PC01	El Roble	7.42	5	Pn	Pn			02	58	06.9	-2.1
VA03	San Esteban	7.67	8	Pn	Pn			02	58	09.2	-3.1
VA06	Catapilco	7.81	3	Pn	Pn			02	58	10.7	-3.4
TRQA	Tornquist	8.01	76	Pn	Pn			02	58	16.6	-0.1
GO08	Villa O'Higgin	8.10	183	Pn	Pn			02	58	18.6	+0.8
VA04	Juan Fernandez	8.73	318	Pn	Pn			02	58	25.9	-0.4
CO02	Combarbal	9.19	5	Pn	Pn			02	58	29.9	-2.6
CFA	Coronel Fontan	9.23	20	P	Pn			02	58	30.2	-2.9
comp=N,5j,m,0.3s,baz=191,slo=13,SNR=131											
CFA	Coronel Fontan	9.23	20	P	Pn			03	00	10.2	-5.2
comp=N,16m,0.3s,baz=198,slo=19,SNR=13											
CO06	Fray Jorge	9.66	1	Pn	Pn			02	58	36.4	-2.8
GO04	Tololo Observa	10.22	5	Pn	Pn			02	58	43.5	-2.9
CO01	Juntas del Tor	10.48	8	Pn	Pn			02	58	47.4	-2.5
GO09	Cerro Castillo	10.90	182	Pn	Pn			02	58	54.0	-1.1
MG05	Puerto Natales	11.31	182	Pn	Pn			02	58	59.8	-0.8
LC0	Las Campanas	11.59	9	Pn	Pn			02	59	00.2	-4.1
AC04	El Transilto	11.59	7	Pn	Pn			02	59	00.4	-4.0
AC04	Llanos de Chal	12.16	3	Pn	Pn			02	59	09.1	-2.7
AC02	Mariungua	13.70	10	Pn	Pn			02	59	29.5	-2.5
AC01	Pan de Azucar	14.23	5	Pn	Pn			02	59	36.1	-2.3
MECA	Mercedes	15.74	50	Pn	Pn			02	59	55.4	-1.6
PB14	IPOC Station P	15.75	5	Pn	Pn			02	59	57.7	+0.5
PB14	IPOC Station P	15.75	5	Iamb	Iamb			03	00	01.8	
comp=Z,23nm,0.7s											
IT0B	Itaqui	16.40	54	Pn	Pn			03	00	03.3	-1.9
IT0B	Itaqui	16.40	54	S	Sn			03	00	03.8	-1.4
IT0D	Rosario do Sul	16.85	69	Pn	Pn			03	00	09.2	-1.1
PLVB	Pedras Altas	17.06	65	Pn	Pn			03	00	11.5	-1.1
LVC	Limon Verde	17.89	9	Pn	Pn			03	00	24.1	+0.6
comp=Z,16nm,0.6s,baz=190,slo=7.6,SNR=24											
LVC	Limon Verde	17.89	9	Pn	Pn			03	00	24.1	+0.6
LVC	Limon Verde	17.89	9	S	Sn			03	00	22.9	-0.5
AZCA	Azaras, Argent	17.93	52	Pn	Pn			03	00	21.4	-0.9
CP5B	Cacapava Do Su	17.98	62	Pn	Pn			03	00	21.4	-1.3
PB04	IPOC Station P	18.05	5	Pn	Pn			03	00	24.7	-0.4
PB03	IPOC Station P	18.36	6	Pn	Pn			03	00	28.1	-0.7
PB03	IPOC Station P	18.36	6	Iamb	Iamb			03	00	29.6	
comp=Z,27nm,0.6s											
CPUP	Villa Florida	18.50	45	Pn	Pn			03	00	25.4	-3.0
comp=Z,2.3nm,0.4s,baz=194,slo=9.0,SNR=9.7											
CPUP	Villa Florida	18.50	45	Pn	Pn			03	00	25.6	-2.8
CPUP	Villa Florida	18.50	45	Iamb	Iamb			03	00	34.3	
comp=Z,16nm,0.5s											
CPUP	Villa Florida	18.50	45	Pn	Pn			03	00	27.9	-0.5
ESFA	Esplanillo Form	19.02	40	Pn	Pn			03	00	35.2	-1.1
ALGR	Alto Alegre (B	19.29	59	Pn	Pn			03	00	35.2	-1.8
PB01	IPOC Station P	19.38	7	Pn	Pn			03	00	38.5	+0.5
PB01	IPOC Station P	19.38	7	Iamb	Iamb			03	00	40.7	
comp=Z,17nm,0.8s											
CNBL	Canela	20.42	64	Pn	Pn			03	00	47.4	-1.8
PB11	IPOC Station P	20.64	6	Pn	Pn			03	00	51.2	-0.4
PB11	IPOC Station P	20.64	6	Iamb	Iamb			03	00	59.0	
comp=Z,30nm,0.9s											
ITAB	Concordia										

6d 3h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like GOMU GeErMu, GOMU, DGMT Dagmar, etc.

2017 MAR

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like OJC Ojow, STHS Stebnicka Huta, BISR Biscosa, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like DOB Dobo, OBKA Obir, OBKA Obir, etc.

ROM 06:03:24.33.20.0.1, 43.011N, 0.006E, 13.152E, 0.009, h10km, ML1.0/0.2C, Error ellipse: s-major=0.7km s-min=0.5km az=90.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CSPA Cessapalombo, CSP1, etc.

Table with columns: T1212, S, Sb, 03 24 43.7 -1.2, AML, AML, AML, AML

DDA 06 03:50:30.5-0.0, 37.60N, 38.50E, h11km, ML3.1
ISK 06 03:50:30.8, 37.59N, 38.52E, h5km, ML3.1/14
ISC 06 03:50:30.7, 1.1, 37.58N, 0.03, 38.49E, 0.02, h3km, 10km, n32, r18/50, Turay

Main table for station 305, listing station names, coordinates, and various parameters like Time, Res, ISC, etc.

IDC 06 03:58:02.0-1.6, 0.39S, 129.36E, h0km, mb3.8/5, mbtmp3.9/5, Error ellipse: s-maj=158.5km s-min=19.1km az=68.0

DJA 06 03:58:05.6-0.5, 0.5, 4.13, 13.13, h73km, 27km, M3.9/13, mb4.0/1, MLV3.9/13

ISC 06 03:58:06.3-0.9, 0.35S, 129.53E, 0.06, h35km, n16, z=277/18, mb4.0/4, Halmahera

Table for station 305, listing station names like SWI, LBMI, TMTI, etc., and their respective data.

IDC 06 04:17:00.0-1.8, 0.94N, 125.28E, h0km, mb3.7/3, mbtmp3.8/3, MS3.0/2, Error ellipse: s-maj=192.3km

DJA 06 04:17:03.4-0.4, 1.1, 146.1, 12.6E, h10km, M3.4/6, MLV3.4/6

ISC 06 04:17:04.8-1.1, 1.46N, 126.46E, 0.09, h35km, n10, r149/9, mb3.8/3, Northern Molucca Sea

Table for station 305, listing station names like TMTI, LBMI, SGSI, etc., and their respective data.

JMA 06 04:54:35.4+0.1, 37.7N, 0.2, 141.6E, 0.5, h48km, 1km, MD3.7/40, MV4.0/40, E OFF FUKUSHIMA PREF

JMA 06 04:54:38.1+4.6, 37.57N, 141.49E, h78km, 40km, mb3.4/6, mbtmp3.8/8, ML3.1/2, MS2.6/1, Error ellipse: s-maj=38.2km s-min=17.7km az=59.0

ISC 06 04:54:35.0-1.3, 37.67N, 0.04, 141.61E, 0.07, h45km, 11km, n37, r13/40, mb3.7/6, 10D, Near east coast of eastern Honshu

Table for station 305, listing station names like JMST, JMST, JIKH, etc., and their respective data.

Main table for station 2017 MAR, listing station names like JFK, JMM, JMM, etc., and their respective data.

DJA 06 05:23:14.6-2.6, 11.5, 23.1, 11.9E, 1.0, h10km, M3.9/6, mb4.1/3, MLV3.8/6, South of Sumbawa

Table for station 2017 MAR, listing station names like PLAI, TWSI, SRBI, etc., and their respective data.

NEIC 06 05:26:12.2-2.5, 62.69S, 0.05, 74.4W, 0.2, h12km, 6km, mb4.1/3, ML3.8(GUC), Error ellipse: s-maj=14.3km

GUC 06 05:26:16.9-0.6, 52.69S, 74.08W, h23km, 6km, ML3.8

ISC 06 05:26:11.9-2.3, 52.64S, 0.07, 74.24W, 0.07, h8km, 14km, n33, r15/42, mb4.5/4, 2C, Southern Chile

Table for station 2017 MAR, listing station names like MG05, MG05, MG04, etc., and their respective data.

GO10 Punta Arenas 2.00 106 S 05 26 47.6 +1.6

Table for station 2017 MAR, listing station names like GO10, GO10, GO10, etc., and their respective data.

GO08 Villa O'Higgins 4.32 15 Pn 05 27 22.6 +4.9

Table for station 2017 MAR, listing station names like GO08, GO01, MG01, etc., and their respective data.

VA05 Santo Domingo 19.07 7 P 05 30 34.2 -0.3

Table for station 2017 MAR, listing station names like VA05, RO01, VA03, etc., and their respective data.

CO05 La Serena 22.81 7 P 05 31 13.8 -1.2

Table for station 2017 MAR, listing station names like AC05, AC05, PB10, etc., and their respective data.

Table for station 6d 5h, listing station names like SNA, SNA, GSPA, etc., and their respective data.

HVO 06 05:46:59.2-0.8, 19.18N, 0.03, 155.47W, 0.02, h36km, 3km, ML2.8/35, ML2.9/52(NEIC), Error ellipse: s-maj=4.1km s-min=3.2km az=194.0

NEIC 06 05:46:57.5-0.7, 19.19N, 0.02, 155.48W, 0.01, h44km, 2km, Error ellipse: s-maj=3.3km s-min=1.7km az=188.0

Table for station 6d 5h, listing station names like HT, HPO, KHU, etc., and their respective data.

SDHHI Sand Hill 0.26 41 Pn 05 47 06.0 +0.1

WRMH West Rim 0.27 37 Pn 05 47 06.0 +0.1

RIM Rim 0.28 43 Pn 05 47 06.1 +0.1

RIM comp=N, 1.1um, 1.1s IAML 05 47 13.3

KKO Keanakako'i 0.29 44 IAML Pn 05 47 06.1 +0.1

KKO comp=E, 1.1um, 0.5s IAML 05 47 17.9

NPH North Pit 0.29 40 Pn 05 47 06.1 0.0

UWE Uwekahuna 0.29 37 Pn 05 47 06.2 +0.1

OBL Observatory Ls 0.29 38 IAML Pn 05 47 06.1 +0.1

OBL comp=N, 1.1um, 1.8s IAML 05 47 11.9

UWB Uwekahuna B 0.30 38 Pn 05 47 06.1 -0.1

BYL Byron's Ledge 0.30 42 IAML Pn 05 47 11.7 -0.6

PUH Pauahi 0.30 53 Pn 05 47 06.2 0.0

SBLHI Steaming Bluff 0.31 40 Pn 05 47 06.2 0.0

SBLHI comp=N, 1.1um, 0.3s IAML 05 47 11.6

HATH Halema'uma'u T 0.31 41 Pn 05 47 06.3 0.0

HATH comp=E, 846nm, 0.3s IAML 05 47 11.8

MLH Mauna Loa 0.31 15 Pn 05 47 06.7 +0.3

MLH comp=E, 1.1um, 0.2s IAML 05 47 12.4

MWH Mokuaweowe 0.32 339 Pn 05 47 06.7 -0.1

RSD Rainshed 0.33 34 Pn 05 47 06.5 0.0

KNH Kane Nui o Ham 0.34 57 Pn 05 47 06.7 +0.1

MLOA Mauna Loa Obse 0.36 344 Pn 05 47 07.2 -1.1

MLOA comp=E, 710nm, 0.2s IAML 05 47 12.9

STCH Steam Cracks 0.38 59 Pn 05 47 07.1 +0.1

STCH comp=N, 646nm, 0.6s IAML 05 47 13.0 -0.8

ALEP Alea Permanent 0.39 335 Pn 05 47 07.2 -0.1

NPOC North of Pu'u 0.40 60 Pn 05 47 07.3 +0.1

NPOC comp=E, 670nm, 0.1s IAML 05 47 13.4

JCUZ Jacuzzi 0.40 61 Pn 05 47 07.4 +0.2

JCUZ comp=N, 686nm, 1.0s IAML 05 47 13.4 -0.8

HMH Humu'ula Sheep 0.41 359 Pn 05 47 08.1 +0.5

JOKA Jonika Flow 0.51 61 Pn 05 47 08.4 0.0

JOKA comp=E, 1.1um, 0.1s IAML 05 47 15.2 -1.1

CPH Captain Cook 0.51 305 Pn 05 47 08.5 -0.1

KHLU Kahalu'u U 0.56 315 Pn 05 47 09.3 0.0

KHLU comp=N, 807nm, 0.1s IAML 05 47 16.6 -1.1

POHA Pohakuloa 0.57 354 Pn 05 47 09.6 +0.1

POHA comp=E, 568nm, 0.2s IAML 05 47 19.6

HUH Hualalai 0.60 325 Pn 05 47 10.3 +0.4

HUH comp=N, 609nm, 0.3s IAML 05 47 21.8

HUH comp=N, 807nm, 0.1s IAML 05 47 22.4

HPAH Hawaii Prepara Haleakala 0.86 346 Pn 05 47 13.2 -0.1

HLK 1.72 335 Pn 05 47 24.9 -0.3

WEL 06 05:48:08.9-0.6, 42.3S, 171.4E, h5km, 3km, ML2.3/6, ML2.5/6, MLV2.3/6, Error ellipse: s-maj=0.0km s-min=0.0km az=114.5, confirmed, South Island

Table for station 6d 5h, listing station names like KHZ, KHZ, BSWZ, etc., and their respective data.

IDC 06 05:59:00.6-6.9, 19.21S, 176.48W, h0km, mb4.1/2, mbtmp4.1/2, Error ellipse: s-maj=296.1km

6d 6h

2017 MAR

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, AKASG Malin Array Be.

IDC 06:04:07.0-2.6,54.09N:86.46E,h0km,mbtmp3.0/2, ML2.7/2,Error ellipse:s-maj=21.2km s-min=12.7km az=60.0,Southeastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra.

IDC 06:07:35.6±18.0,22.85S:177.95W,h179km,123km, mb3.4/4,mbtmp3.9/5,Error ellipse:s-maj=214.0km s-min=34.5km az=138.0,South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, ASAR Alice Springs, WRA Warramunga Arr, ILAR Eielson Array, CMAR Chiang Mai Arr.

NNC 06:23:15.4±4.0,53.22N:91.43E,h0km,mb3.9,mpv3.6, Error ellipse:s-maj=30.6km s-min=18.9km az=78.0, Suspected Mining explosion.

IDC 06:23:17.2±3.0,53.51N:90.84E,h0km,mbtmp3.6/4, ML3.0/4,Error ellipse:s-maj=28.9km s-min=22.6km az=45.0

ISC 06:23:13.2±5.3,53.7N:01.91E,0.2,h0km,n11, ±185/14,5C-6D,Southeastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, ZALV Zalesovo Beam, KURK Kurchatov Arr, KURBB Kurchatov Arra, MK31 Makanchi Array, MKAR Makanchi Array, MAZK Makanchi, MAZG Makanchi, SONM Songoing Array, BVAR Borovoye Array, AAK Ala-Archa.

IDC 06:23:59.8±1.6,39.87N:46.36E,h0km,mb3.7/4, mbtmp3.6/7,ML3.0/3,MS3.2/1,Error ellipse:s-maj=24.7km s-min=12.8km az=5.0

AZER 06:24:00.7±0.0,40.24N:46.28E,h10km,Error ellipse:s-maj=0.5km s-min=0.5km az=322.0

TIF 06:24:00.7,40.01N:46.49E,h25km,4km

TEH 06:24:02.3,40.23N:46.32E,h15km,33km,ML3.8

MOS 06:24:02.5±1.5,40.15N:46.44E,h11km,mb4.0/1,Error ellipse:s-maj=8.9km s-min=4.3km az=89.2

NSSP 06:24:02.5,40.17N:46.23E,h10km,Ms3.4

DRS 06:24:03.8±0.0,40.10N:46.12E,h22km

ISC 06:24:02.0±1.0,40.26N:0.001±46.5E,0.01,h7km,8km, n136,±123/221,mb3.7/3,12C-10D,Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GANJ Ganja, AGDM Agdam, BRDA Brd, GDB GEDABAY, GDB GEDABAY, GRS Goris, MNGR Mingechevir, A MNGR Mingechevir, A MNGR Mingechevir, A MNGR Mingechevir.

Table with columns: ZRD, Zardab, SNR=15, 1.02 88 P Pn, 06 24 23.1 +0.3, 06 24 39.6 +2.2, 06 24 23.1 +0.3, 06 24 22.1 -0.2, 06 24 36.5 -0.2, 06 24 22.0 -0.2, 06 24 22.3 -0.4, 06 24 37.1 -0.1, 06 24 22.2 -0.4, 06 24 22.1 -1.1, 06 24 36.8 -0.3, 06 24 22.1 -1.1, 06 24 22.6 -0.4, 06 24 37.7 -0.1, 06 24 22.6 -0.4, 06 24 24.1 -0.2, 06 24 40.7 -0.1, 06 24 24.1 -0.2, 06 24 24.1 -0.2, 06 24 25.9 +0.2, 06 24 42.9, 06 24 50.3, 06 24 25.9 +0.2, 06 24 43.1 +0.2, 06 24 26.4 +0.2, 06 24 43.1 -0.6, 06 24 26.4 +0.2, 06 24 26.2 0.0, 06 24 42.1 -0.8, 06 24 26.3 0.0, 06 24 27.2 0.0, 06 24 44.9 +0.5, 06 24 27.5 0.0, 06 24 46.7 +2.0, 06 24 26.7 -0.8, 06 24 44.2 -1.1, 06 24 26.6 -0.8, 06 24 28.5 -0.1, 06 24 48.3 +1.3, 06 24 28.4 -0.1, 06 24 28.7 +0.1, 06 24 49.8 +2.4, 06 24 29.8 -0.4, 06 24 51.2 +1.0, 06 24 29.9 -0.3, 06 24 32.2 +0.2, 06 24 54.1 +0.6, 06 24 32.0 -0.3, 06 24 54.1 +0.3, 06 24 31.9 -0.3, 06 24 54.3 +0.5, 06 24 31.9 -0.5, 06 24 30.6 -0.8, 06 24 52.9 -0.6, 06 24 30.5 -0.8, 06 24 31.7 +0.2, 06 24 54.5 -0.3, 06 24 31.7 +0.2, 06 24 32.7 -0.6, 06 24 53.3 -0.6, 06 24 36.5 +1.4, 06 25 00.1 +2.6, 06 24 37.4 -0.4, 06 24 57.0 -0.8, 06 24 34.5 +0.2, 06 24 33.9 -1.0, 06 24 34.9 -0.3, 06 24 59.9 +0.2, 06 24 35.0 -0.3, 06 24 35.4 +0.8, 06 24 60.0 -0.3, 06 24 35.3 +0.8, 06 24 36.8 -0.5, 06 24 36.7 -0.5, 06 25 03.1 -0.2, 06 24 36.2 -0.9, 06 24 36.3 -0.9, 06 25 01.3 0.0, 06 24 37.3 -0.1, 06 25 02.9 -0.9, 06 24 39.5 +0.4, 06 25 05.2 +0.9, 06 24 38.0 -0.2, 06 25 05.0 +0.1, 06 24 37.9 -0.2, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.9, 06 24 39.4 +1.1, 06 25 07.0 -0.9, 06 24 40.5 -0.7, 06 24 40.5 -0.7, 06 25 09.7 +1.1, 06 25 10.6 +2.5, 06 24 38.6 +0.4, 06 25 04.4 -0.7, 06 24 36.6 +0.3, 06 25 03.0 -0.6, 06 24 36.5 +0.3, 06 24 38.5 -0.3, 06 25 03.6 -0.4, 06 24 37.2 +0.7, 06 24 37.7 +0.9, 06 24 37.9 +0.7, 06 24 38.5 -1.3, 06 25 06.5 +0.9, 06 24 39.9 0.0, 06 25 06.3 +0.5, 06 24 40.2 -0.4, 06 25 08.9 -0.9, 06 24 40.2 -0.4, 06 24 39.3 +1.1, 06 25 06.9 -0.

Table with columns: GROC, comp=N, 112nm, 0.6s, smax, smax, etc. Includes stations like ONI, ONI, ONI, etc.

AUST 06:06:31.34.6.0.9, 31.50Sx138.63E, h10km, Error ellipse: s-maj=16.5km s-min=9.1km az=74.0

ISC 06:06:31.34.7.0.9, 31.48Sx138.60E, h14km, n12, az=171/16, South Australia

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

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

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

Table with columns: IMDV, Danavand, 3.85 181, Pn, Pn, etc. Includes stations like IMDV, IMHD, IHSB, etc.

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

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

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like H46RU, ZALESOV, etc.

HVO 06:06:47.14.1.1.0, 19.382N:0.008:155.25W:0.02, h1km, 3km, ML2.5/18, ML1.5/42(NEIC), Error ellipse: s-maj=2.2km s-min=1.2km az=97.0

NEIC 06:06:47.15.1.1.0, 19.40N:0.02:155.24W:0.02, h1km, 27km, Error ellipse: s-maj=3.6km s-min=1.5km az=58.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like BYL, BYL, Keanakako'i, etc.

Table with columns: SBLHI, Steaming Bluff, 0.04 312, Pg, IAML, etc. Includes stations like SBLHI, SBLHI, SBLHI, etc.

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

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

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

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

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

WEL 06:06:42.11.8.0.5, 42.3Sx174.4E, h5km, M2.8/10, ML2.9/17, MLv2.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

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

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Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Sabancuy, Fresnillo de T, Malinaltepec, Flores, etc.

IDC 06:27:47.2±2.6, 15.615S; 173.89W, h84km, 24km, mb3.6/9, mbmp4.0/11, MS3.3/3, Error ellipse: s-maj=36.3km s-min=14.5km az=144.0

NEIC 06:27:49.7±1.2, 15.4AS.0; 173.74W.0; 10, h113km, 11km, mb4.4/11, Error ellipse: s-maj=17.4km s-min=13.0km az=191.0

NOU 06:28:10.0, 14.31S; 172.55W, h86km, MLv3.5/4, Samoa Islands region

ISC 06:27:48.7±0.6, 15.465S; 173.80W.0; 09, h100km, n33, f130/29, mb4.1/16, Tonga Islands

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Afiamalu, Takaka Hill, WAKE ISLAND Hy, etc.

NEIC 06:32:13.0±2.3, 18.1S.0; 178.19W.0; 10, h516km, 6km, mb4.6/179, Error ellipse: s-maj=16.0km s-min=13.2km az=166.0

IDC 06:32:14.3±1.1, 18.08S; 178.21W, h536km, 13km, mb4.1/25, mbmp4.9/28, Error ellipse: s-maj=11.3km s-min=9.6km az=165.0

NOU 06:32:15.2, 18.10S; 178.18W, h541km, mb4.8/62, Fiji Islands Region

ISC 06:32:15.2±0.3, 18.14S.0; 175.21W.0; 05, h550km, n705, f092/712, mb4.7/10, 60C-13D, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Tubou, Nonsavu, Futu, YSA, etc.

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Raoul Island, Pines Island, Mont Dzumac, etc.

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Fak Fak, Sorong, Fitzroy Crossi, etc.

VOG	baz=237 Valley Oaks Go	77.58	45	P	P	08 43 15.6 +0.7	L20K	baz=205 Farewell, AK	82.62	11	P	P	08 43 40.3 -0.3	L26K	Log Cabin Wild	85.39	15	P	P	08 43 54.8 +0.5		
R17K	baz=236 Ugashik Creek	77.65	12	P	P	08 43 14.7 0.0	IPM	baz=203 Iloh	82.64	277	I	Amb	I	Amb	08 43 43.6	I21K	Tanana	85.44	11	P	P	08 43 54.4 0.0
EDW2	baz=202 Edwards Air Fo	77.75	47	P	P	08 43 16.5 +0.5	IPM	comp=Z,20nm,0.7s Iloh	82.64	277	P	P	08 43 42.9 +1.1	SURA	baz=205 Suratbani	85.46	281	P	P	08 43 53.3 +2.6		
MONP2	baz=238 Monument Peak	77.82	49	P	P	08 43 16.9 +0.4	TTA	comp=Z,35nm,0.8s Tatalina	82.67	10	P	P	08 43 41.2 +0.3	NEA2	baz=208 Nenana	85.46	12	P	P	08 43 53.4 -1.2		
ISA	baz=239 Isabella, Lake	77.84	46	P	P	08 43 17.1 +0.7	TTA	comp=Z,18nm,1.0s Tatalina	82.67	10	P	P	08 43 41.2 +0.3	K24K	Donnelly Dome	85.47	14	P	P	08 43 54.9 +0.2		
CMB	baz=237 Columbia Colle	77.88	43	P	P	08 43 17.3 +0.7	TTA	comp=Z,19nm,1.1s Tatalina	82.67	10	P	P	08 43 41.2 +0.3	BVCY	baz=211,SNR=5.2 Nakina River	85.53	16	P	P	08 43 55.6 +0.6		
OHAK	baz=204 Old Harbor	77.91	14	P	P	08 43 16.3 +0.2	M22K	baz=207 Willow	82.71	13	P	P	08 43 40.9 -0.1	Q32M	baz=223 Nakina River	85.53	22	P	P	08 43 56.1 +0.8		
IKP	baz=239 In-Ko-Pah, Jac	77.93	50	P	P	08 43 17.0 0.0	M22K	baz=207 Willow	82.71	13	P	P	08 43 40.9 -0.1	MLY	MLY	85.53	11	P	P	08 43 54.0 -1.0		
NPJO	baz=239 Pinon Flats	78.17	49	P	P	08 43 18.1 -0.2	KNK	baz=207 Knik Glacier	82.78	14	P	P	08 43 41.3 -0.1	MLY	comp=Z,12nm,1.2s Manley	85.53	11	P	P	08 43 54.1 -0.9		
TF2	baz=239 Nanjing	78.23	309	eP	P	08 43 20.4 +1.9	PMR	baz=207 Palmer	82.78	14	P	P	08 43 40.1 -1.3	WRH	WRH	85.56	13	P	P	08 43 54.4 -0.5		
NJ2	comp=Z,6.0nm,0.5s Nanjing						PMR	baz=207 Palmer	82.78	14	P	P	08 43 40.1 -1.3	WRH	WRH	85.56	13	P	P	08 43 56.1		
Q17K	baz=202 Contact Creek	78.33	12	P	P	08 43 18.1 -0.4	PMR	comp=Z,12nm,0.6s Palmer	82.78	14	P	P	08 43 41.2 -0.2	MINX	baz=246 Cornudas Mount	85.56	55	P	P	08 43 56.8 +1.0		
MDJ	baz=202 Mudanjiang	78.48	325	P	P	08 43 20.9 +1.4	G08A	baz=208 Pilot Rock	82.88	38	P	P	08 43 42.9 +0.4	NEW	Newport	85.59	36	P	P	08 43 55.7 +0.1		
MDJ	comp=Z,48nm,0.8s Mudanjiang						G08A	baz=208 Pilot Rock	82.88	38	P	P	08 43 42.9 +0.4	NEW	Newport	85.59	36	P	P	08 43 55.5 -0.1		
MDJ	comp=Z,250nm,5.3s Mudanjiang						ANM	comp=Z,23nm,1.3s Nome	83.03	6	P	P	08 43 43.0 +0.4	O30N	baz=210,SNR=5.2 Mendenhall	85.61	19	P	P	08 43 56.4 +1.0		
MDJ	comp=Z,43nm,0.9s Mudanjiang	78.48	325	P	P	08 43 21.1 +1.6	SML	baz=208 Sawmill	83.15	14	P	P	08 43 42.8 -0.5	RIDG	baz=211,SNR=5.2 Independent Ri	85.63	14	P	P	08 43 55.5 +0.1		
CWC	baz=237 Cottonwood Cre	78.53	46	P	P	08 43 20.3 +0.1	DIV	baz=208 Divide	83.17	15	I	Amb	I	Amb	08 43 44.1	RIDG	comp=Z,13nm,1.0s Independent Ri	85.63	14	P	P	08 43 55.7 +0.2
Q16K	baz=237 King Salmon	78.57	11	P	P	08 43 19.3 -0.3	HAWA	comp=Z,20nm,0.8s Hanford	83.18	37	I	Amb	I	Amb	08 43 45.8	H21K	baz=212,SNR=6.1 Melozitna Rive	85.73	10	P	P	08 43 56.0 +0.2
KDAK	baz=201 Kodiak Island	78.58	14	P	P	08 43 19.7 0.0	HEH	comp=Z,22nm,1.2s Heihe	83.21	328	eP	P	08 43 44.3 +0.5	HDA	baz=204 Harding Lake	85.74	13	P	P	08 43 55.4 -0.5		
P16K	comp=Z,21nm,0.8s,ba Nushagak River	78.67	11	P	P	08 43 19.7 -0.4	HEH	comp=Z,13nm,0.8s Heihe						HDA	baz=204 Harding Lake	85.74	13	P	P	08 43 56.3		
BELC	baz=200 Belle Mtn. Jos	78.70	49	P	P	08 43 21.4 +0.2	CUT	comp=Z,27nm,4.3s Chulitna	83.26	13	P	P	08 43 43.0 -0.8	HDA	comp=Z,13nm,0.8s Harding Lake	85.74	13	P	P	08 43 55.5 -0.5		
MPMC	baz=239 Manual Prospec	78.73	46	P	P	08 43 21.9 +0.6	CUT	comp=Z,27nm,4.3s Chulitna	83.26	13	P	P	08 43 43.3 -0.5	DOT	comp=Z,11nm,0.8s Dot Lake	85.74	15	I	Amb	I	Amb	08 43 56.8
Q18K	baz=238 Katmai Hardscr	78.86	12	P	P	08 43 21.3 -0.1	M23K	baz=207 Glacier View	83.28	14	P	P	08 43 43.6 -0.4	CCB	CCB	85.77	13	P	P	08 43 55.3 -0.7		
DSP	baz=202 Deep Springs	79.11	45	P	P	08 43 24.6 +1.6	PPLA	baz=209 Purkeypile	83.32	12	P	P	08 43 43.4 -0.8	CCB	CCB	85.77	13	P	P	08 43 56.2		
O16K	baz=199 Kokwok River B	79.18	10	P	P	08 43 21.9 -0.9	S31K	baz=220 Pelican	83.40	21	P	P	08 43 45.2 +0.7	L27K	comp=Z,25nm,1.1s Beaver Creek,	85.80	16	P	P	08 43 56.4 +0.2		
LCH	baz=199 Last Change Ra	79.25	45	P	P	08 43 25.2 +1.3	SCM	baz=220 Sheep Creek Mo	83.41	14	P	P	08 43 44.2 -0.5	N30M	baz=219 Aishikkik Lake	85.84	18	P	P	08 43 56.3 -0.1		
GRAC	baz=199 Grapevine Rang	79.31	45	P	P	08 43 26.1 +1.9	SCM	baz=220 Sheep Creek Mo	83.41	14	P	P	08 43 44.2 -0.5	IMAR	baz=219 Indian Mountai	85.88	10	P	P	08 43 56.4 -0.1		
GRAC	baz=238 Grapevine Rang	79.31	45	P	P	08 43 25.5 +1.3	SCM	baz=209 Sheep Creek Mo	83.41	14	P	P	08 43 44.2 +0.1	I23K	baz=214 Minto, Yukon-K	85.90	12	P	P	08 43 55.9 -0.7		
GMRC	baz=239 Granite Mounta	79.34	48	P	P	08 43 25.3 +0.8	KLU	baz=211 Klutina	83.45	15	P	P	08 43 45.0 +0.1	I23K	comp=Z,4.8nm,0.6s Minto, Yukon-K	85.90	12	P	P	08 43 56.2 -0.3		
IRM	baz=240 Iron Mountain	79.39	49	P	P	08 43 24.9 +0.3	S32K	baz=211 Killisnoo	83.60	22	P	P	08 43 46.5 +1.0	MDM	MDM	85.96	12	P	P	08 43 56.3 -0.6		
Q19K	baz=240 Cape Douglas,	79.40	13	P	P	08 43 23.7 -0.4	WRAK	baz=217 Wrangell Islan	83.65	24	P	P	08 43 46.5 +0.7	MDM	MDM	85.96	12	P	P	08 43 56.1		
NVAR	baz=204 Mina Array Bea	79.46	44	P	P	08 43 25.8 +0.6	PNL	baz=223 Peninsula	83.72	19	P	P	08 43 46.3 +0.2	TCOL	comp=Z,14nm,1.0s CIGO, UAF Yank	85.96	12	P	P	08 43 56.5 -0.4		
NVAR	comp=Z,3.8nm,0.7s Mina Array Bea						MFID	baz=217 Camas Ranch	83.73	41	P	P	08 43 47.1 +0.4	TCOL	comp=Z,37nm,1.3s CIGO, UAF Yank	85.96	12	P	P	08 43 57.0		
PAHR	baz=226,slow=8.4,SNR=33 Pah Rah Range	79.47	42	P	P	08 43 24.7 -0.5	PINM	baz=216 Pinnacle	83.81	18	P	P	08 43 47.1 +0.4	COLA	comp=Z,37nm,1.3s College	85.96	12	P	P	08 43 56.3 -0.6		
P18K	baz=202 Big Mountain,	79.51	12	P	P	08 43 24.6 -0.1	TNA	baz=216 Tin City	83.81	4	P	P	08 43 46.6 +0.2	COLA	comp=Z,30nm,1.1s College	85.96	12	P	P	08 43 56.4 -0.5		
O17K	baz=202 Koliganek Bris	79.52	11	P	P	08 43 24.1 -0.6	TNA	comp=Z,16nm,0.9s Tin City	83.81	4	P	P	08 43 47.8 +0.5	COLA	comp=Z,37nm,1.3s College	85.96	12	P	P	08 43 57.0		
NV11	baz=200 Mina Array Sit	79.56	44	P	P	08 43 25.8 +0.1	CAST	comp=Z,190,SNR=11 Castle Rocks	83.82	11	P	P	08 43 45.1 -1.4	COLA	comp=Z,30nm,1.1s College	85.96	12	P	P	08 43 56.6 -0.3		
WOT	baz=200 Wildcat Mounta	79.71	46	P	P	08 43 26.7 +0.4	CAST	baz=205 Castle Rocks	83.82	11	P	P	08 43 45.9 -0.7	TX31	TX31	85.96	58	P	P	08 43 58.6 +0.7		
N16K	baz=199 Nishlik Lake	79.90	10	P	P	08 43 27.2 +0.5	VRDI	baz=205 Verde Repeater	83.85	16	I	Amb	I	Amb	08 43 47.9	TX32	comp=Z,14nm,0.9s Lajitas Array	85.96	58	P	P	08 44 00.7
KVN	baz=199 Kaiserville	79.93	43	P	P	08 43 28.6 +1.0	N25K	comp=Z,22nm,1.1s Chitina, Valde	83.87	15	P	P	08 43 47.2 +0.2	TXAR	comp=Z,14nm,0.8s,ba Lajitas Array	85.96	58	P	P	08 43 58.7 +0.9		
O18K	baz=202 Koktuh Hills	79.94	12	P	P	08 43 27.2 +0.3	N25K	comp=Z,24nm,0.8s Chitina, Valde	83.87	15	P	P	08 43 47.2 +0.2	DLBC	baz=221,slow=6.0,SNR=35 Dease Lake	85.97	23	P	P	08 43 59.3 +1.4		
O18K	baz=202 Koktuh Hills	79.94	12	P	P	08 43 26.7 -0.2	N25K	comp=Z,24nm,0.8s Chitina, Valde	83.87	15	P	P	08 43 47.2 +0.2	DLBC	baz=221,slow=6.0,SNR=35 Dease Lake	85.97	23	P	P	08 43 58.0 +0.8		
TPH	baz=202 Tonopah	79.98	44	P	P	08 43 28.4 +0.5	N25K	comp=Z,24nm,0.8s Chitina, Valde	83.87	15	P	P	08 43 47.2 +0.2	DLBC	baz=221,slow=6.0,SNR=35 Dease Lake	85.97	23	P	P	08 43 57.7 +0.5		
TPH	comp=Z,11nm,0.7s Tonopah Spring						SKLT	comp=Z,26nm,0.8s Sontha	83.89	280	P	P	08 43 50.5 +2.5	SCRK	baz=205 Sand Creek	86.04	14	P	P	08 43 56.9 -0.5		
TPNV	baz=208 Topnotch Spring	80.05	46	P	P	08 43 29.3 +1.1	D08A	comp=Z,7.0nm,0.6s Wollman Farm,	83.90	36	I	Amb	I	Amb	08 43 48.8	SCRK	comp=Z,7.2nm,0.9s Sand Creek	86.04	14	P	P	08 43 58.5
MOD	MOD	80.14	40	P	P	08 43 29.4 +0.8	M24K	baz=210 Tolsona, Glenn	83.92	15	P	P	08 43 47.9 +0.8	SCRK	comp=Z,7.2nm,0.9s Sand Creek	86.04	14	P	P	08 43 57.4 0.0		
MOD	MOD	80.14	40	P	P	08 43 30.4	M24K	baz=210 Tolsona, Glenn	83.92	15	P	P	08 43 47.9 +0.3	SCRK	comp=Z,7.2nm,0.9s Sand Creek	86.04	14	P	P	08 43 57.4 0.0		
P19K	comp=Z,9.6nm,0.6s Oil Pt	80.15	13	P	P	08 43 27.6 -0.5	GLB	baz=210 Gilahina Butte	83.94	16	I	Amb	I	Amb	08 43 47.5 +0.3	XLT	comp=Z,14nm,1.2s XilinHaoTe	86.05	319	P	P	08 43 59.0 +1.1
PDMCI	baz=204 Parker Dam,Lak	80.18	49	P	P	08 43 29.6 +0.9	GLB	baz=210 Gilahina Butte	83.94	16	I	Amb	I	Amb	08 43 47.7	XLT	comp=Z,14nm,1.2s XilinHaoTe	86.05	319	P	P	08 43 59.0 +1.1
CN2	baz=202 Changchun	80.32	322	eP	P	08 43 30.1 +0.9	DUG	comp=Z,14nm,0.7s Dugway, Toco	84.01	44	P	P	08 43 48.7 +0.4	IL31	comp=Z,9nm,5.4s IL31	86.07	13	P	P	08 43 56.7 -0.6		
CN2	comp=Z,20nm,1.2s Changchun						RPSI	baz=240 Rantau Prapat	84.06	275	I	Amb	I	Amb	08 43 49.9	IL31	comp=Z,9nm,5.4s IL31	86.07	13	P	P	08 43 57.7
J05D	baz=202 Fort Rock, OR	80.39	38	P	P	08 43 31.1 +1.3	BJI	comp=Z,12nm,0.7s Beijing	84.08	315	P	P	08 43 49.6 +1.2	ILAR	comp=Z,9.9nm,0.7s Eielson Array	86.07	13	P	P	08 43 56.5 -0.9		
BNX	comp=Z,42nm,0.8s BinXian	80.39	325	P	P	08 43 30.5 +0.9	BJI	comp=Z,9.0nm,1.0s Prapat	84.09	275	P	P	08 43 49.5 +0.3	ILAR	comp=Z,9.9nm,0.7s Eielson Array	86.07	13	P	P	08 43 56.5 -0.9		
BNX	comp=Z,42nm,0.8s BinXian						PSI	comp=Z,20nm,0.9s Prapat	84.09	275	P	P	08 43 49.5 +0.3	ILAR	comp=Z,4.4nm,0.5s Eielson Array	86.07	13	P	P	08 43 56.8 -0.7		
O19K	comp=Z,150nm,4.9s Port Alsworth	80.43	12	P	P	08 43 29.2 -0.2	MCAR	baz=213 McCarthy VSAT	84.09	16	P	P	08 43 48.0 +0.1	ILAR	comp=Z,4.4nm,0.5s Eielson Array	86.07	13	P	P	08 43 59.5 +0.9		
O19K	comp=Z,150nm,4.9s Port Alsworth	80.43	12	P	P	08 43 29.3 -0.1	LYN	baz=213 LuoYang	84.12	309	P	P	08 43 50.4 +1.7	H22K	baz=205 Ishlaltina Cre	86.20	11	P	P	08 43 58.1 0.0		
ILSW	baz=203 Iliamna Southw	80.47	12	P	P	08 43 29.5 -0.3	LYN	baz=205 LuoYang	84.12	309	P	P	08 43 50.4 +1.7	M29								

6d 8h

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Flwy, I26K, EGAK, etc.

2017 MAR

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TIXI, ECSD, ZALV, etc.

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Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like GOPC, GORC, MOX, etc.

IDC 06 08:43:27.8:487.0,6571N:39.63E, h0km, Error ellipse: s-maj=297.8km s-min=160.1km az=40.0, Baltic States-Belarus-Northwestern Russia

ASAR Alice Springs 62.70 188 P P 15 50 14.3 -0.9
 0.1nm,0.4s,baz=358,slow=5.1,SNR=5.6
 0.1nm,0.4s

FINES FINES Array B 67.38 332 P P 15 50 43.9 -1.3
 1.0nm,0.3s,baz=356,slow=8.0,SNR=4.2
 1.0nm,0.6s

IDC 06 15:48:28.1±1.2,5.83S;153.68E,h0km,mb3.9/7,
 mbmp4.0/9,ML2.8/2,MS2.6/1,Error ellipse: s-maj=32.1km
 s-min=20.5km az=106.0

NEIC 06 15:48:33.4±0.7,5.79S;0.10±153.7E±0.1,h35km,2km,
 mb4.1/7,Error ellipse: s-maj=24.3km s-min=16.2km
 az=89.0

ISC 06 15:48:33.7±0.8,5.79S;0.07±153.6E±0.1,h35km,n26,
 ±14/28,mb4.0/11,New Ireland region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
RABL	Rabaul	2.15	317	Op	15 49 07.0	-0.1
KRVV	Keravat (AS076	2.17	313	Pn	15 49 07.6	+0.3
15nm,0.3s,baz=82,slow=19,SNR=29						
KRVV				Sn	15 49 34.9	+1.9
36nm,0.3s,baz=127,slow=20,SNR=6.6						
PMG	Port Moresby	7.35	240	Pn	15 50 18.6	0.0
2.9nm,0.3s,baz=72,slow=6.7,SNR=6.3						
PMG				Sn	15 51 43.1	+2.3
0.8nm,0.3s,baz=120,slow=19,SNR=1.9						
PMG				LR	15 52 23.1	
12nm,0.5s						
PMG	Port Moresby	7.35	240	Pn	15 50 18.3	-0.2
CTA	Charters Tower	15.92	206	Pn	15 52 16.9	-1.5
baz=41,slow=12						
DZM	Mont Dzumac	20.39	144	P	15 53 10.7	+3.0
6.1nm,0.8s,baz=303,slow=23,SNR=1.8						
WB0	Warrungarra Arr	23.30	232	P	15 53 38.8	+0.1
WB0				Iamb	15 54 17.0	
comp=Z,5.7nm,1.1s						
WB2	Warrungarra Arr	23.43	231	P	15 53 40.0	0.0
WB2				Iamb	15 54 13.2	
comp=Z,10.0nm,1.4s						
WRA	Warrungarra Arr	23.44	231	P	15 53 38.2	-1.9
comp=Z,2.1nm,0.8s,baz=67,slow=8.2,SNR=14						
WRA				PcP	15 57 26.4	+0.6
comp=Z,0.4nm,0.8s,baz=61,slow=2.2,SNR=1.3						
AS31	Alice Springs	26.00	225	P	15 54 02.9	-0.7
AS31				Iamb	15 54 04.4	
comp=Z,1.0nm,0.7s						
ASAR	Alice Springs	26.00	225	P	15 54 03.1	-0.5
comp=Z,3.2nm,0.8s,baz=50,slow=9.2,SNR=4.5						
ASAR				PcP	15 57 31.7	+0.2
comp=Z,0.2nm,0.5s,baz=54,slow=2.2,SNR=4.8						
ASAR	Alice Springs	26.00	225	P	15 54 02.9	-0.7
H11S3	WAKE ISLAND Hy	27.35	28	T	16 22 34.5	
baz=208,slow=74						
H11S2	WAKE ISLAND Hy	27.36	28	T	16 22 34.7	
baz=208,slow=74						
H11S1	WAKE ISLAND Hy	27.37	28	T	16 22 35.0	
baz=208						
FITZ	Fitzroy Crossi	29.93	243	P	15 54 37.6	-1.1
FORST	Forrest	34.56	221	P	15 55 18.6	-0.5
PETK	Petrovskiy	58.77	3	P	15 58 28.5	+0.4
comp=Z,3.5nm,1.0s,baz=153,slow=9.7,SNR=2.1						
CMAR	Chiang Mai Arr	59.04	295	P	15 58 30.6	-0.1
comp=Z,0.4nm,0.4s,baz=103,slow=5.6,SNR=5.1						
SOMN	Songino Array	67.59	328	P	15 59 27.6	+0.6
comp=Z,0.3nm,0.5s,baz=146,slow=4.0,SNR=3.5						
SOMN	Songino Array	67.59	328	P	15 59 25.7	-1.2
SOMN				Iamb	15 59 28.2	
comp=Z,2.7nm,1.4s						
MKAR	Makanchi Array	81.60	319	P	16 00 47.7	-0.4
comp=Z,1.1nm,0.8s,baz=106,slow=6.1,SNR=7.9						
MKAR	Makanchi Array	81.60	319	P	16 00 47.3	-0.9
ZALV	Zalesovo Beam	82.42	326	P	16 00 51.3	-0.9
comp=Z,1.2nm,0.6s,baz=104,slow=6.3,SNR=6.0						
KURK	Kurchatov	85.05	322	P	16 01 04.8	-0.9
KURK				Iamb	16 01 18.9	
comp=Z,4.7nm,1.1s						
TORD	Torodi Arr, Bea	151.38	287	PKPbc	16 08 24.3	-0.6
comp=Z,1.3nm,0.7s,baz=59,slow=2.5,SNR=7.5						
TORD				PKPbc	16 08 35.3	+0.9
comp=Z,1.4nm,0.8s,baz=45,slow=2.4,SNR=5.7						

ISK 06 15:57:48.1,39°52'N;26°12'E,h14km,ML2.9/10
 THE 06 15:57:49.0,39°53'N;26°14'E,h0km,1km,ML2.8/6,Error
 ellipse: s-maj=1.8km s-min=0.6km az=163.0

DDA 06 15:57:49.0±0.7,39°54'N;26°18'E,h10km,ML2.5
 ATH 06 15:57:49.3,39°48'N;26°13'E,h17km,2km,ML2.8/6,Error
 ellipse: s-maj=3.0km s-min=0.9km az=91.0

ISC 06 15:57:48.6±0.8,39°51'N;02°26'14E±0.02,h14km,5km,
 n41,±0.49/65,Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
KOCA	Canakkale, Ayyv	0.01	194	Op	15 57 51.2	+0.1
KOCA				Sg	15 57 53.0	+0.2
GNPR	Gulpinar-Canak	0.06	187	P	15 57 51.2	-0.2
GNPR				Sg	15 57 53.1	-0.1
PRK	Paraskevi	0.28	159	P	15 57 54.9	+0.3
PRK				S	15 57 59.2	+0.5
comp=Z,0.5s						
PRK	Paraskevi	0.28	159	P	15 57 54.7	+0.1
PRK				S	15 57 58.9	+0.2
PRK				AML	15 57 59.4	
comp=N,12114μm,0.5s						
PRK				AML	15 58 01.1	
BOZC	Bozcaada	0.34	348	Pg	15 57 55.5	0.0
BOZC				Sg	15 58 00.6	+0.4
BOZC				P	15 57 55.6	0.0
BOZC				AML	15 58 00.0	
comp=E,618nm,0.3s						
BOZC				S	15 58 00.5	+0.2
BOZC				AML	15 58 01.0	
comp=E,647nm,0.3s						
EZN	Ezine	0.34	24	P	15 57 55.5	-0.2
EZN				Sg	15 58 00.5	+0.1
comp=E,1μm,0.3s						
EZN	Ezine	0.34	24	Pg	15 57 55.5	-0.2
EZN				Sb	15 58 01.2	-0.6
BAYC	CANAKKALE_Bayr	0.39	54	Pg	15 57 55.8	+0.6
BAYC				AML	15 58 01.0	
comp=E,451nm,0.3s						
BAYC				AML	15 58 01.0	
comp=E,431nm,0.4s						
BAYC				S	15 58 01.1	-0.7
AYVA	Ayvalik	0.47	116	P	15 57 58.0	0.0
AYVA				Sg	15 58 04.1	-0.2
AYVA				AML	15 58 09.0	
comp=E,353nm,0.4s						
GOKA	Canakke-Gk	0.64	23	Pg	15 58 00.9	-0.3
GOKA				Pg	15 58 02.2	-0.1
GOKA				AML	15 58 12.0	
comp=E,619nm,0.4s						
GOKA				AML	15 58 12.0	
comp=E,729nm,0.2s						
GOKA				Sb	15 58 12.3	+0.2
GADA	Gvigeada	0.70	345	Pg	15 58 02.2	-0.1
GADA				Sb	15 58 11.9	-0.2
BUHA	Balikesir, Bur	0.72	91	Pg	15 58 02.6	-0.1
BUHA				S	15 58 12.4	+0.1
BUHA				AML	15 58 18.0	
comp=E,214nm,0.4s						
BUHA				AML	15 58 19.0	
comp=E,163nm,0.4s						
DKL	Dikili	0.74	126	Pg	15 58 04.0	+0.8
DKL				Pb	15 58 05.0	+0.1
LIA	Limos Island	0.83	298	P	15 58 16.6	+0.7
LIA				Sb	15 58 05.0	+0.1
comp=E,992nm,0.4s						
LIA				Sb	15 58 05.0	+0.1
LIA				AML	15 58 18.6	
comp=E,2376μm,0.4s						
LIA				AML	15 58 19.9	
comp=N,1693μm,0.4s						

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CANM	Can-anakkale	0.86	54	Pg	15 58 04.9	-0.4
ZEDA	zmir-Bergama	0.91	127	Pb	15 58 06.5	+0.3
ZEDA				S	15 58 18.3	+0.3
ZEDA				i AML	15 58 20.0	
comp=N,311nm,0.4s						
GELI	Tayfur-Gelibol	0.92	16	Pg	15 58 06.0	-0.3
LPK	Lapseki	0.98	29	Pg	15 58 07.0	+0.2
SMTH	Samothraki Isl	1.07	334	P	15 58 08.7	-0.2
SMTH				S	15 58 23.1	0.0
comp=N,248nm,0.3s						
SMTH	Samothraki Isl	1.07	334	P	15 58 08.6	-0.2
SMTH				AML	15 58 26.0	
comp=N,454μm,0.3s						
SMTH				AML	15 58 26.0	
PSRA	Psara	1.07	205	P	15 58 09.0	+0.1
PSRA				Sb	15 58 21.0	-1.7
comp=E,1977μm,0.4s						
PSRA				AML	15 58 27.9	
comp=N,128μm,0.3s						
CHOS	Chios island	1.13	183	P	15 58 09.2	-0.7
BALY	Baly	1.16	78	P	15 58 09.6	-0.5
BALY				Sb	15 58 25.7	+0.2
BALY				i AML	15 58 26.0	
comp=N,341nm,0.4s						
BALY				AML	15 58 26.0	
comp=N,150nm,0.5s						
ERIK	Erikli-Kesan	1.19	14	Pn	15 58 10.5	-0.3
URLA	Izmir	1.20	163	Pn	15 58 10.6	-0.4
ENEZ	Enez	1.22	0	P	15 58 11.5	+0.2
ENEZ				Sg	15 58 28.9	+0.8
comp=N,1μm,0.6s						
ENEZ				Pn	15 58 11.4	+0.2
STEP	BALIKESIR_Sava	1.23	96	P	15 58 13.1	+0.8
STEP				S	15 58 29.7	+1.4
KRBG	Karabiga-Canak	1.25	45	Pn	15 58 11.5	-0.1
GALY	Galen-Balikesi	1.30	65	Pn	15 58 12.5	+0.2
KNB	Knabalkesi	1.31	54	P	15 58 12.5	+0.1
BALB	Balikesir	1.35	84	Pn	15 58 13.1	+0.1
ALN	Alexandroupoli	1.38	357	P	15 58 13.6	+0.1
ALN				Sb	15 58 32.2	+0.4
comp=N,278nm,0.4s						
ALN	Alexandroupoli	1.38	357	P	15 58 13.8	+0.3
ALN				AML	15 58 31.0	
ALN				AML	15 58 34.0	
comp=E,544μm,0.3s						

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GRA1 Grafenberg Arr, GRF Grafenberg Arr, GRFO Grafenberg, etc.

IDC 06 16:25:39.9.0.5, 1.15N, 126.49E, h0km, mb4.3/23, mbtmp4.3/24, ML4.2/1, Error ellipse: s-maj=22.7km s-min=1.1, 3km az=76.0

DJA 06 16:25:39.4.1.0, 1.1N, 126.49E, h26km, mb4.3/16, mb4.6/6, mb4.5/3, ML4.2/16, Mw(mb)3.7/3

NEIC 06 16:25:39.8.1.8, 1.20N, 0.09E, 126.54E, 0.06, h40km, mb4.6/45, Error ellipse: s-maj=11.9km s-min=7.0km az=206.0

ISC 06 16:25:39.7.0.3, 1.21N, 0.04E, 126.54E, 0.04, h39km, n134, c135/148, mb4.5/47.5, SC-1D, Northern Molucca Sea

Main table of station data for the left column, including stations like TNTI Ternate, LBMI Labuha, SANGI Sangihe, etc.

Main table of station data for the middle column, including stations like BBO Bucklebo, STKA Stephens Creek, STKA Stephens Creek, etc.

0314.00000; 875.00000; 1.175.00000. Principal axes: T 1.9020, Plg13.0000, Azm270.0000; N -0.3420, Plg75.0000; Azm61.0000; P -1.5590, Plg7.0000; Azm178.0000; 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 right column, including stations like MSVF Nonavu, MSVF Urewa, MSVF Nonavu, etc.

IDC 06 16:42:41.2.2.6, 2.85N, 128.19E, h0km, mb3.1/3, mbtmp3.1/3, Error ellipse: s-maj=182.4km s-min=29.2km az=68.0, Halmahera

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

WEL 06 16:48:50.3.1.2, 35.9S, 17.8W, h33km, M3.8/3, ML3.8/9, MLV3.8/3, Error ellipse: s-maj=0.0km s-min=0.0km az=165.8, confirmed, East of North Island

Table with columns: HAZ, Te Kaha, 4.09 232, P, Pn, 16 49 50.6, +0.2, etc.

IDC 06 17:19:44.4, 10.0, 19.02S, 176:16W, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=463.4km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, WRA, Warramunga Arr, 46.54 260, P, Pn, 17 28 13.6, -0.5, etc.

BUI 06 17:30:44.5, 0.0, 60:76N, 168:04E, h21km, mb4.7/64, mb5.2/41, Ms5.1/54, Ms7.4/8/51

KRSC 06 17:30:45.6, 2.3, 60:84N, 167:58E, h18km, 21km, Mc5.4, M5.3

IDC 06 17:30:47.4, 0.4, 60:87N, 167:19E, h0km, mb4.8/43, mbtmp4.8/48, ML4.8/4, MS4.3/83, Error ellipse: s-maj=11.8km

MOS 06 17:30:47.5, 1.0, 60:91N, 167:23E, h14km, mb5.3/129, MS4.7/33, Error ellipse: s-maj=6.3km s-min=3.6km

NEIC 06 17:30:49.9, 2.0, 60:88N, 0:06, 167:2E, 0.1, h17km, 3km, mb5.2/458, Error ellipse: s-maj=9.8km s-min=7.9km

GCMT 06 17:30:49.9, 0.3, 60:91N, 0:03, 167:38E, 0:05, h16km, 1km, MW5.0/82, Moment Tensor Solution, s35,c40, s82,c120

Duration: 0 Moment tensor: Scale 10^10Nm; M12:23.18; Mw:0.64, 12; Mw:1.59, 12; Mw:3.44, 57; Mw:1.35, 07; Mw:2.04, 38; Best double couple: M=4.66600x10^16

NP1:236.00000, 875.00000, 102.00000. NP2: 0.5150000, 819.00000, 151.00000. Principal axes: T 4.6830, Plg58.0000, Azm162.0000; N -0.0330, Plg12.0000, Azm53.0000; P -4.6490, Plg29.0000, Azm316.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 06 17:30:57.2, 60:73N, 165:63E, h33km, mb5.4, Ms4.4

ISC 06 17:30:50.1, 0.0, 60:87N, 0:03, 167:26E, 0:03, h19km, 1km, h19km, p-P, n1390, e154/1430, mb5.2/380, MS4.5/120, 46C-28D, Eastern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, TILK, TILchiki, 0.70 233, P, Pn, 17 31 01.5, -2.1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, TILK, TILchiki, 0.70 233, S, Sb, 17 31 01.5, -2.1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, KMSK, Kamenskaya, 1.68 343, P, Pn, 17 31 17.3, -1.1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, OSSR, Ossora, 2.66 234, P, Pn, 17 31 30.6, -1.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, PALN, Palana, 4.08 247, P, Pn, 17 31 51.2, -0.2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, KBTB, Krutoberegovo, 5.22 208, P, Pn, 17 32 07.1, 0.0, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, SMKR, Semkarok, 5.25 218, P, Pn, 17 32 08.6, +1.0, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, SRKR, Sorokina, 5.29 220, P, Pn, 17 32 09.3, +1.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, BKI, Bering, 5.72 187, P, Pn, 17 32 13.5, -0.5, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, KLY, Klyuchi, 5.73 220, P, Pn, 17 32 14.7, +0.7, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, KMN, Kamenistaya, 6.32 219, P, Pn, 17 32 24.8, +2.5, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, TUMR, Tumrok D, 6.75 216, P, Pn, 17 32 31.4, +3.4, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, TUMR, Tumrok, 6.75 217, P, Pn, 17 32 31.5, +3.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, BILL, Bilibino, 7.21 357, P, Pn, 17 32 34.2, -0.1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, SEY, Seymchan, 7.32 293, P, Pn, 17 32 35.6, -0.2, etc.

Table with columns: OKH, comp=E,1um,14.0s, MLR, MLR, 15.18 111, Pn, IAmb, 17 34 24.0, +0.8, etc.

Table with columns: NIKH, Nikolski High, 15.18 111, P, Pn, 17 34 22.4, -0.7, etc.

Table with columns: UNV, Unalaska Valle, 15.72 105, P, Pn, 17 34 29.0, -1.2, etc.

Table with columns: AKUT, Akutan, 15.90 103, P, Pn, 17 34 31.9, -0.6, etc.

Table with columns: NKL, comp=N,63nm,1.4s, pmax, pmax, 16.62 98, P, Pn, 17 34 41.2, -0.4, etc.

Table with columns: NKL, comp=N,4um,13.0s, MLR, MLR, 16.62 98, P, Pn, 17 34 46.8, etc.

Table with columns: N16K, Nishlik Lake, 16.54 76, P, Pn, 17 34 39.0, -1.8, etc.

Table with columns: FALS, False Pass, 16.62 98, P, Pn, 17 34 39.7, -2.0, etc.

Table with columns: GCSA, Galena City Sc, 16.68 61, P, Pn, 17 34 40.5, -1.9, etc.

Table with columns: S12K, Black Hills, 16.83 94, P, Pn, 17 34 43.0, -1.4, etc.

Table with columns: TYV, Tymovskoe, 16.95 245, eP, S, 17 34 47.2, -0.6, etc.

Table with columns: TYV, comp=Z,400nm,4.4s, pmax, pmax, 17.13 79, P, Pn, 17 34 46.4, -1.7, etc.

Table with columns: TTA, Talatina, 17.27 67, P, Pn, 17 34 50.7, -0.6, etc.

Table with columns: TTA, Talatina, 17.27 67, P, Pn, 17 34 47.6, -2.3, etc.

Table with columns: P16K, Nushagak River, 17.38 81, P, Pn, 17 34 48.7, -2.5, etc.

Table with columns: O17K, Koliganek Bris, 17.55 78, P, Pn, 17 34 51.3, -2.0, etc.

Table with columns: A21K, Barrow, 17.64 39, P, Pn, 17 34 51.6, -2.7, etc.

Table with columns: SDPT, Sand Point, 17.79 94, P, Pn, 17 34 54.4, -1.8, etc.

Table with columns: YAK, Yakutsk, 17.84 290, P, Pn, 17 34 57.1, +0.2, etc.

Table with columns: YAK, comp=Z,3.1nm,0.3s,baz=68,slow=1.7,SNR=1.8, 17.84 290, eP, S, 17 38 21.8, +0.4, etc.

Table with columns: YAK, comp=Z,442nm,18.3s,baz=86,slow=42, 17.84 290, P, Pn, 17 34 55.8, -1.1, etc.

Table with columns: YAK, comp=Z,91nm,1.6s, pmax, pmax, 17.84 290, eP, S, 17 38 15.3, +0.3, etc.

Table with columns: YAK, comp=N,22nm,1.3s, pmax, pmax, 17.84 290, P, Pn, 17 34 55.5, -2.7, etc.

Table with columns: I21K, Tanana, 18.73 59, P, P, 17 35 06.2, -1.0, etc.

Table with columns: O19K, Port Alsworth, 18.73 75, P, P, 17 35 07.4, +0.1, etc.

Table with columns: CHUM, Lake Minchumina, 18.75 63, P, P, 17 35 07.7, +0.2, etc.

Table with columns: M20K, Styx River, 18.80 70, P, Pn, 17 35 08.9, +0.1, etc.

Table with columns: G22K, Bettles, 18.82 54, P, P, 17 35 08.1, -0.1, etc.

Table with columns: H22K, Ishlitalina Cre, 18.91 57, P, P, 17 35 08.7, -0.6, etc.

Table with columns: CAST, Castle Rocks, 18.93 65, P, Pn, 17 35 10.4, +0.1, etc.

Table with columns: CAST, Castle Rocks, 18.93 65, P, P, 17 35 09.9, +0.3, etc.

Table with columns: Q18K, Katmai Hardscr, 18.96 80, P, P, 17 35 09.3, -0.6, etc.

Table with columns: PPLA, Purkeypile, 18.99 66, P, Pn, 17 35 11.3, +0.2, etc.

Table with columns: PPLA, Purkeypile, 18.99 66, P, P, 17 35 10.2, -0.1, etc.

Table with columns: D23K, Nanushuk River, 19.18 47, P, Pn, 17 35 13.2, 0.0, etc.

Table with columns: MLY, Manly, 19.27 59, P, Pn, 17 35 14.0, -0.2, etc.

Table with columns: MLY, Manly, 19.27 59, P, Pn, 17 35 13.8, -0.5, etc.

Table with columns: BPAW, Bear Paw Mtn, 19.29 62, P, Pn, 17 35 14.5, -0.1, etc.

Table with columns: BPAW, Bear Paw Mtn, 19.29 62, P, Pn, 17 35 15.1, +0.5, etc.

Table with columns: COLD, Coldfoot, 19.32 53, P, Pn, 17 35 14.4, -0.5, etc.

Table with columns: COLD, Coldfoot, 19.32 53, P, Pn, 17 35 15.3, +0.4, etc.

Table with columns: ILSW, Iliamna Southw, 19.36 75, P, Pn, 17 35 15.2, -0.3, etc.

Table with columns: ILSW, Iliamna Southw, 19.36 75, P, Pn, 17 35 25.8, etc.

Table with columns: RSO, Redoubt South, 19.39 74, P, Pn, 17 35 16.1, +0.3, etc.

Table with columns: G23K, Bananza Creek, 19.41 54, P, Pn, 17 35 16.1, +0.1, etc.

Table with columns: SPCR, Spurr Chachaka, 19.41 71, P, Pn, 17 35 15.9, -0.2, etc.

Table with columns: KTH, Kantishina Hill, 19.42 64, P, Pn, 17 35 15.9, -0.2, etc.

ABTX	Abilene, Hawle	63.53	70	P	P	17 41 17.3	-1.7
	baz=327						
ABTX	Lake Ozonia	63.54	45	P	P	17 41 16.9	-1.9
	baz=301						
T42A	Van Bluren	63.64	61	P	P	17 41 19.1	-0.4
	baz=328						
O49A	Covington	63.75	54	P	P	17 41 19.9	-0.3
	baz=329						
O49A				P	P	17 41 19.9	-0.3
	baz=329						
ERPA	Erie	63.77	50	P	P	17 41 19.0	-1.3
	baz=330						
ERPA	Erie	63.77	50	P	P	17 41 18.6	-1.8
	baz=330						
AKASG	Malin Array Be	63.79	332	P	P	17 41 19.9	-0.3
	comp=Z,28nm,0.9s,baz=24,slow=6.4,SNR=26						
AKASG				LR	LR	18 12 38.0	
	comp=Z,363nm,20.2s,baz=18,slow=39						
	comp=Z,28nm,0.9s						
AKASG	Malin Array Be	63.79	332	P	Iamb	17 41 19.2	-1.1
	comp=Z,14nm,1.2s						
AKASG				P	P	17 41 24.3	
	comp=Z,14nm,1.2s						
AKASG	Malin Array Be	63.79	332	P	P	17 41 19.2	-1.1
	comp=Z,14nm,1.2s						
AKASG				P	P	17 41 19.9	-1.0
	comp=Z,14nm,1.2s						
AKBB	Malin Array Si	63.79	332	P	P	17 41 19.6	-0.7
	comp=Z,14nm,1.2s						
AKBB	Malin Array Si	63.79	332	P	P	17 41 19.9	-0.4
	comp=Z,14nm,1.2s						
AKBB				P	P	17 41 19.9	-0.4
	comp=Z,14nm,1.2s						
X37A	Clayton	63.83	66	P	Iamb	17 41 21.1	+0.3
	comp=Z,51nm,1.0s						
X37A				P	Iamb	17 41 29.6	
	comp=Z,43nm,1.6s						
PQI	Presque Isle	63.87	39	P	P	17 41 19.9	-1.0
	comp=Z,14nm,1.2s						
AK05	Malin Array Si	63.87	332	P	P	17 41 19.9	-1.0
	comp=Z,14nm,1.2s						
EKA	Exkaldemuir Ar	63.89	354	P	P	17 41 21.4	+0.5
	comp=Z,19nm,0.9s,baz=14,slow=6.1,SNR=17						
EKA				LR	LR	18 07 46.5	
	comp=Z,19nm,0.9s,baz=17,slow=55						
BATG	Bathurst New B	63.91	37	P	Iamb	17 41 20.7	-0.6
	comp=Z,23nm,1.0s						
BATG				P	Iamb	17 41 26.3	
	comp=Z,23nm,1.0s						
WVNY	West Valley, N	64.03	49	P	P	17 41 21.7	-0.4
	comp=Z,330						
M53A	W Miller and	64.10	51	P	P	17 41 22.3	-0.2
	comp=Z,330						
M53A	W Miller and	64.10	51	P	P	17 41 21.2	-1.4
	comp=Z,330						
PBMO	Poplar Bluff	64.14	61	P	P	17 41 22.6	-0.2
	comp=Z,328						
PBMO	Poplar Bluff	64.14	61	P	P	17 41 22.6	-0.2
	comp=Z,328						
P49A	Miami Univ. Ec	64.16	55	P	P	17 41 22.3	-0.7
	comp=Z,329,SNR=7.9						
P49A	Miami Univ. Ec	64.16	55	P	P	17 41 21.6	-1.4
	comp=Z,329,SNR=7.9						
P49A	Miami Univ. Ec	64.16	55	P	P	17 41 22.4	-0.5
	comp=Z,329,SNR=7.9						
FCAR	Ozark Folk Cen	64.16	62	P	P	17 41 22.2	-0.8
	comp=Z,329,SNR=7.9						
KBL	Kabul	64.25	295	Iamb	Iamb	17 41 22.2	-1.7
	comp=Z,12nm,1.1s						
KBL	Kabul	64.25	295	P	P	17 41 22.2	-1.7
	comp=Z,12nm,1.1s						
	comp=Z,12nm,1.1s						
ACSO	Alum Creek Sta	64.25	53	P	Iamb	17 41 22.9	-0.6
	comp=Z,26nm,1.1s						
ACSO	Alum Creek Sta	64.25	53	P	P	17 41 21.2	-2.3
	comp=Z,26nm,1.1s						
ACSO	Alum Creek Sta	64.25	53	P	P	17 41 23.2	-0.3
	comp=Z,26nm,1.1s						
USIN	University of	64.30	58	P	P	17 41 23.3	-0.5
	comp=Z,19nm,0.5s						
FW07	Weatherford	64.32	69	P	Iamb	17 41 24.5	+0.4
	comp=Z,19nm,0.5s						
TX31	Lajitas Ar. Si	64.40	75	P	P	17 41 24.8	-0.1
	comp=Z,327,SNR=8.7						
TX31	Lajitas Ar. Si	64.40	75	P	P	17 41 26.0	+1.2
	comp=Z,327,SNR=8.7						
TX32	Lajitas Array	64.40	75	P	Iamb	17 41 24.8	-0.1
	comp=Z,20nm,1.4s						
TXAR	Lajitas Array	64.41	75	P	P	17 41 25.3	+0.5
	comp=Z,3.8nm,1.0s,baz=305,slow=4.4,SNR=19						
TXAR				LR	LR	18 09 27.8	
	comp=Z,247nm,18.7s,baz=335,slow=36						
	comp=Z,3.8nm,1.0s						
TXAR	Lajitas Array	64.41	75	P	P	17 41 24.9	+0.1
	comp=Z,3.8nm,1.0s						
LCAR	Lake Charles	64.43	62	P	P	17 41 23.6	-1.1
	comp=Z,3.8nm,1.0s						
PARMO	Parma	64.53	60	P	P	17 41 25.1	-0.2
	comp=Z,3.8nm,1.0s						
WHAR	Woolly Hollow	64.60	63	P	P	17 41 25.4	-0.4
	comp=Z,3.8nm,1.0s						
WCI	Wyandotte Cave	64.64	57	P	Iamb	17 41 25.7	-0.4
	comp=Z,14nm,0.8s						
WCI	Wyandotte Cave	64.64	57	P	Iamb	17 41 32.3	
	comp=Z,14nm,0.8s						
SORM	Soroca	66.39	331	P	P	17 41 25.7	-0.4
	comp=Z,14nm,0.8s						
WCI	Wyandotte Cave	64.64	57	P	P	17 41 23.8	-2.2
	comp=Z,14nm,0.8s						
WCI	Wyandotte Cave	64.64	57	P	P	17 41 23.8	-2.2
	comp=Z,14nm,0.8s						
L56A	Greenwood	64.65	48	P	P	17 41 25.4	-0.8
	comp=Z,331						
L56A				P	P	17 41 25.4	-0.8
	comp=Z,331						
MIAR	Mount Ida	64.66	64	P	Iamb	17 41 26.0	-0.3
	comp=Z,28nm,1.1s						
MIAR	Mount Ida	64.66	64	P	Iamb	17 41 27.7	
	comp=Z,28nm,1.1s						
MIAR	Mount Ida	64.66	64	P	P	17 41 26.0	-0.3
	comp=Z,28nm,1.1s						
MIAR	Mount Ida	64.66	64	P	P	17 41 24.1	-2.2
	comp=Z,28nm,1.1s						
MIAR	Mount Ida	64.66	64	P	P	17 41 26.7	+0.4
	comp=Z,28nm,1.1s						
PKME	Peaks-Kenny Pk	64.72	41	P	P	17 41 25.0	-1.5
	comp=Z,331						
LBNH	Lisbon	64.77	43	P	P	17 41 23.6	-3.3
	comp=Z,331						
O52A	Adamsville	64.79	52	P	P	17 41 26.7	-0.4
	comp=Z,330						
O52A				P	P	17 41 26.7	-0.4
	comp=Z,330						
O53A	New Philadelph	64.92	52	P	P	17 41 27.5	-0.4
	comp=Z,35nm,0.9s						
O53A				P	P	17 41 32.6	
	comp=Z,35nm,0.9s						
O53A	New Philadelph	64.92	52	P	P	17 41 24.4	-3.5
	comp=Z,35nm,0.9s						
UALR	University of	65.01	63	P	Iamb	17 41 28.4	-0.1
	comp=Z,17nm,1.1s						
UALR				P	Iamb	17 41 34.0	
	comp=Z,17nm,1.1s						
X40A	Basin Creek Fa	65.03	64	P	P	17 41 28.3	-0.4
	comp=Z,328,SNR=8.9						
X40A	Basin Creek Fa	65.03	64	P	P	17 41 28.1	-0.7
	comp=Z,328,SNR=8.9						
X40A				P	P	17 41 28.1	-0.7
	comp=Z,328,SNR=8.9						
WHTX	Lake Whitney,	65.07	69	P	P	17 41 26.7	-2.2
	comp=Z,328						
Z38A	M. Pleasant	65.12	66	P	P	17 41 29.7	+0.4
	comp=Z,328						
Q51A	Peebles	65.14	54	P	P	17 41 29.4	0.0
	comp=Z,330						
Q51A				P	P	17 41 29.4	0.0
	comp=Z,330						
BINY	Binghamton	65.17	47	P	P	17 41 25.6	-3.9
	comp=Z,331						
BINY	Binghamton	65.17	47	P	P	17 41 28.4	-1.1
	comp=Z,331						
UTMT	University of	65.17	60	P	P	17 41 29.6	0.0
	comp=Z,331						
JCT	Junction City	65.26	72	P	Iamb	17 41 30.2	-0.1
	comp=Z,20nm,1.1s						
JCT	Junction City	65.26	72	P	Iamb	17 41 30.2	-0.1
	comp=Z,20nm,1.1s						
JCT	Junction City	65.26	72	P	P	17 41 28.2	-2.1
	comp=Z,20nm,1.1s						
HALT	Halls	65.34	30	P	P	17 41 30.6	-0.1
	comp=Z,328						
RETH	Rethem/Aller,	65.37	345	eP	P	17 41 34.1	+3.5
	comp=Z,29nm,1.1s,baz=13,slow=6.3						
R50A	Paris	65.39	55	P	P	17 41 31.0	+0.1
	comp=Z,329,SNR=7.9						
R50A				P	P	17 41 31.0	+0.1
	comp=Z,329,SNR=7.9						
HPIG		65.46	79	P	Iamb	17 41 31.9	+0.1

Table with columns: KHC, Kasperse Hory, 68.31 342, i P, P, 17.41 49.7 +0.2. Includes rows for KHC, 49A, RCHB, PSZ, MODS, T57A, CKRC, DOU, GHRH, GE2C, GERES, V55A, WLF, BG3, SRO, LRAL, CJR, OZUR, VRI, DRGR, PLOR, MARR, GNI, GNI, GNI, TLCR, COVR, CONA, DOPR, KARS, FAKI, CFR, RONA, TOL2, KMSC, Y52A, Z51A, NEHR, MLR, MLR, MOA, MOA, NAX, V58A, U59A, SIRR, VOIR, BIOD, HODGE, RJOB, W57A, W57A, ARSA, BFO, BFO.

Table with columns: BFO, Black Forest, 69.83 345, eP, P, 17.42 01.5 +2.7. Includes rows for ARR, KTUT, LOTR, SURR, JSC, BIRD, GZR, UBR, BZS, MORH, HNR, RETA, KBA, WATA, WATA, MOTA, WTAA, SOKA, ZAIG, KOPF, SQT, CNNC, X58A, X58A, OBKA, MYKA, FETA, HERR, ABTA, COPA, PRED, DJES, CLUD, MDRV, DAVOX, DAVOX, GEVA, CIMO, CIOMO, FUMO, GURO, TOKA, SBUM, ILGA, TIGA, TIGA, SSF, PLVB, SRIT, PMG, PMG, PMG, DIVS, TEOL, VTS, VTS, VTS, BR131, BR131, BR131, BRTR, BRTR, ANTO, ANTO, ANTO, ANTO, BNN, SSB, SSB, BORA, BORA, SKO, CAF, STIP, LFF.

Table with columns: GAZ, Gaziantep, 74.14 321, P, Iamb, P, 17.42 25.7 +0.7. Includes rows for VAY, HYB, BALB, CESH, FNA, FNA, INTR, KAPI, LIT, LIT, LHM, AFI, AGG, TIP, UOSS, PVRL, MVO, ITM, ITM, MMAL, WSAR, PVIS, MTE, CMIG, IDI, IDI, PCAS, VAE, ESBB, PCBR, ESCD, ESCD, PAB, PAB, PAB, PMTG, PESTR, PESTR, PESTR, EVO, EVO, PBAR, PBAR, PNCH, PBEJ, PCVE, EIL, PALK, KEST, KEST, KEST, CTA, CTA, CTA, WRAB, WRAB, WRAB, WRA, WRA, FITZ, PPT2, PPT2, RAR, MDT, MDT, ASAR, ASAR, ASAR, JASR.

Table with columns: Station, Name, Azimuth, Phase, ID, Time, Res. Includes stations like MBWA Marble Bar, SJG San Juan, PSA00 Pilbara Seismi, etc.

SJA 06 17:37:56.9, 1.0, 23.95S:66.80W, h210km, 8km, MLL3.8, MW3.8, Hypocentre not reviewed by the ISC
IDC 06 17:37:56.7, 6.4, 24.06S:66.66W, h190km, 42km, mb3.9/2, mbmp4.5/4, Error ellipse: s-maj=140.6km s-min=31.8km az=3.0
NEIC 06 17:37:57.5, 1.9, 24.02S:0.07:66.94W, 0.06, h216km, 9km, mb4.7/5, Mw1.4(8UC), Error ellipse: s-maj=10.1km s-min=6.9km az=203.0
VAO 06 17:37:59.2, 0.4, 23.80S:67.20W, h253km, mb4.0
GUC 06 17:37:59.7, 0.7, 23.91S:66.99W, h212km, 9km, MLL4.5
ISC 06 17:37:57.5, 0.6, 23.96S:0.04:67.02W, 0.07, h225km, 9km, n97.7, r196/118, mb4.6/4, 11C, Chile-Antarctica border region

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SLA San Lorenzo, LVC Limon Verde, YJA Yavi, etc.

Table listing seismic stations with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TA01 Diego Aracena, GY03 Copiap, GO03 Copiap, etc.

NEIC 06 17:55:07.0, 1.5, 21.0S:0.1x178.8W, 0.1, h605km, 8km, mb4.6/65, Error ellipse: s-maj=21.9km s-min=18.0km az=9.9
NOU 06 17:55:08.2, 21.04S:178.87W, h608km, mb3.4/27, Fiji Islands Region
IDC 06 17:55:08.7, 1.3, 20.90S:179.08W, h612km, 13km, mb3.4/12, mbmp4.4/14, Error ellipse: s-maj=18.8km s-min=11.1km az=148.0
ISC 06 17:55:08.4, 0.4, 21.03S:0.08:178.93W, 0.07, h619km, n183, r151/190, mb4.5/54, 22C-8D, Fiji Islands region

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MSVF Nonsavu, VSA Ysawavira, NIUE Niue, etc.

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EIDS, ARMA Armadale, ARMA Armadale, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like HDA, CCB, IMAR, MDM, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PEL, MT05, Roca, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like NOUC, KUZ, AFI, etc.

BUI 06 18:18:01.5:0.0, 23:63Sx179:03E, h551km, mb4.9/59, mb5.0/30
MOS 06 18:18:01.1:0.8, 23:99Sx179:00E, h559km, mb5.1/25, Error ellipse: s-maj=10.7km s-min=-8.6km az=11.8
IDC 06 18:18:02.3:0.4, 23:98Sx178:95E, h557km, mb4.4/25, mbmp5.3/28, Error ellipse: s-maj=8.4km s-min=7.8km az=74.0
NOU 06 18:18:02.4, 23:96Sx179:21E, h577km, ML4.9/92, South of Fiji Islands
NEIC 06 18:18:02.1:2.2, 02S:0.09:179:0E:0.1, h558km, 5km, mb5.0/105, Error ellipse: s-maj=14.9km s-min=13.3km az=7.0
GCMT 06 18:18:06.2:0.5, 24:01S:0:06:178:85E:0.05, h563km, 3km, MW5.3/50, Moment Tensor: s50c60; Duration: 1s1 Moment tensor: Scale 1017Nm; Mo:0.1:0.4; Mo:0.12:0.7; Mo:0.13:0.7; Mo:0.91:0.6; Mo:0.18:0.6; Mo:0.62:0.7; Best double couple: Mo:1.1100x1017 NP1:0.5:0.00000, 0.87:0.00000, -0.93:0.00000. NP2: 0.286:0.00000, 0.4:0.00000, -0.39:0.00000. Principal axes: T 1.2230, Plg42.00000, Azm148.00000; N -0.2230, Plg3.00000, Azm55.00000; P -1.0000, Plg47.00000, Azm322.00000; nstai refers to body waves, cutoff=40s.

ISC 06 18:18:02.3:0.3, 23:97S:0:04:179:03E:0.04, h565km, 2km, h566km, P: N743. -1:93/832, mb5.0/157, 53C-36D, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like RIZ, RAO, RAO, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CTA, CTA, CTA, etc.

VRI	Vrincioaia	148.75 321	PKHKP	PKPp	18 36 46.3
OZUR		149.15 322	PKP	PKPKP	18 36 48.0 -0.2
BORA	Eskisehir	149.16 308	PKP	PKPbc	18 36 47.4 -0.2
STHS	Stebnicka Huta	149.20 331	PKHKP	PKPp	18 36 47.4
STHS	Stebnicka Huta	149.20 331	PKP	PKPbc	18 36 47.4 +0.1
OJC	Ojcow	149.21 334	PKP	PKPbc	18 36 47.4 +0.4
OJC	Ojcow	149.21 334	PKP	PKPbc	18 36 47.0 -0.3
OJC	Ojcow	149.21 334	PKHKP	PKPp	18 36 47.0
ARCR	ARCALIA	149.31 325	PKP	PKPKP	18 36 48.2 -0.3
RUE	Ruedersdorf	149.39 342	PKPbc	PKPKP	18 36 48.4 0.0
MLR	Muntele Rosu	149.41 321	PKP	PKPbc	18 36 48.2 +0.1
MLR	Muntele Rosu	149.41 321	PKP	PKPbc	18 36 42.0 -1.0
MLR	Muntele Rosu	149.41 321	PKHKP	PKPp	18 36 48.2
DOPR	Dopca	149.45 322	PKP	PKPKP	18 36 49.1 +0.3
TRPA	Tarpa	149.53 328	PKP	PKPbc	18 36 48.3 +0.2
MIÉ	Miedzica	149.61 332	PKP	PKPbc	18 36 50.4 +0.1
CJR	Cliuj-Napoca	149.95 325	PKP	PKPKP	18 36 49.9 +0.1
CJR	Cliuj-Napoca	149.95 325	PKHKP	PKPp	18 36 49.9
VOIR		149.96 322	PKP	PKPbc	18 36 49.5 +0.1
KSP	Ksiaz	149.96 322	PKHKP	PKPp	18 36 49.5
LANS	Liptovska Anna	150.02 338	PKP	PKPbc	18 36 49.5 +0.2
LANS	Liptovska Anna	150.17 333	PKP	PKPKP	18 36 50.3 +0.1
LANS	Liptovska Anna	150.17 333	PKP	PKPbc	18 36 50.3 +0.1
LANS	Liptovska Anna	150.17 333	PKP	PKPbc	18 39 01.0
LANS	Liptovska Anna	150.17 333	PKP	PKPbc	18 39 06.5
FLTG	Flechtingen	150.18 345	PKPbc	PKPbc	18 36 49.6 +0.1
FLTG			PKP	PKPbc	18 36 58.3 +0.3
RETH	Rethem/Aller	150.22 347	PKPbc	PKPKP	18 36 50.3 +0.3
MARR	Marisel-Cliuj	150.22 326	PKP	PKPbc	18 36 50.1 +0.2
ARR	Arges	150.23 322	PKP	PKPKP	18 36 51.0 +0.5
NRDL	Niedersach Rie	150.29 346	PKPbc	PKPKP	18 36 50.5 +0.3
OSTO	Ostas	150.29 338	PKP	PKPKP	18 36 50.7 +0.3
OSTO	Ostas	150.29 338	PKP	PKPKP	18 36 50.7 +0.3
DRGR		150.35 326	PKP	PKPKP	18 36 50.5 -0.2
DRGR		150.35 326	PKP	PKPKP	18 36 50.5 -0.2
UPC	Upice	150.40 338	PKP	PKPKP	18 36 50.6 0.0
UPC	Upice	150.40 338	PKP	PKPbc	18 37 00.9 +1.8
UPC	Upice	150.40 338	PKP	PKPbc	18 36 50.9 +0.1
DPC	Dobruska-Polom	150.43 337	PKP	PKPbc	18 36 50.9 +0.2
DPC	Dobruska-Polom	150.43 337	PKP	PKPbc	18 37 06.6 +1.3
DPC	Dobruska-Polom	150.43 337	PKP	PKPbc	18 36 50.9 +0.2
MORC	Moravsky Berou	150.45 335	PKP	PKPKP	18 36 51.2 +0.4
MORC	Moravsky Berou	150.45 335	PKP	PKPbc	18 36 42.8 -1.5
MORC	Moravsky Berou	150.45 335	PKP	PKPbc	18 36 50.9 +0.1
MORC	Moravsky Berou	150.45 335	PKP	PKPbc	18 36 51.2 +0.4
KRLC	Kraliky	150.49 336	PKP	PKPKP	18 36 51.0 +0.2
KRLC	Kraliky	150.49 336	PKP	PKPbc	18 37 00.5 +0.9
KRLC	Kraliky	150.49 336	PKP	PKPbc	18 39 06.0 +2.1
KRLC	Kraliky	150.49 336	PKP	PKPbc	18 37 00.5 +0.2
ASSE	Asse, Remlinge	150.50 345	PKPbc	PKPbc	18 36 50.1 -0.1
HUMR	Humele	150.53 320	PKP	PKPbc	18 36 49.9 -0.7
ELL	Elmali	150.60 303	PKP	PKPbc	18 36 51.0 -0.2
ELM	Elmali	150.60 303	PKP	PKPbc	18 36 51.0 -0.2
BORR	Bors	150.62 327	PKP	PKPKP	18 36 52.5 +1.4
CLL	Collm	150.65 342	PKPbc	PKPbc	18 36 50.2 -0.4
CLL	Collm	150.65 342	PKPbc	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 36 55.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL			PKP	PKPbc	18 39 05.0 +0.5
CLL			PKP	PKPbc	18 39 27.0 +2.2
CLL			PKP	PKPbc	18 36 51.0 0.0
CLL			PKP	PKPbc	18 37 00.3 +0.2
CLL			PKP	PKPbc	18 37 04.6
CLL			PKP	PKPbc	18 37 09.3
CLL			PKP	PKPbc	18 39 02.0 +0.8
CLL					

2017 MAR

Code	Station Name	Lat	Long	Mag	Time	Res
GSSM	Skaggs Springs	2.09 139	Pn	19 19 53.2 -1.2		
GBMM	Baldy Mountain	2.09 123	Pn	19 19 53.7 -0.9		
YBH	Yreka Blue Hor	2.10 47	Pn	19 19 53.2 -1.5		
comp=E,35nm,0.3s,baz=244,slow=14,SNR=311						
YBH			Lg	19 20 16.9		
comp=E,41nm,0.3s,baz=233,slow=20,SNR=15						
LCSM	College of the	2.10 57	Pn	19 19 53.8 -1.0		
GRTM	Round Top Moun	2.10 130	Pn	19 19 53.8 -1.0		
LSHM	Sage Hen Hill	2.12 76	Pn	19 19 54.1 -0.8		
GDXM	Geyser Creek	2.12 154	Pn	19 19 54.5 -0.5		
GFC	Funks Creek	2.13 116	Pn	19 19 55.0 -0.7		
GWKM	Walker Ridge	2.14 125	Pn	19 19 54.6 -0.6		
GBGM	Boggs Mountain	2.18 132	Pn	19 19 55.9 +0.1		
GCRM	Castle Rock Sp	2.19 134	Pn	19 19 55.0 -0.9		
GAXM	Alexander Vail	2.21 135	Pn	19 19 55.5 -0.7		
MGC	McClellan	2.22 63	Pn	19 19 55.2 -0.6		
LDEM	Digger Butte	2.27 86	Pn	19 19 55.8 -1.2		
MNRC	McLaughlin Min	2.28 128	Pn	19 19 57.2 +0.1		
LMPM	Military Pass	2.29 58	Pn	19 19 57.3 -0.1		
NMTM	Middletown	2.32 129	Pn	19 19 56.5 -1.2		
LHEM	Herd Peak	2.33 55	Pn	19 19 57.4 -0.6		
B040	Montague	2.33 48	Pn	19 19 56.7 -1.1		
NHSM	Mount Saint He	2.33 134	Pn	19 19 57.1 -0.8		
MAC	Mark West Spri	2.35 138	Pn	19 19 57.9 -0.2		
LBFM	Black Fox Moun	2.41 63	Pn	19 19 58.7 -0.3		
LMEM	Manzanita Entr	2.44 83	Pn	19 19 59.0 -0.4		
OSUM	Sutter Buttes	2.46 114	Pn	19 19 58.2 -1.3		
OSUM	Van Goddin Ran	2.50 104	Pn	19 19 58.0 -1.5		
NTYM	Taylor	2.50 139	Pn	19 19 59.0 -1.1		
SUTB	Sutter Butte	2.52 114	Pn	19 19 58.7 -1.7		
K02D	Willamette Mer	2.52 18	Pn	19 19 59.2 -1.3		
HAIC	Hat Creek Radr	2.56 77	Pn	19 19 20.06 -0.4		
LGMM	Garner Mountai	2.56 59	Pn	19 19 20.05 -0.7		
NBPM	Berryessa Peak	2.56 129	Pn	19 20 01.1 +0.2		
MCCM	Marconi Confer	2.60 145	Pn	19 20 00.2 -1.3		
MCCM			IAML	19 20 30.3		
comp=E,288nm,0.8s						
MCCM			IAML	19 20 31.3		
comp=N,193nm,1.1s						
OSTM	Stimpson Line	2.60 110	Pn	19 19 59.8 -1.6		
ORV	Oroville	2.61 106	Pn	19 20 00.4 -1.2		
ORV			IAML	19 20 33.7		
comp=N,125nm,0.4s						
ORV			IAML	19 20 35.2		
comp=E,96nm,0.4s						
OBHM	Bloomer Hill	2.61 103	Pn	19 20 01.1 -0.6		
LTIM	Timbered Crate	2.62 70	Pn	19 20 01.1 -0.8		
CVIS	Carmel Valley	2.64 137	Pn	19 20 02.1 -0.8		
LBCM	Butte Creek Ri	2.64 77	Pn	19 20 00.7 -1.5		
M04C	Maccdoe	2.65 55	Pn	19 20 01.6 -0.7		
L04D	Klamath Falls	2.65 43	Pn	19 20 02.1 -0.3		
NBRB	Beebe Ranch Br	2.66 139	Pn	19 20 01.3 -0.9		
OCHM	Honca	2.69 110	Pn	19 20 01.8 -1.0		
SCM	Sears Point	2.77 139	Pn	19 20 01.2 -1.2		
J01E	Myrtle Point	2.92 12	Pn	19 20 05.0 -0.8		
J01E			IAML	19 20 42.4		
comp=N,349nm,0.3s						
FARB	Farallon Islan	2.94 152	Pn	19 20 05.6 -0.4		
CFMM	Point Molate	2.97 142	Pn	19 20 05.3 -1.3		
DBO	Dodson Butte	3.03 21	Pn	19 20 06.5 -1.0		
DBO			IAML	19 20 45.7		
comp=E,74nm,1.3s						
JPRM	Presidio of Sa	3.07 144	Pn	19 20 06.8 -1.0		
VAK	Adit at Lawer	3.11 174	Pn	19 20 07.8 -0.8		
BKS	Berkeley-Byer	3.11 140	Pn	19 20 07.7 -0.9		
CVPM	Volmer Peak	3.11 140	Pn	19 20 08.0 -0.6		
JSBM	San Bruno Moun	3.20 144	Pn	19 20 08.4 -1.3		
K04D	Chiloquin, OR	3.23 43	Pn	19 20 09.4 -0.8		
K04D			IAML	19 20 59.8		
comp=N,208nm,1.1s						
K04D			IAML	19 21 13.1		
comp=E,219nm,1.1s						
SAC	San Andreas	3.27 145	Pn	19 20 09.5 -1.1		
JCMF	Coyote Pk	3.31 144	Pn	19 20 10.1 -1.2		
JCHM	Calhill Ridge	3.34 146	Pn	19 20 10.2 -1.5		
BEKR	Beckworth	3.39 96	Pn	19 20 12.8 +0.3		
J5FB	Stanford Teles	3.52 144	Pn	19 20 13.3 -0.8		
JFM	Foothills Park	3.55 145	Pn	19 20 13.3 -1.3		
JSP	St Joseph	3.62 144	Pn	19 20 14.7 -0.8		
ISGM	Saratoga Golf	3.68 144	Pn	19 20 15.3 -1.0		
MOD	Modoc Plateau	3.72 63	Pn	19 20 15.9 -1.1		
MPK	Martis Peak	3.77 104	Pn	19 20 18.8 +1.0		
MPK			IAML	19 21 03.7		
comp=N,99nm,0.9s						
MPK			IAML	19 21 21.1		
comp=E,109nm,1.0s						
K05A	Summer Lake	3.77 49	Pn	19 20 16.8 -0.9		
K05A			IAML	19 21 38.8		
comp=E,40nm,3.1s						
K05A			IAML	19 22 03.1		
comp=N,44nm,4.3s						
AMC	Almaden	3.87 143	Pn	19 20 17.4 -1.6		
ARN	Arnold Ranch	3.87 139	Pn	19 20 18.6 -0.5		
CCOB	Coe Ranch Numb	3.88 141	Pn	19 20 18.7 -0.3		
U04A	Udick	3.90 26	Pn	19 20 19.2 -1.0		
JRGM	Rodeo Gulch Ro	3.92 145	Pn	19 20 18.3 -1.3		
MCUB	Copperopolis R	3.96 125	Pn	19 20 20.6 +0.4		
J05D	Fort Rock, OR	3.97 40	Pn	19 20 19.9 -0.5		
PLTX	Planet X, Gerl	4.04 83	Pn	19 20 19.5 -2.0		
PLTX			IAML	19 21 33.2		
comp=E,100nm,1.2s						
PLTX			IAML	19 21 50.8		
comp=N,98nm,1.3s						
CMB	Columbia Colle	4.08 122	Pn	19 20 21.3 -0.6		
GHS	Gilroy Hot Spr	4.11 140	Pn	19 20 21.8 -0.9		
PAHR	Pah Rah Range	4.16 97	Pn	19 20 21.8 -1.3		
HTUM	Tustin Road	4.24 144	Pn	19 20 22.8 -1.2		
HMOM	Monterey	4.31 148	Pn	19 20 23.5 -1.5		
FPM	Fremont Peak	4.37 143	Pn	19 20 23.7 -2.1		
SAO	San Andreas Ge	4.38 143	Pn	19 20 24.1 -1.9		
SAO			IAML	19 20 26.8 -1.0		
YERR	Yerington	4.45 105	Pn	19 20 26.8 -1.0		
YERR			IAML	19 21 34.0		
comp=E,31nm,0.8s						
H04D	Lebanon	4.47 19	Pn	19 20 27.7 +0.5		
PINE	Pine Mountain	4.49 38	Pn	19 20 27.1 +0.0		
PINE			IAML	19 21 09.3		
comp=N,31nm,3.3s						
PINE			IAML	19 22 19.7		
comp=E,36nm,4.7s						
BJCM	Johns Can	4.58 144	Pn	19 20 26.8 -1.9		
HAST	Hastings Reser	4.65 146	Pn	19 20 27.8 -1.9		
BBGB	Big Mountain B	4.72 141	Pn	19 20 30.0 -0.8		
BPIM	Pinnacles	4.73 142	Pn	19 20 29.0 -1.8		
I05D	Terrebonne, OR	4.76 31	Pn	19 20 30.3 -0.9		
I05D			IAML	19 22 09.8		
comp=N,65nm,3.4s						
I05D			IAML	19 23 31.5		
comp=N,50nm,4.2s						
H04A	Detroit Lake	4.77 23	Pn	19 20 31.5 +0.2		
H04A			IAML	19 21 26.2		
comp=E,46nm,0.3s						
H04A			IAML	19 21 27.1		
comp=N,52nm,0.3s						
MHDM	Hidden Fern	4.95 128	Pn	19 20 35.5 +1.7		
G03D	McMillinville, O	5.03 12	Pn	19 20 34.3 -0.4		
PCCM	Crazy Canyon	5.07 145	Pn	19 20 34.2 -1.2		
WVOR	Wild Horse Val	5.07 63	Pn	19 20 34.0 -1.5		
WVOR			IAML	19 22 07.4		
comp=N,14nm,4.7s						
PMPB	Monarch Peak	5.13 141	Pn	19 20 35.4 -0.9		
MDPB	Devils Postpil	5.16 119	Pn	19 20 36.4 -0.5		
MDPB			IAML	19 24 01.4		
comp=N,49nm,2.5s						
MDPB			IAML	19 24 01.5		
comp=E,59nm,2.4s						
OMMB	Old Mammoth M	5.22 119	Pn	19 20 37.8 -0.1		
LHV	Little Huntoon	5.26 111	Pn	19 20 38.8 +0.8		
LHV			IAML	19 22 10.3		
comp=E,19nm,4.7s						
LHV			IAML	19 22 50.5		
comp=N,32nm,4.0s						
KVN	Kaiserville	5.28 102	Pn	19 20 38.2 -0.3		
NVAR	Mina Array Bea	5.33 108	Pn	19 20 39.5 +0.3		
NVAR			IAML	19 21 57.8		
comp=N,4.7nm,0.3s,baz=287,slow=15,SNR=84						
NVAR			Lg	19 21 57.8		
comp=N,0.5nm,0.3s,baz=291,slow=32,SNR=2						
NVAR			Lg	19 20 39.4 +0.1		
NVAR			IAML	19 20 41.1 +1.0		
NV11	Mina Array Sit	5.44 108	Pn	19 20 40.3 -0.4		
G05A	Wamic	5.54 26	Pn	19 20 41.9 -0.1		
RAMR	Ramage Ranch	5.58 145	Pn	19 20 42.5 +5.1		

Code	Station Name	Lat	Long	Mag	Time	Res
E24K	Your Creek	30.68 343	P	19 25 33.5 +0.2		
D25K	Kavik River	31.26 345	P	19 25 39.3 +0.9		
TOLK	Took Lake Re	31.37 343	P	19 25 40.7 +1.2		
D23K	Nanushuk River	31.88 343	P	19 25 43.4 -0.4		
TZTN	Tazewell	32.29 83	P	19 25 50.5 +2.8		
H11N3	WAKE ISLAND Hy	61.19 272	T	20 36 17.2		
H11N2	WAKE ISLAND Hy	61.19 272	T	20 36 17.4		
H11N1	WAKE ISLAND Hy	61.20 272	T	20 36 18.5		
H11S1	WAKE ISLAND Hy	62.05 271	T	20 37 22.7		
H11S2	WAKE ISLAND Hy	62.06 271	T	20 37 21.9		
H11S3	WAKE ISLAND Hy	62.07 271	T	20 37 22.6		
RPN	Rapa Nui	68.60 165	LR	19 52 46.2		
HHC	Hu-ho-hao-te	84.38 321	eP	19 51 51.7 +0.5		
HHC			pmax			
HHC			pmax			
WMQ	Ururmqi	91.30 337	eP	19 32 26.0 +1.6		

BJI 06 19:25:58.9-0.0,31:11'Sx179:30'W,h406km,mb4.8/29,mb5.2/14
MOS 06 19:25:59.0-0.8,31:10'Sx179:30'W,h390km,mb5.0/19,mb5.0/19
Error ellipse: s-maj=10.7km s-min=9.8km az=120.8
NEIC 06 19:25:59.3-1.4,31:11'Sx179:30'W,h406km,mb4.9/28,mb4.9/28
Error ellipse: s-maj=16.1km s-min=12.0km az=117.0
IDC 06 19:26:00.7-1.0,30:55'Sx179:55'W,h397km,9km,mb4.2/20,mbmp4.9/23
Error ellipse: s-maj=10.4km s-min=8.3km az=165.0
NOU 06 19:26:01.5-31:15'Sx179:72'W,h417km,mb5.0/89,Kermadec Islands Region
GCMT 06 19:26:03.0-0.2,31:08'Sx179:87'W,0:02,1338km,1km,MJWS-4/108, Moment Tensor Solution, s38c174
Duration: 1.3s Moment tensor: Scale 1017 Nm; M1=-0.97z; O3; Mw=0.49z; O5; Mw=1.45z; O4; Mw=0.79z; O4; Mw=0.39z; O4; Mw=0.74z; O4; Best double couple: M1:71800z; O107; NP1:20000z

WAZ	Wanganui	9.54 205	P	Pn	19 28 12.1 -0.8	comp=Z:6.0nm,0.8s	TARA	Tarawa	33.05 347	P	P	19 32 00.3 -0.2	DAV	Davao City (W)	64.49 296	P	P	19 35 57.4 +1.2	
NBEZ	Newall Road No	9.57 211	P	Pn	19 28 16.5 +3.3		INKA	Inaminka	34.33 266	P	P	19 32 12.7 +3.2	TOL2	Tolitoli	64.70 288	P	Iamb	19 35 55.5 -2.1	
DVHZ	Dannevirke	9.67 198	P	P	19 28 11.6 -2.5		HTU	Hallett	34.74 255	P	P	19 32 16.2 +1.3	comp=Z:8.7nm,2.0s	MPSI	Mapaga	64.99 287	P	P	19 35 57.5 -1.9
NMEZ	Namu Road	9.68 210	P	Pn	19 28 17.0 +2.5		HTU	Mount Surprise	34.87 260	P	P	19 32 16.9 +0.8	comp=Z:5.0nm,1.1s,comp=Z:5.23nm	JAGI	Jajag, Banyuwu	65.11 275	P	P	19 35 59.1 -1.2
ANWZ	Angora Road	9.74 197	P	P	19 28 13.8 -1.1		LCKR	Leigh Creek	35.45 260	P	P	19 32 24.9 +0.8	JAGI	Jajag, Banyuwu	65.11 275	P	P	19 35 59.8 -0.5	
POWZ	Post Office Ro	9.76 199	P	P	19 28 14.8 -1.5		WHYH	Whyalla	35.91 256	P	P	19 32 25.9 +1.3	JAGI	Jajag, Banyuwu	65.11 275	P	P	19 35 58.7 -1.6	
PRWZ	Pori Road	9.96 199	P	P	19 28 16.1 -1.2		BBOO	Bucklebo	37.20 256	P	Iamb	Iamb	19 32 37.5	ABJI	Asem Bagus	65.39 276	P	P	19 36 00.2 -1.8
BFZ	Birch Farm	10.01 197	P	P	19 28 16.2 -1.7		BBOO	Bucklebo	37.20 256	P	Iamb	Iamb	19 32 37.5	GMJI	Gumukmas	65.82 275	P	P	19 36 02.8 -1.9
BFZ	Birch Farm	10.01 197	P	Pn	19 28 19.1 +0.8		comp=Z:4.2nm,0.7s	PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.4	BLJI	Banjulung	65.96 276	P	P	19 36 05.8 +0.2
BFZ	Birch Farm	10.01 197	P	P	19 28 15.3 -2.5		PMG	Port Moresby	37.50 298	P	P	19 32 38.0 -0.1	BBKI	Banjur Baru	67.12 280	P	P	19 36 12.9 0.0	
MRZ	Mangatainaka R	10.17 200	P	P	19 28 16.7 -2.9		PMG	Port Moresby	37.50 298	P	P	19 32 38.0 -0.1	PWJI	Pagerwojo	67.35 274	P	P	19 36 14.5 +0.2	
MRZ	Mangatainaka R	10.17 200	P	P	19 28 22.0 0.0		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.4	NGJI	Ngawi	67.97 275	P	P	19 36 18.4 +0.3	
TIWZ	Tintock	10.19 198	P	P	19 28 18.4 -1.6		PMG	Port Moresby	37.50 298	P	P	19 32 38.0 -0.1	UGM	Unanagama	68.50 274	P	P	19 36 21.0 -0.4	
CPWZ	Castlepoint	10.23 197	P	Pn	19 28 20.7 -0.2		PMG	Port Moresby	37.50 298	P	P	19 32 38.0 -0.1	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
HOWZ	Holdswoth Sta	10.41 200	P	P	19 28 19.7 -2.6		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
OGWZ	Otaki Gorge	10.45 201	P	P	19 28 19.7 -2.9		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
TMWZ	Ta Maipa	10.59 200	P	P	19 28 22.0 -1.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
MTW	Mount Morrison	10.64 199	P	P	19 28 22.9 -2.1		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
CAW	Cannon Point	10.73 201	P	P	19 28 23.6 -2.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
TRWZ	Traveller	10.82 198	P	P	19 28 25.5 -1.4		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
DUWZ	D'Urville Isla	10.85 206	P	P	19 28 24.4 -2.8		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
WEL	Wellington	10.99 202	P	P	19 28 27.8 -0.8		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
SNZO	South Koro	11.03 202	P	P	19 28 27.6 -1.6		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
SNZO	South Koro	11.03 202	P	Pn	19 28 29.5 -0.6		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
BHW	Baring Head	11.07 201	P	P	19 28 27.2 -2.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
TCW	Tory Channel	11.08 204	P	P	19 28 27.2 -2.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
TCW	Tory Channel	11.08 204	P	P	19 28 27.2 -2.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
PLWZ	Palisier	11.10 194	P	P	19 28 28.7 -1.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
PLWZ	Palisier	11.10 194	P	P	19 28 28.7 -1.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
TUWZ	Tuamarina	11.39 204	P	P	19 28 30.5 -2.7		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
TUWZ	Tuamarina	11.39 204	P	P	19 28 30.5 -2.5		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
TUWZ	Tuamarina	11.39 204	P	P	19 28 31.1 -2.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
NNZ	Nelson	11.41 207	P	P	19 28 31.1 -2.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
NNZ	Nelson	11.41 207	P	P	19 28 31.1 -2.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
TKNZ	Takaka Hill	11.42 208	P	P	19 28 31.2 -2.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
QRZ	Quartz Range	11.43 210	P	P	19 28 33.4 -0.2		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
QRZ	Quartz Range	11.43 210	P	P	19 28 33.4 -0.2		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
QRZ	Quartz Range	11.43 210	P	P	19 28 33.1 -0.5		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
CMWZ	Cape Campbell	11.59 203	P	P	19 28 34.1 -1.1		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
CMWZ	Cape Campbell	11.59 203	P	P	19 28 35.1 -0.2		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
CMWZ	Blackbirch Sta	11.67 204	P	P	19 28 35.2 -1.0		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
BSWZ	Blackbirch Sta	11.67 204	P	P	19 28 35.2 -1.0		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
MRNZ	Matariki Terra	12.06 207	P	P	19 28 36.8 -1.0		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
THZ	Tophouse	12.06 207	P	P	19 28 38.6 -2.0		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
THZ	Tophouse	12.06 207	P	P	19 28 38.6 -2.0		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
KHZ	Kahutara	12.41 203	P	P	19 28 42.5 -1.8		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
KHZ	Kahutara	12.41 203	P	P	19 28 42.5 -1.8		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
DSZ	Denniston Nort	12.50 210	P	P	19 28 43.7 -1.7		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
CTZ	Chatham Island	12.82 169	P	Pn	19 28 50.5 -0.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
LKBA	Tubou, Lakemba	12.90 5	P	P	19 28 49.1 -1.0		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
GVZ	Greta Valley S	13.07 204	P	P	19 28 50.6 -1.0		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
GVZ	Greta Valley S	13.07 204	P	P	19 28 51.1 -0.6		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
LTZ	Lake Taylor	13.18 206	P	P	19 28 52.4 -0.5		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
AMCZ	Amberley	13.38 204	P	P	19 28 54.3 -0.8		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
INZ	Inchbonnie	13.46 209	P	P	19 28 54.8 -1.0		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
MSVZ	Nonsavu	13.49 352	P	P	19 28 55.5 -1.2		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
MSVZ	Nonsavu	13.49 352	P	P	19 28 55.5 -1.2		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
MSVZ	Nonsavu	13.49 352	P	P	19 28 56.6 -1.0		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
MSVZ	Nonsavu	13.49 352	P	P	19 28 57.6 +0.9		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
MSVZ	Nonsavu	13.49 352	P	P	19 28 56.5 -0.2		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
OXZ	Oxford	13.73 206	P	P	19 28 57.7 -1.2		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
MGZ	McQueen's Vall	13.85 203	P	P	19 28 59.0 -1.1		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
PNMZ	Pines Island	14.27 204	P	P	19 28 59.3 +0.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
TAVE	Taveuni	14.38 360	P	P	19 29 06.0 -0.3		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama	68.50 274	P	P	19 36 21.7 +0.3	
RAPZ	Rata Peaks	14.44 207	P	P	19 29 05.5 -1.1		PMG	Port Moresby	37.50 298	P	P	19 32 38.4 +0.8	UGM	Unanagama</					

ZONE	AML	AML			
JUNG Jungingen	1.42	4	Pn	Pb	20 12 33.5 -0.8
JUNG			Pg	Pg	20 12 35.6 +1.3
JUNG			Sn	Sn	20 12 52.1 +1.3
BREI Breisach am Rh	1.44	322	Pn	Pg	20 12 34.4 -0.1
BREI			Sn	Sg	20 12 53.1 0.0
BREI			Sg	Sb	20 12 55.4 +2.1
VOGT Vogtsburg - To	1.44	325	Pn	Pb	20 12 34.2 -0.4
VOGT			Sn	Sn	20 12 52.4 -1.4
VOGT			Sg	Sg	20 12 54.9 +1.6
VOGT			Pb	Pb	20 12 34.1 -0.4
MILN Milano	1.45	171	AML	AML	
MILN	comp=N,59300um,0.5s		AML	AML	
MILN	comp=E,55100um,0.6s		AML	AML	
MILN	comp=N,44300um,0.9s		AML	AML	
MILN	comp=N,44300um,1.1s		AML	AML	
ERPF Erpfingen	1.45	7	Pn	Pb	20 12 33.9 -0.9
ERPF			Pg	Pg	20 12 36.1 +1.4
ERPF			Sg	Sg	20 12 53.3 +1.8
AIGLE Aigle	1.46	248	Pn	Pg	20 12 35.3 +0.4
AIGLE			Pg	Pg	20 12 35.3 +0.4
GAVI Passo Gaver BS	1.46	132	ePg	Pg	20 12 34.8 -0.1
BFO Black Forest	1.47	345	ePn	Pb	20 12 34.5 -0.7
BFO	SNR=482		Pb	Pb	20 12 34.7 -0.5
BFO			Sn	Sg	20 12 52.6 -1.9
BFO	SNR=12		eSg	Sg	20 12 55.5 +1.2
BFO Black Forest	1.47	345	P	Pb	20 12 34.3 -0.9
BFO			SG	Sg	20 12 55.4 +1.2
BFO Black Forest	1.47	345	Pn	Pb	20 12 34.4 -0.7
BFO			ePg	Pg	20 12 34.7 -0.5
BFO			eSg	Sg	20 12 55.5 +1.2
RONC Roncone	1.51	127U	ePg	Pg	20 12 35.4 -0.5
RONC			P	Pg	20 12 35.5 -0.4
RONC			P	Pg	20 12 36.4 -0.5
OZOL Ozolo	1.56	108U	ePg	Pg	20 12 36.6 -0.3
MOTA Moosalm	1.56	73	ePg	Pg	20 12 59.0 +1.8
MOTA	comp=N,191nm,0.2s,SNR=212		iSg	Sg	20 12 59.0 +1.8
MOTA	comp=N,2um,0.3s		P	Pg	20 12 36.6 -0.3
MOTA			P	Pg	20 12 36.6 -0.3
BUCH Bad Urach	1.57	11	Pn	Pn	20 12 35.4 -0.6
BUCH			Sg	Sg	20 12 58.8 +1.4
CHMF Charmoille	1.58	283	Pn	Pg	20 12 38.7 +1.5
CHMF			Sn	Sb	20 12 56.4 -1.0
CHMF			Sg	Sg	20 12 59.2 +1.7
CHMF			Pb	Pb	20 12 36.4 -0.5
CHMF			Pg	Pg	20 12 38.6 +1.5
CHMF			Sn	Sb	20 12 56.4 -1.0
CHMF			Sg	Sg	20 12 59.3 +1.7
CHMF			Pb	Pb	20 12 36.5 -0.5
CNC Concesio	1.59	145	P	Pg	20 12 37.4 0.0
CIRO Champorchet	1.60	216	P	Pg	20 12 36.9 -0.7
CIRO			AML	AML	
CIRO	comp=N,7910um,0.5s		AML	AML	
CIRO	comp=E,8475um,1.6s		AML	AML	
CIRO	comp=N,7910um,1.5s		AML	AML	
SQTA Sankt Quirin	1.61	78	P	Pg	20 12 37.6 0.0
SQTA			Sg	Sg	20 13 00.3 +1.8
SQTA	comp=N,530nm,0.2s,SNR=448		ePg	Pg	20 12 37.6 0.0
SQTA			iSg	Sg	20 13 00.3 +1.8
SQTA	comp=N,7um,0.4s		P	Pg	20 12 37.7 0.0
TUEB Tuebingen, Eug	1.61	4	Pn	Pg	20 12 35.9 -0.6
TUEB			Pg	Pg	20 12 38.9 +1.1
TUEB			Sn	Sg	20 12 55.9 -2.0
TUEB			Sg	Sg	20 12 59.6 +1.0
TRAV Traversella	1.61	210	P	Pb	20 12 36.3 -1.3
TRAV			AML	AML	
TRAV	comp=E,8775um,1.6s		AML	AML	
TRAV	comp=N,11250um,0.5s		AML	AML	
TRAV	comp=N,8775um,0.4s		AML	AML	
PART Garmisch-Parte	1.62	68	ePn	Pg	20 12 38.1 +0.2
PART	SNR=231		eSg	Sg	20 13 01.4 +2.6
PART	SNR=5.8		Sn	Sn	20 12 56.2 -1.9
TUBL Tuebingen-Lenn	1.62	4	Sn	Sg	20 12 59.8 +0.8
TUBL			Sg	Pg	20 12 37.8 -0.6
GAGG Gaggia	1.64	119	AML	AML	
GAGG	comp=N,7320um,0.7s		AML	AML	
GAGG	comp=E,7675um,0.7s		AML	AML	
GAGG	comp=N,7565um,1.4s		AML	AML	
GAGG	comp=E,7605um,1.4s		AML	AML	
GAGG	comp=N,7565um,0.6s		AML	AML	
GAGG	comp=E,7605um,0.6s		AML	AML	
MAGA Magasa	1.65	133	P	Pg	20 12 38.0 -0.5
MAGA	comp=E,29650um,0.5s		AML	AML	
MAGA	comp=E,29650um,1.5s		AML	AML	
MAGA	comp=N,17150um,0.5s		AML	AML	
APPI Appiano	1.66	104	P	Pg	20 12 38.1 -0.6
APPI	comp=N,22900um,0.5s		AML	AML	
APPI	comp=N,22900um,0.5s		AML	AML	
OPP Oppenau	1.66	343	Pn	Pn	20 12 37.0 -0.2
OPP			Pg	Pg	20 12 39.7 +0.9
OPP			Sn	Sn	20 12 56.8 -2.4
OPP			Sg	Sg	20 13 01.1 +0.8
HINF Hinterfeld	1.66	304	ePn	Pb	20 12 37.6 -0.8
HINF			ePg	Pg	20 12 40.0 +1.2
HINF			eSg	Sg	20 13 01.2 +0.8
ORZI Orzinuovi	1.66	154	P	Pg	20 12 38.2 -0.6
ORZI	comp=N,45600um,1.6s		AML	AML	
ORZI	comp=N,73450um,0.9s		AML	AML	
ORZI	comp=N,45600um,0.4s		AML	AML	
BRANT Les Verrieres	1.67	272	Pn	Pb	20 12 38.1 -0.4
BRANT			Pb	Pb	20 12 59.2 -0.8
BRANT			Sg	Sg	20 13 02.6 -2.4
BRANT			P	Pg	20 12 38.1 -0.4
LEOD Capriano del C	1.68	149	P	Pg	20 12 40.6 +1.5
VOBA Vobarno	1.68	138	P	Pg	20 12 39.1 -0.1
LUSI Trento, Gardas	1.70	123	P	Pg	20 12 38.7 -0.8
LUSI	comp=N,10985um,0.4s		AML	AML	
LUSI	comp=N,10985um,1.6s		AML	AML	
LUSI	comp=N,6355um,1.1s		AML	AML	
OGSI Sixt	1.71	241	Pn	Pg	20 12 39.2 -0.5
OGSI			Pg	Pb	20 12 40.9 +1.7
OGSI			Sn	Sg	20 13 01.7 -0.1
OGSI			Pn	Pg	20 12 39.2 -0.5
BOSI Bolzano	1.71	103	P	Pg	20 12 39.5 -0.3
BOSI	comp=N,31200um,0.5s		AML	AML	
BOSI	comp=N,30350um,1.4s		AML	AML	
MRGE Morge	1.71	229	P	Pg	20 12 39.0 -0.7
MRGE	comp=N,7730um,0.8s		AML	AML	
MRGE	comp=N,7730um,0.8s		AML	AML	
MRGE	comp=E,12900um,0.6s		AML	AML	

comp=N,7730um,1.2s					
SALO Salir	1.71	138	P	Pg	20 12 38.8 -1.0
SALO Salir	1.71	138	P	Pg	20 12 39.4 -0.4
SALO	comp=E,15000um,0.7s		AML	AML	
SALO	comp=N,14500um,0.6s		AML	AML	
SALO	comp=N,16600um,0.5s		AML	AML	
SALO	comp=N,15100um,0.5s		AML	AML	
ROSI Roskopf	1.72	88	P	Pg	20 12 39.2 -0.7
ROSI	comp=N,26650um,0.8s		AML	AML	
ROSI	comp=N,27800um,0.5s		AML	AML	
ROSI	comp=N,26650um,1.2s		AML	AML	
RONF Ronchamp	1.73	298	Pn	Pg	20 12 38.4 -1.2
RONF			Pg	Pg	20 12 40.9 +0.7
RONF			Sg	Sg	20 13 03.2 +0.6
RONF			Pb	Pb	20 12 38.4 -1.2
VARA Varanga	1.73	298	Pn	Pb	20 12 39.3 -0.7
VARA			Pg	Pg	20 12 38.2 -0.4
ECH Echery	1.76	319	P	Pn	20 12 38.2 -0.4
ECH			Pn	Pn	20 12 38.5 -0.1
ECH			Sn	Sn	20 12 59.9 -1.8
ECH			Sg	Sg	20 13 04.1 +0.5
ECH			Pn	Pn	20 12 38.5 -0.1
ECH			Pb	Pb	20 12 38.9 -1.2
DEGG Deggingen-Nord	1.79	17	Pn	Pn	20 12 38.0 -0.9
DEGG			Sg	Sg	20 13 05.7 +1.4
WLS Welschbruch	1.83	326	Pn	Pn	20 12 39.6 0.0
WLS			Sn	Sn	20 13 01.3 -2.2
WLS			P	Pn	20 12 39.6 0.0
WLS			S	Sn	20 13 01.2 -2.2
WLS			Sn	Sn	20 12 39.6 0.0
WLS			Sg	Sg	20 13 01.4 -2.2
WLS			Sn	Sn	20 13 06.8 +0.9
BOUC Bouclans	1.84	282	Pn	Pg	20 12 43.3 +1.1
BOUC			Sn	Sg	20 13 02.7 -0.9
BOUC			Sg	Sg	20 13 07.0 +1.0
BOUC			Pb	Pb	20 12 40.0 -1.4
BOUC			Pn	Pn	20 12 40.3 -1.2
STR Strasbourg	1.84	336	Pn	Sn	20 12 40.8 -0.9
GIMEL St. Georges /	1.85	259	Pn	Pb	20 12 44.3 +1.8
GIMEL			Pg	Pg	20 13 07.9 +1.4
GIMEL			Sg	Sg	20 12 39.9 -0.2
Champ du Feu	1.86	324	ePn	Pn	20 12 39.9 -0.2
Champ du Feu	1.86	324	eSg	Pn	20 13 01.9 -2.4
Champ du Feu	1.86	324	eSg	Sg	20 13 06.5 -0.3
comp=E,3um,0.6s					
BABA Baden-Baden-Ne	1.87	345	Pn	Pn	20 12 39.8 -0.3
STU Stuttgart	1.87	6	Pn	Pn	20 12 39.0 -0.9
STU			ePn	Sn	20 12 39.5 -0.6
STU	SNR=43		eSn	Sn	20 13 02.0 -2.4
STU			Sg	Sg	20 13 08.2 +1.1
STU			P	Pn	20 12 43.3 +0.6
STU			S	Sn	20 13 02.2 -2.2
WATA Walderalm	1.87	76	Pg	Pg	20 12 42.5 -0.3
WATA			Pg	Pg	20 13 08.9 +1.8
WATA	comp=N,84nm,0.1s,SNR=176		ePg	Sg	20 12 42.5 -0.3
WATA	comp=N,2um,0.3s		eSg	Sg	20 13 08.9 +1.8
GALG Neuhausen (Enz)	1.88	358	Pn	Pn	20 12 39.7 -0.5
GALG			Sn	Sn	20 13 01.9 -2.7
DOSS Dosso del Somm	1.89	122	P	Pn	20 12 42.1 -0.9
DOSS	comp=N,6945um,0.6s		AML	AML	
DOSS	comp=N,7100um,0.5s		AML	AML	
DOSS	comp=N,6800um,0.5s		AML	AML	
DOSS	comp=N,7035um,0.6s		AML	AML	
HDH Heidenheim-Cha	1.89	27	Pn	Pn	20 12 39.2 -1.2
HDH			Pg	Pg	20 12 43.5 +0.3
HDH			Sg	Sg	20 13 08.1 +0.3
HDH			Pg	Pg	20 12 43.1 -0.3
WTTA Wattenberg	1.90	78	ePg	Pg	20 13 09.8 +1.9
WTTA	comp=N,109nm,0.1s,SNR=207		eSg	Sg	20 12 42.9 -0.4
WTTA	comp=N,8um,0.6s		P	Pg	20 12 42.9 -0.4
WTTA	comp=N,17350um,0.7s		AML	AML	
WTTA	comp=N,17950um,0.7s		AML	AML	
WTTA	comp=N,17950um,0.7s		P	Pb	20 12 42.0 -0.5
WTTA			SG	Sg	20 13 10.0 +2.1
WTTA			ePn	Pg	20 12 43.2 -0.1
WTTA	SNR=965		eSg	Sg	20 13 10.1 +2.1
WTTA	SNR=9.1		eSg	Sg	20 12 43.3 -0.2
BRES Bressanone	1.96	95	P	Pb	20 12 43.3 -0.2
BRES	comp=N,16005um,0.6s		AML	AML	
BRES	comp=N,29750um,1.0s		AML	AML	
BRES	comp=N,16005um,1.4s		AML	AML	
MONC Moncucco Torin	1.96	201	P	Pn	20 12 42.9 -0.4
MONC	comp=N,6520um,1.3s		AML	AML	
MONC	comp=N,6520um,0.7s		AML	AML	
MONC	comp=N,8295um,0.7s		AML	AML	
CABF La Chapelle	1.96	262	ePn	Pb	20 12 42.1 -1.4
CABF			eSg	Pg	20 12 46.0 +1.5
CABF			eSg	Sb	20 13 06.2 +2.0
CABF			eSg	Sg	20 13 11.6 +1.7
ROVR Rover Verones	1.96	129	P	Pn	20 12 43.3 -0.2
ROVR	comp=N,5570um,1.1s		AML	AML	
ROVR	comp=N,4910um,1.0s		AML	AML	
ROVR	comp=N,2140um,1.1s		AML	AML	
ROVR	comp=N,1940um,1.0s		AML	AML	
ROVR	comp=N,1940um,1.0s		AML	AML	
ROVR	comp=N,4910um,1.0s		AML	AML	
ROVR	comp=N,4910um,1.0s		AML	AML	
ROVR	comp=N,2140um,0.9s		AML	AML	
ROVR	comp=N,5570um,0.9s		AML	AML	
URBA Urbach, Forstis	1.98	13	Pn	Pn	20 12 40.5 -1.2
URBA			Pg	Pg	20 12 45.0 0.0
URBA			Pn	Pn	20 13 05.4 -1.7
URBA			Sn	Sn	20 12 43.7 -0.4
URBA			Pg	Pg	20 12 46.2 +1.0
RSL Roselend	2.00	233	Pn	Pg	20 13 09.5 -1.

Table of station data for the 6d 22h period, including station names, coordinates, and various parameters like P, S, and IAMB.

Table of station data for the 2017 MAR period, including station names, coordinates, and various parameters like P, S, and IAMB.

Table of station data for the 2017 MAR period, including station names, coordinates, and various parameters like P, S, and IAMB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NNWZ, NMHZ, NTVZ, etc.

CNRM 06 23:20:49.6, 33.777N, 5.90W, h0km, ml2.9
MDD 06 23:20:52.1, 0.9, 33.777N, 5.85W, h35km, 4km, Mb3.8/5,
M, mbD3, 1/5, Error ellipse: s-maj=8.6km s-min=4.6km

ISC 06 23:20:51.7, 1.3, 33.84N, 0.03, 5.92W, 0.04, h34km, 3km,
n26, c181/42, SC, Morocco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHEFC, AVE, MD31, etc.

IDC 06 23:28:05.0, 4.7, 35.43S, 105.08W, h0km, mb4.3/15,
mbmp4.2/15, MS4.1/29, Error ellipse: s-maj=21.4km
s-min=19.3km az=61.0

NEIC 06 23:28:09.8, 1.3, 35.30S, 0.10, 104.7W, 0.1, h10km, 1km,
mb4.9/47, Error ellipse: s-maj=19.3km s-min=16.1km
az=247.0

GCMT 06 23:28:11.8, 0.2, 35.37S, 0.01, 104.94W, 0.01, h22km, 1km,
MW5.1/126, Moment Tensor Solution. s50, c60;
s126, c182; Duration: 0 Moment tensor: Scale 10^16Nm;
Mn=0.95t, 18; Mo=0.98t, 14; Mo=1.94t, 14; Mo=0.29t, 22;
Mo=4.88t, 11; Mo=1.16t, 23; Best double couple:
M=4.88200x10^16 NP1=0.800000, 865.00000,
-1.1600000, NP2=0.1000000, 874.00000,
-1.17400000, Principal axes: T 5.2890, P 0.0000;
Azms5.0000; N -0.8040, Plg73.0000; Azm170.0000; P
-4.4790, Plg15.0000; Azm323.0000; nst1a refers to
body waves, cutoff=40s. nst2a refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 06 23:28:08.4, 0.5, 35.35S, 0.09, 104.70W, 0.09, h10km,
n101, c1925/71, mb4.8/34, MS4.2/31, Southeast of Easter
Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RPN, VA02, H03S2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H03N1, LLO6, GO06, etc.

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

7d 0h

Table of station data for the 7-day period, including station names, coordinates, and various parameters like SNR and time.

2017 MAR

Main table of station data for March 2017, listing station names, coordinates, and parameters.

348

Table of station data for the 348-day period, including station names, coordinates, and parameters.

Additional text and data blocks at the bottom of the page, including specific station coordinates and identifiers.

NEIC 07 00:54:23.5: 1.1, 15:0S:0.2:173:67W:0.06, h32km, 10km, mb3.4/14, Error ellipse: s-maj=30.3km s-min=5.5km az=169.0

NOU 07 00:54:42.4, 14:04S:172:55W, h81km, MLV3.7/4, Samoa Islands

ISC 07 00:54:23.6: 0.5, 15.09S:0.09, 173:66W:0.08, h30km, n76, s=1527/61, mb4.2/15, MS3.7/13, 7C-6D, Tonga Islands

IDC 07 01:03:21.7: 2.4, 5:04N: 123:47E, h591km, 23km, mb3.1/5, mbmp4.1/5, Error ellipse: s-maj=211.2km s-min=13.6km az=64.0

ISC 07 01:03:17.0: 1.3, 5.2N:0.5: 122:4E, h550km, n6, c=250/13, mb3.6/5, Mindanao

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Pn, Res. Includes stations like Wulai, Helian Shan, Warramunga Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Pn, Res. Includes stations like WRA, WRR, WRS, WRS, WRS, etc.

IDC 07 01:39:42.0: 1.2, 24:31N: 122:20E, h0km, mb3.5/7, mbmp3.5/7, MS2.2/1, Error ellipse: s-maj=68.4km s-min=21.0km az=64.0

TAP 07 01:39:46.8: 24:28N: 122:06E, h35km, ML4.3, B NIED 07 01:39:47.1: 24:18N: 122:10E, h44km, MW3.8, Moment Tensor Solution. s2 Moment tensor: Scale 10^14Nm; Mn:2.27; Mm:6.94; Mpp:4.67; Mm:1.45; Mpp:0.94; Mm:1.45;

Fault plane solution: M0: 32000x10^14 NP1: phi=316.00000; s0: 80.00000; lambda: 155.00000. NP2: phi=51.00000; s0: 866.00000; lambda: 11.00000. JMA 07 01:39:47.1: 0.2, 24:18N: 122:1E:0.5, h44km, 3km, MV3.7/11, TAIWAN REGION

ISC 07 01:39:46.8: 0.8, 24:25N:0.02:122:13E:0.02, h30km, 6km, n175, s=1900/292, mb3.5/7, 17C-17D, Taiwan region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Pn, Res. Includes stations like EOSE, EOSE, EOSE, EOSE, EOSE, etc.

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Pn, Res. Includes stations like AF1, AF1, AF1, AF1, AF1, etc.

KDJ	Kajisay	1.04 157	↑P	Pg	02 13 25.1	-1.3
KDJ	baz=57		↑S	Sg	02 13 38.8	-1.2
KURS	Kuram	1.19 70	P	Pg	02 13 27.9	-1.3
KURS	14nm,0.3s		S	Sg	02 13 43.3	-1.4
KURS	9.9nm,0.3s		eS	Pg	02 13 27.9	-1.3
KURS	Kuram	1.19 70	eP	Pg	02 13 43.3	-1.4
KURS	baz=70		eS	Sg	02 13 27.9	-1.3
KURS	14nm,0.3s		eS	Sg	02 13 43.3	-1.4
KURS	9.9nm,0.3s		eS	Sg	02 13 43.3	-1.4
SATY	Saty	1.30 91	P	Pn	02 13 29.4	-0.6
SATY	27nm,0.1s		S	Sb	02 13 45.9	-1.1
SATY	40nm,0.1s		eP	Pn	02 13 29.4	-0.6
SATY	baz=91		eS	Sb	02 13 45.8	-1.1
SATY	Saty	1.30 91	eP	Pn	02 13 29.4	-0.6
SATY	27nm,0.1s		eS	Sb	02 13 45.9	-1.1
SATY	40nm,0.1s		eS	Sb	02 13 45.9	-1.1
KBK	Karagaybulak	1.31 251	↑P	Pn	02 13 30.1	-0.2
KBK	33nm,0.2s,SNR=14		↑S	Sn	02 13 48.3	+0.7
KBK	49nm,0.2s		↑S	Sn	02 13 30.1	-0.2
KBK	Karagaybulak	1.31 251	↑P	Pn	02 13 30.1	-0.2
KBK	baz=52		↑S	Sb	02 13 47.7	+0.2
ZHN	Zhinshke	1.32 86	P	Pn	02 13 29.8	-0.5
ZHN	16nm,0.1s		S	Sb	02 13 46.5	-1.1
ZHN	68nm,0.2s		eS	Sb	02 13 29.8	-0.5
ZHN	Zhinshke	1.32 86	eP	Pn	02 13 29.8	-0.5
ZHN	baz=86		eS	Sb	02 13 46.5	-1.1
ZHN	Zhinshke	1.32 86	eP	Pn	02 13 29.8	-0.5
ZHN	16nm,0.1s		eS	Sb	02 13 46.5	-1.1
ZHN	baz=86		eS	Sb	02 13 29.8	-0.5
CHMS	Chumysh	1.39 267	↑P	Pn	02 13 31.0	-0.1
CHMS	37nm,0.1s,SNR=12		↑S	Sb	02 13 49.4	0.0
CHMS	29nm,0.2s		↑S	Sb	02 13 31.0	-0.1
CHMS	Chumysh	1.39 267	↑P	Pn	02 13 31.0	-0.1
CHMS	baz=67		↑S	Sb	02 13 49.6	+0.2
ARXS	Arharly	1.42 37	P	Pn	02 13 31.7	+0.1
ARXS	20nm,0.2s		S	Sb	02 13 50.0	-0.4
ARXS	144nm,0.2s		eS	Sb	02 13 50.0	-0.4
ARXS	20nm,0.2s		eP	Pn	02 13 31.7	+0.1
ARXS	144nm,0.2s		eS	Sb	02 13 50.0	-0.4
PRZ	Przheval'sk	1.43 114	↑P	Pn	02 13 31.6	+0.3
PRZ	baz=14		↑S	Sb	02 13 50.8	-0.1
SGDS	SGodiny	1.51 285	P	Pn	02 13 33.1	+0.2
SGDS	21nm,0.2s		S	Sn	02 13 52.4	+0.1
SGDS	46nm,0.3s		S	Sn	02 13 33.1	+0.2
KPKS	Kokpek	1.54 75	P	Pn	02 13 33.8	+0.5
KPKS	26nm,0.2s		S	Sb	02 13 53.6	+0.4
KPKS	83nm,0.2s		eP	Pn	02 13 33.8	+0.5
KPKS	Kokpek	1.54 75	eP	Pn	02 13 33.8	+0.5
KPKS	baz=75		eS	Sn	02 13 53.5	+0.4
KPKS	Kokpek	1.54 75	eP	Pn	02 13 33.8	+0.5
KPKS	26nm,0.2s		eS	Sn	02 13 53.6	+0.4
USP	Ospenovka	1.57 277	↑P	Pn	02 13 34.1	+0.4
USP	8.3nm,0.1s,SNR=54		↑S	Sg	02 13 55.7	-1.3
USP	29nm,0.1s		↑S	Sg	02 13 34.1	+0.4
USP	Ospenovka	1.57 277	↑P	Pn	02 13 34.1	+0.4
USP	baz=77		↑S	Sb	02 13 55.3	+0.4
TARG	Taragay, Kyrgyz	1.61 147	↑P	Pn	02 13 34.9	+0.3
TARG	baz=47		↑S	Sn	02 13 56.0	+0.7
AAK	Ala-Archa	1.64 255	↑P	Pb	02 13 35.8	-0.5
AAK	5.1nm,0.2s,SNR=17		↑S	Sb	02 13 57.5	+0.6
AAK	20nm,0.3s		↑S	Sb	02 13 35.6	-0.7
AAK	Ala-Archa	1.64 255	↑P	Pb	02 13 35.6	-0.7
AAK	baz=55		↑S	Sb	02 13 57.3	+0.5
BLB	Baldybastay	1.68 52	P	Pb	02 13 36.2	-0.7
BLB	25nm,0.1s		S	Sb	02 13 57.6	-0.2
BLB	128nm,0.2s		S	Sb	02 13 37.0	+1.0
NRN	Naryn	1.72 196	↑P	Pn	02 13 37.0	+1.0
NRN	baz=97		↑S	Sb	02 13 59.9	+0.6
UZB	Uzymbulak	1.75 87	P	Pn	02 13 37.2	+1.0
UZB	14nm,0.2s		S	Sn	02 13 59.2	+0.9
UZB	22nm,0.1s		eP	Pb	02 13 37.7	-0.5
UZB	Uzymbulak	1.75 87	eP	Pb	02 13 37.7	-0.5
UZB	baz=87		eS	Sb	02 14 00.1	+0.1
UZB	9.6nm,0.1s		eP	Pb	02 13 37.7	-0.5
UZB	22nm,0.1s		eS	Sb	02 14 00.1	+0.1
UCH	Uchtor	1.79 242	↑P	Pb	02 13 38.5	-0.6
UCH	4.9nm,0.3s,SNR=6.7		↑S	Sb	02 14 02.1	+0.7
UCH	9.2nm,0.2s		↑S	Pn	02 13 37.9	+0.9
UCH	Uchtor	1.79 242	↑P	Pn	02 14 02.1	+0.7
UCH	baz=42		↑S	Sb	02 14 01.4	0.0
SHLS	Shalkode	2.07 87	Pg	Pg	02 13 49.5	+3.5
SHLS	12nm,0.2s		Lg	Lg	02 14 20.4	
SHLS	16nm,0.3s		eLg	Lg	02 14 20.4	
SHLS	Shalkode	2.07 87	eP	Pg	02 13 49.5	+3.5
SHLS	12nm,0.2s		eLg	Lg	02 14 20.4	
SHLS	16nm,0.3s		eLg	Lg	02 14 20.4	
PDGK	Podgornoye	2.10 82	Pg	Pb	02 13 44.2	+0.1
PDGK	6.3nm,0.3s		Lg	Lg	02 14 11.2	
PDGK	10nm,0.4s		Lg	Lg	02 13 42.8	-1.4
PDGK	Podgornoye	2.10 82	↑P	Pg	02 14 11.1	
PDGK	5.7nm,0.3s		↑Lg	Lg	02 14 11.1	
ARLS	Aral	2.11 235	↑P	Pn	02 13 42.2	+1.0
ARLS	baz=35		↑S	Sb	02 14 08.7	+1.5
ARLS	Erkin-Say	2.15 260	↑P	Pn	02 13 44.1	-0.8
EKS2	Erkin-Say	2.15 260	↑P	Pn	02 13 44.1	-0.8
EKS2	12nm,0.2s,SNR=41		↑S	Sg	02 13 43.1	-2.2
EKS2	7.1nm,0.1s		↑S	Pn	02 13 42.8	+1.1
EKS2	Erkin-Say	2.15 260	↑P	Pn	02 14 09.7	+1.6
EKS2	baz=60		↑S	Sn	02 13 45.6	+0.5
AML	Almayashu	2.37 247	↑P	Pn	02 13 45.6	+0.5
AML	0.3nm,0.3s		↑Lg	Lg	02 14 20.5	
MRKS	Merke	2.53 263	Pg	Pb	02 13 51.6	+0.1
MRKS	4.5nm,0.2s		Lg	Lg	02 14 24.0	
MRKS	23nm,0.3s		Lg	Lg	02 14 24.0	

MRKS	Merke	2.53 263	eP	Pb	02 13 51.9	+0.5
MRKS	4.6nm,0.1s		eLg	Lg	02 14 24.8	
DJR	Jarkent	2.60 60	Pg	Pb	02 13 52.4	-0.3
DJR	1.7nm,0.2s		Lg	Lg	02 14 25.4	
DJR	20nm,0.6s		eP	Pb	02 13 52.8	+0.1
DJR	Jarkent	2.60 60	eP	Pg	02 14 25.9	
DJR	1.7nm,0.2s		eLg	Lg	02 14 25.9	
BTLS	Baital	2.70 317	Pg	Pb	02 13 54.5	+0.1
BTLS	1.0nm,0.2s		Lg	Lg	02 14 28.9	
BTLS	6.0nm,0.4s		eP	Pb	02 13 54.5	+0.1
BTLS	Baital	2.70 317	eP	Pg	02 14 28.9	
BTLS	1.0nm,0.2s		eLg	Lg	02 14 28.9	
MNAS	Manas	3.10 260	↑P	Pn	02 13 55.9	+1.1
MNAS	6.0nm,0.4s		↑Lg	Lg	02 14 32.7	+1.0
MNAS	baz=60		↑Lg	Lg	02 14 32.7	+1.0
KK31	Karantay Array	4.49 272	↑P	Pb	02 14 26.7	+2.0
KK31	0.4nm,0.4s,baz=87,slow=18,SNR=14		↑Lg	Lg	02 15 28.4	
KK31	1.5nm,0.4s,baz=88,slow=29,SNR=11		↑Lg	Lg	02 15 28.4	
MAKZ	Makanchi	5.31 44	↑P	Sn	02 15 26.2	+1.1
MAKZ	2.1nm,1.4s		↑S	Sn	02 15 28.1	+2.1
MAKZ	1.5nm,1.4s		↑Lg	Lg	02 15 53.9	
MAKZ	2.8nm,1.1s		↑Lg	Lg	02 14 28.3	+1.2
MK31	Makanchi Array	5.46 45	↑P	Sn	02 15 32.4	+2.7
MK31	baz=222,slow=16,SNR=9.3		Sn	Sn	02 15 59.2	
MK31	0.2nm,0.3s,baz=222,slow=25,SNR=4.7		↑Lg	Lg	02 17 12.0	
MK31	0.4nm,0.3s,baz=227,slow=29,SNR=5.7		↑Lg	Lg	02 17 12.0	
KURB	Kurbatov Arra	7.65 9	↑Lg	Lg	02 17 12.3	
KURB	2.1nm,0.6s		↑Lg	Lg	02 17 12.3	
KURK	Kurchatov	7.75 9	↑Lg	Lg	02 17 12.3	
KURK	2.1nm,0.9s		↑Lg	Lg	02 17 12.3	

IPCC 07 02:21:14.8:0.2,50.19N:18.63E,h1km,ML1.5/4,Error ellipse: s-maj=2.1km s-min=1.1km az=163.0

PRU 07 02:21:15.3:0.0,50.19N:18.55E,h0km,Poland

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
OKC	Ostrava-Krasne	0.44 217	eP	02 21 23.9 +0.2	ISC
OKC	comp=Z,41nm,1.1s		eSg	02 21 29.6 +0.3	ISC
MORC	Moravsky Berou	0.77 238	eP	02 21 30.2 +0.2	ISC
MORC	baz=59		eSg	02 21 40.5 +0.5	ISC
OJC	Ojcow	0.80 87	eP	02 21 29.0 -1.7	ISC
OJC	Kralicy	1.14 265	eP	02 21 36.3 -0.9	ISC
KRLC	comp=Z,8.1nm,0.3s		eSg	02 21 52.1 +0.1	ISC
LANS	Liptovska Anna	1.20 150	eP	02 21 37.6 -0.7	ISC
LANS	LANS		eSg	02 21 54.6 -0.4	ISC
LANS	LANS		eLg	02 21 57.4	ISC
NIE	Niedzica	1.37 124	eP	02 21 40.7 -0.8	ISC
NIE	Dobruska-Polom	1.44 277	eP	02 21 59.2 -0.1	ISC
DPC	Dobruska-Polom	1.44 277	eP	02 21 42.2 -0.5	ISC
DPC	comp=Z,7.4nm,0.6s		eSg	02 22 01.5 0.0	ISC
OSTC	Ostas	1.54 285	eP	02 21 43.1 -0.9	ISC
OSTC	Vranov	1.55 236	eP	02 22 05.3 +0.6	ISC
VRAC	baz=56		eSg	02 21 43.9 -0.2	ISC
VRAC	3.4nm,0.2s,baz=56		eSg	02 22 07.4 -0.2	ISC
KSP	Ksiaz	1.58 295	eP	02 21 45.5 +0.1	ISC
KSP	UPC	1.66 282	eSg	02 22 07.1 +1.0	ISC
UPC	comp=Z,2.9nm,0.4s		eSg	02 22 09.0 +0.5	ISC
VYHS	Vyhne	1.71 174	eP	02 21 44.8 -1.5	ISC
VYHS	KRUC	1.80 232	eP	02 22 08.1 -0.8	ISC
KRUC	comp=Z,7.4nm,0.6s		eSg	02 21 47.6 0.0	ISC
KRUC	2.3nm,0.2s,baz=51		eSg	02 22 12.4 +0.2	ISC
STHS	Stebnicka Huta	1.91 113	eP	02 21 49.2 +0.1	ISC
TREC	GO Pecny, Ondr	2.18 247	eSg	02 22 23.5 +0.3	ISC
GOPC	comp=Z,3.4nm,0.8s		eSg	02 22 31.9 +1.2	ISC
PVCC	Panska Ves	2.57 279	eSg	02 22 37.9 0.0	ISC
PVCC	comp=Z,3.4nm,0.2s		eSg	02 22 36.7 -1.7	ISC
PRU	Pruhonice	2.59 267	eSg	02 22 52.8 -1.6	ISC
CKRC	Cesky Krumlov	3.08 245	eP	02 22 52.8 -1.6	ISC
KHC	Kasperske Hory	4.04 254	eP	02 22 52.8 -1.6	ISC
KHC	KHC		eSg	02 23 02.9 -1.6	ISC

IDC 07 02:42:57.6:0.7,12.09N:144.22E,h0km,mb3.9/14,mbmp3.9/14,Error ellipse: s-maj=27.0km s-min=15.6km az=99.0

ISC 07 02:43:02.1:0.7,12.08N:0.09:144.3E:0.2,h29km,n17,0:80/18,mb3.9/15,South of Mariana Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
GUMO	Guam	1.59 20	Op	02 43 27.8 -0.5	ISC
GUMO	21nm,0.3s,baz=187,slow=9.9,SNR=10		Sn	02 43 47.1 -0.9	ISC
KSRS	Korea Array	29.22 333	P	02 49 02.0 +0.7	ISC
KSRS	0.5nm,0.3s,baz=145,slow=43,SNR=1.7		P	02 49 02.0 +0.7	ISC
CTA	Charters Tower	32.03 177	P	02 49 25.8 -0.5	ISC
CTA	0.6nm,0.3s,baz=24,slow=11,SNR=3.7		P	02 49 25.8 -0.5	ISC
WRA	Warramunga Arr	33.30 197	P	02 49 36.5 -0.9	ISC
WRA	1.9nm,0.9s,baz=19,slow=9.3,SNR=9.4		P	02 49 36.5 -0.9	ISC
ASAR	Alice Springs	36.96 196	P	02 50 08.8 -0.2	ISC
ASAR	1.7nm,1.0s,baz=18,slow=11,SNR=11		P	02 50 08.8 -0.2	ISC
MKAR	Makanchi Array	62.19 317	P	02 53 20.4 -0.6	ISC
MKAR	0.5nm,0.5s,baz=91,slow=8.2,SNR=9.4		P	02 53 20.4 -0.6	ISC
ZALV	Zalesovo Beam	62.52 325	P	02 53 22.7 -0.3	ISC
ZALV	0.3nm,0.4s,baz=93,slow=6.3,SNR=2.1		P	02 53 22.7 -0.3	ISC
IL					

7d 2h

Table with columns for call sign, name, frequency, and other details. Includes entries like PZH PanZhiHua, LZH Lanzhou, STEA Zeya, etc.

2017 MAR

Table with columns for call sign, name, frequency, and other details. Includes entries like M20K Styx River, AAK Ala-Archa, NRK Noril'sk, etc.

352

Table with columns for call sign, name, frequency, and other details. Includes entries like YKA Yellowknife Ar, BELG Belgomogye, BELG Belgomogye, etc.

Table with columns: GENI, PLAI, WRA, WRA, SRBI, ASAR, ASAR, ASAR, SONM, MKAR, TORO, LPAZ. Includes station names, times, and coordinates.

AEIC 07 03:29:19.9.2.2, 51.3N, 0.2x174.39W, 0.08, h12km, 9km, Error ellipse: s-maj=25.7km s-min=7.5km az=102.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Great Sitkin T, Adak, Kanaga Island, etc.

SEW 022K Cooper Landing 16.50 47 Pn Pn 03 33 08.7 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Castle Rocks, Petropavlovsk, Palmer, etc.

GHO 022K Cooper Landing 16.50 47 Pn Pn 03 33 08.7 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KTH, TRF, SCM, MLY, WRH, etc.

CCB 022K Cooper Landing 16.50 47 Pn Pn 03 33 08.7 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILAR, IL03, H24K, etc.

EGAK Eagle 21.82 39 P P 03 34 08.5 -0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIT, H112, H113, etc.

TXAR Lajitas Array 55.89 84 P P 03 39 06.1 +1.2

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

IDC 07 03:48:57.9.1.9, 5.08S, 133.07E, h0km, mb3.5/1, mbtmp3.7/4, ML3.7/3, MS3.5/2, Error ellipse: s-maj=93.8km s-min=28.0km az=67.0, Aru Islands region

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

Table with columns: MKAR, IDC 07 03:53:24.8.2.5, 7.75S, 131.21E, h0km, mb3.4/1, mbtmp3.5/3, ML3.8/2, Error ellipse: s-maj=129.9km s-min=34.2km az=71.0, Tanimbar Islands region

IDC 07 03:59:40.4.1.3, 36.73N, 69.10E, h0km, mb3.7/10, mbtmp3.7/16, ML3.3/5, MS3.0/1, Error ellipse: s-maj=25.1km s-min=13.9km az=145.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31, KK31, AML, AML, AAK, AAK, etc.

TKM2 07 04:01:14.8.1.6, 9.91N, 138.36E, h0km, mb3.5/5, mbtmp3.5/5, Error ellipse: s-maj=63.1km s-min=32.7km az=82.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1S3, H1S1, H1S2, etc.

IDC 07 04:09:50.4.2.3, 37.68N, 73.00E, h0km, mb3.7/5, mbtmp3.6/10, ML3.1/4, MS2.7/1, Error ellipse: s-maj=45.8km s-min=23.7km az=136.0

IDC 07 04:09:53.7.2.3, 38.03N, 72.25E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=16.3km s-min=14.2km az=5.0

IDC 07 04:09:55.6.1.5, 38.11N, 0.1x172.2E, 0.1, h10km, n14, 0251/19, mb3.5/5, SC-3D, Tajikistan region

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

IDC 07 04:09:50.4.2.3, 37.68N, 73.00E, h0km, mb3.7/5, mbtmp3.6/10, ML3.1/4, MS2.7/1, Error ellipse: s-maj=45.8km s-min=23.7km az=136.0

IDC 07 04:09:53.7.2.3, 38.03N, 72.25E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=16.3km s-min=14.2km az=5.0

IDC 07 04:09:55.6.1.5, 38.11N, 0.1x172.2E, 0.1, h10km, n14, 0251/19, mb3.5/5, SC-3D, Tajikistan region

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

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

Table with columns: AAK, AAK, KK31, KK31, TKM2, TKM2, MKAR, MKAR, KURBB, KURBB, BVAR, BVAR, AKTO, AKTO, ZALV, ZALV, FINES, FINES, ARCES, ARCES, NOA, NOA, TORO, TORO, YKA, YKA

IDC 07 04:18:56.5.1.1, 30.33N, 101.103x4E, 0.3, h35km, n7, 0381/17, mb3.6/5, Sichuan

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

IDC 07 04:37:45.3.1.4, 33.32S, 69.19W, h0km, mb4.0/2, mbtmp3.8/6, ML3.3/4, MS2.9/4, Error ellipse: s-maj=61.2km s-min=15.7km az=112.0

GUC 07 04:37:45.5.0.9, 33.13S, 69.61W, h18km, 2km, ML2.9, ISC 07 04:37:45.4.1.2, 33.14S, 69.63W, 0.04, h11km, 9km, n34, 0092/54, SC-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MT08, MT08, MT04, MT04, etc.

IDC 07 04:01:14.8.1.6, 9.91N, 138.36E, h0km, mb3.5/5, mbtmp3.5/5, Error ellipse: s-maj=63.1km s-min=32.7km az=82.0, Western Caroline Islands

IDC 07 04:09:50.4.2.3, 37.68N, 73.00E, h0km, mb3.7/5, mbtmp3.6/10, ML3.1/4, MS2.7/1, Error ellipse: s-maj=45.8km s-min=23.7km az=136.0

IDC 07 04:09:53.7.2.3, 38.03N, 72.25E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=16.3km s-min=14.2km az=5.0

IDC 07 04:09:55.6.1.5, 38.11N, 0.1x172.2E, 0.1, h10km, n14, 0251/19, mb3.5/5, SC-3D, Tajikistan region

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

IDC 07 04:09:50.4.2.3, 37.68N, 73.00E, h0km, mb3.7/5, mbtmp3.6/10, ML3.1/4, MS2.7/1, Error ellipse: s-maj=45.8km s-min=23.7km az=136.0

IDC 07 04:09:53.7.2.3, 38.03N, 72.25E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=16.3km s-min=14.2km az=5.0

IDC 07 04:09:55.6.1.5, 38.11N, 0.1x172.2E, 0.1, h10km, n14, 0251/19, mb3.5/5, SC-3D, Tajikistan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BO02, BO02, etc.

QIS Mount Isa 8.27 282 P Pn 06 26 47.1 +0.2
CMSA Cobar Meteorol 9.26 194 P Pn 06 26 59.8 -0.5

NINC 07 06:55:29.7, 7.5, 51.41N, 82.22E, h0km, mb2.7, mpv2.3,
Error ellipse: s-maj=80.6km s-min=38.7km az=13.0,
Suspected Mining explosion.
IDC 07 06:55:30.5, 1.5, 51.46N, 81.72E, h0km, mb2.0/1,
ML 1, 8/1, Error ellipse: s-maj=15.8km s-min=12.2km
az=149.0

ISC 07 06:55:30.1, 1.2, 51.46N, 0.08, 81.91E, 0.06, h0km, n8,
+1919/9, 3C-3D, Southwestern Siberia

Code Station Name A° AZ° Phase ID Time Res
KURK Kurchatov 2.20 252 Op ISC h m s ISC
1.0mm, 0.5s Pn 06 56 10.2 -0.6

IDC 07 06:57:39.7, 11.0, 19.30N, 145.02E, h288km, 114km,
mb3.0/8, mbtmp3.7/8, Error ellipse: s-maj=38.6km
s-min=21.2km az=88.0

ISC 07 06:57:40.8, 1.0, 19.30N, 0.2, 145.0E, 0.3, h300km, n8,
+0575/8, mb3.2/8, Mariana Islands

Code Station Name A° AZ° Phase ID Time Res
KLR Kul'dur 31.71 343 Op ISC h m s ISC
0.5mm, 0.3s, baz=138, slow=18, SNR=2.8
0.5mm, 0.3s P 07 03 37.3 +0.3

NEIC 07 07:08:21.8, 1.7, 12.17N, 0.08, 88.90W, 0.07, h10km, 2km,
mb4.5/37, Error ellipse: s-maj=15.0km s-min=9.2km
az=219.0

INET 07 07:08:23.4, 0.7, 12.23N, 88.93W, h15km, 1.4km
IDC 07 07:08:25.0, 2.0, 12.26N, 88.84W, h48km, 1.7km, mb3.7/9,
mbtmp4.1/13, ML3.2/4, MS3.3/14, Error ellipse:
s-maj=36.7km s-min=13.1km az=38.0

SNET 07 07:08:26.5, 3.4, 12.35N, 88.95W, h33km, ML4.6
ISC 07 07:08:25.0, 1.0, 12.19N, 0.05, 89.00W, 0.05, h49km, 10km,
n169, +1937/177, mb4.4/24, MS3.4/12, Off coast of central
America

Code Station Name A° AZ° Phase ID Time Res
ALJI Alcalda de J 1.20 20 Op Pn 07 08 44.5 -0.9
ALJI ALJI eS Pn 07 09 00.6 -0.1
TECO Alcaldia de Te 1.35 9 eP Pn 07 08 46.4 -1.2

JTS comp=E, 126nm, 18.2s, baz=147, slow=37
Las Juntas de 4.40 115 eP Pn 07 09 28.0 -1.2
Las Esperanzas 4.59 89 eP Pn 07 09 30.1 -1.9

TLIG Tiapa 10.68 301 Pn 07 10 55.9 +0.4
PTBC PUERTO BERRIO, 15.41 110 eP Pn 07 12 03.0 -0.1

ROSC El Rosal 16.25 118 eP Pn 07 12 12.4 -0.3
BARC Barichara 16.25 105 eP Pn 07 12 14.5 +0.6

Code Station Name A° AZ° Phase ID Time Res
TAMC Tame, Arauca 17.91 107 eP Pn 07 12 31.7 +0.8
SDV Santo Domingo 18.35 99 P Pn 07 12 34.1 -1.8

SDV comp=Z, 53nm, 18.3s, baz=306, slow=40
PTGC Puerto Gaitan, 18.48 114 eP Pn 07 12 37.3 -0.3

Code Station Name A° AZ° Phase ID Time Res
SDV comp=Z, 20nm, 0.9s
HPIG Higuayama 21.45 316 P Pn 07 13 11.8 +2.3

TXAR Lajitas Ar. Si 21.84 324 P Pn 07 13 14.6 +1.0
Y52A Librub 22.04 11 Iamb Iamb 07 13 15.9 +0.4

TX31 Lajitas Ar. Si 21.84 324 P Pn 07 13 14.6 +1.0
Y52A Librub 22.04 11 Iamb Iamb 07 13 15.9 +0.4

Code Station Name A° AZ° Phase ID Time Res
X40A Basin Creek Fa 22.47 352 P Pn 07 13 20.9 +0.8
ABTX Abitene, Hawke 22.56 336 P Iamb Iamb 07 13 22.9 +1.7

MIAR comp=Z, 11nm, 0.9s
MIAR Mount Ida 22.64 350 P Pn 07 13 22.8 +0.9

UJALR University of 22.69 353 P Iamb Iamb 07 13 23.9 +1.5

JSG San Juan 22.82 72 LR LR 07 22 14.1

BIRD Birdtown, Kers 23.66 18 P Iamb Iamb 07 13 33.4 +1.4

POST Post 23.72 333 P Pn 07 13 32.5 -0.3

FCAR Ozark Folk Cen 23.76 354 P Pn 07 13 34.4 +1.4

TKL Tuckaleechee C 23.84 11 P LR 07 13 33.7 0.0

TKL Tuckaleechee C 23.84 11 P Iamb Iamb 07 13 33.6 0.0

W3SA W3SA 23.95 344 P Iamb Iamb 07 13 34.1 -0.6

W3SA Saluda 20.14 2 P Pn 07 13 36.4 +0.9

FNO Franklin 24.19 343 P Pn 07 13 37.3 +0.4

W57A W57A 24.27 18 P Iamb Iamb 07 13 39.2 +1.6

T47A T47A 24.75 4 P Pn 07 13 42.6 +0.7

W58A Windy Hill, Pi 25.14 19 P Pn 07 13 45.8 +0.3

PSGC Pisagua 1.31 304 I/P Pn 07 19 43.5 +0.1

PSGC Pisagua 1.31 304 eS Pn 07 19 43.5 +0.1

PSGC Pisagua 1.31 304 I/P Pn 07 19 43.5 +0.1

NVAR comp=Z, 1.2nm, 0.8s, baz=134, slow=8, SNR=8.8
comp=Z, 1.3nm, 0.7s, baz=136, slow=4, SNR=9.7

NVAR comp=Z, 0.1nm, 0.4s, baz=117, slow=5.4, SNR=1.7
comp=Z, 1.2nm, 0.8s

VILB Vilhena 37.95 130 P Pn 07 15 37.2 -1.0
ULM Lac du Bonnet 38.37 353 P Pn 07 15 41.4 +0.1

MCMT McKenzie Cany 38.39 332 P Pn 07 15 43.3 +1.4

YBH Yreka Blue Hor 41.59 321 LR LR 07 37 15.3

SCHO Schefferville 45.97 18 P Pn 07 16 42.2 -0.9

SCHO comp=Z, 3.5nm, 0.7s, baz=223, slow=9.4, SNR=1.1
comp=Z, 2.5nm, 0.7s, baz=249, slow=6.0, SNR=3.7

CFA Coronel Fontan 47.88 156 P Pn 07 18 26.9 +0.5

FRB Froisher Bay 53.46 11 LR LR 07 41 41.4

YKA Yellowknife Ar 53.47 346 P Pn 07 17 39.1 -0.9

YKA comp=Z, 2.0nm, 0.9s, baz=144, slow=7.7, SNR=29
comp=Z, 1.9nm, 1.0s

SFJD Kangerlussuaq 60.38 16 LR LR 07 45 31.5

ILAR Eielson Array 65.65 337 P Pn 07 19 02.6 -1.3

JMIC Jan Mayen 75.45 20 LR LR 07 52 32.0

NOA NORSTAR Array B 84.32 29 LR LR 07 58 10.2

TORD Torodi Ar, Bea 87.94 77 P Pn 07 21 08.9 -1.4

WRA Warramunga Arr 137.74 254 PKP PKPdf 07 27 44.0 -0.8

ASAR Alice Springs 137.77 248 PKP PKPdf 07 27 44.2 -0.6

CMAR Chiang Mai Arr 148.55 345 PKPbc PKPbc 07 28 06.9 -0.5

IDC 07 07:15:39.0, 4.9, 21.09S, 168.01E, h0km, mb3.5/2,
mbtmp3.5/2, MS3.3/2, Error ellipse: s-maj=153.2km
s-min=33.1km az=136.0

NOU 07 07:15:40.9, 2.1, 19.9S, 168.29E, h0km, MLV3.7/5, Loyalty
Islands
ISC 07 07:15:40.4, 2.1, 19.9S, 0.4, 168.5E, 0.2, h35km, n11,
+0556/10, Loyalty Islands

Code Station Name A° AZ° Phase ID Time Res
YATNC Mamie plateau, 1.54 262 P Pn 07 16 05.2 -0.2

WRA Warramunga Arr 31.97 267 P Pn 07 22 02.9 -0.5

GERES GRESS Array B 146.44, 329 PKPbc PKPab 07 35 18.4 -0.3

SJA 07 07:19:17.5, 0.8, 20.35S, 68.97W, h125km, 4km, ML4.1,
MW3.9, Hypocentre not reviewed by the ISC

NEIC 07 07:19:17.1, 1.8, 20.33S, 0.06, 69.03W, 0.09, h126km, 7km,
mb4.1/6, ML4.0(GUC), Error ellipse: s-maj=12.3km
s-min=9.0km az=85.0

IDC 07 07:19:19.1, 0.8, 20.35S, 68.70W, h123km, 6km, mb3.7/5,
mbtmp4.1/9, Error ellipse: s-maj=25.3km s-min=8.7km
az=99.0

GUC 07 07:19:19.2, 0.7, 20.33S, 68.91W, h116km, 3km, ML4.0
VAO 07 07:19:21.1, 0.4, 20.25S, 68.81W, h131km, mb4.2

ISC 07 07:19:18.0, 0.5, 20.34S, 0.03, 68.99W, 0.06, h121km, 4km,
n88, +0893/104, mb4.1/5, 11C-2D, Chile-Bolivia border
region

Code Station Name A° AZ° Phase ID Time Res
PB08 IPOC Station P 0.26 320 Op Pn 07 19 35.8 +0.3

GO01 Chuzmiza 0.70 343 P Pn 07 19 38.5 +0.4

TA02 Huaiquique 1.09 273 eS Pn 07 19 41.5 +0.5

TA02 Huaiquique 1.09 273 eP Pn 07 19 41.5 +0.5

TA01 Diego Aracena 1.15 259 Pn Pn 07 19 42.0 +0.3

TA01 Diego Aracena 1.15 259 I/P Sn Pn 07 19 42.0 +0.3

TA01 Diego Aracena 1.15 259 eS Pn 07 19 42.0 +0.3

TA02 Huaiquique 1.09 273 eS Pn 07 19 41.5 +0.5

TA02 Huaiquique 1.09 273 eP Pn 07 19 41.5 +0.5

TA01 Diego Aracena 1.15 259 Pn Pn 07 19 42.0 +0.3

TA01 Diego Aracena 1.15 259 I/P Sn Pn 07 19 42.0 +0.3

TA01 Diego Aracena 1.15 259 eS Pn 07 19 42.0 +0.3

Table with columns: DZN, KPKS, UZB, BLB. Includes station names like Dzhankel'dy, Kopek, Uzynbulak, Baldybastay and various parameters like magnitude, distance, and time.

NOU 07 08:19:51.8, 42:57S: 173.10E, h0km, MLV3.777, South Island, New Zealand
WEL 07 08:19:53.0, 42:57S: 173.31E, h3km, 3km, M2.9/11, ML3.1/13, MLV2.9/11, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Kahutara, Greta Valley, Lake Taylor, etc.

IDC 07 08:27:10.7, 51.49, 65N: 81.45E, h0km, mbtmp2.3/2, ML1.8/2, Error ellipse: s-maj=24.0km s-min=8.0km az=54.0
NNC 07 08:27:12.0, 2.9, 49.72N: 81.61E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=46.1km s-min=8.1km az=50.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Kurchatov, Kurchatov Arra, Kurchatov Arra, etc.

IDC 07 08:33:47.2, 4.2, 54.10N: 86.38E, h0km, mbtmp3.1/2, ML2.6/2, Error ellipse: s-maj=19.0km s-min=11.2km az=63.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Zalesovo Beam, Kurchatov Arra, Kurchatov Arra, etc.

IDC 07 08:40:10.4, 2.5, 53.61N: 86.86E, h0km, mbtmp2.6/2, ML2.3/2, Error ellipse: s-maj=24.6km s-min=14.1km az=71.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Zalesovo Beam, Kurchatov Arra, Kurchatov Arra, etc.

NNC 07 08:41:24.4, 1.2, 51.70N: 75.36E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=21.8km s-min=8.0km az=22.0, Suspected Mining explosion.

IDC 07 08:41:25.3, 1.0, 51.58N: 75.38E, h0km, mbtmp2.7/4, ML2.2/4, Error ellipse: s-maj=22.8km s-min=8.4km az=31.0

ISC 07 08:41:24.8, 1.0, 51.57N: 07.75, 39E: 0.04, h0km, n12, 103/15, 8C-5D, Eastern Kazakhstan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Kurchatov Arra, Kurchatov Arra, Kurchatov Arra, etc.

IDC 07 08:45:49.5, 2.5, 53.65N: 86.94E, h0km, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=21.5km s-min=13.5km az=70.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Zalesovo Beam, Kurchatov Arra, Kurchatov Arra, etc.

DDA 07 09:02:04.1, 0.0, 37.67N: 32.41E, h7km, 2km, ML1.5, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Konya-Merem, Konya-Merem, Konya-Merem, etc.

ISK 07 09:03:00.6, 36.14N: 33.53E, h0km, ML1.7/8, Suspected Mining explosion., Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Akkuyu-Mersin, Akkuyu-Mersin, Akkuyu-Mersin, etc.

IDC 07 09:24:32.0, 2.7, 53.75N: 86.91E, h0km, mbtmp2.9/2, ML2.4/2, Error ellipse: s-maj=24.7km s-min=14.0km az=71.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Zalesovo Beam, Kurchatov Arra, Kurchatov Arra, etc.

Table with columns: KURBB, MKAR, MKAR, MKAR. Includes station names like Kurchatov Arra, Makanchi Array, Kurchatov Arra, etc.

IDC 07 09:29:07.1, 836.0, 52.63N: 5.08E, h0km, Error ellipse: s-maj=368.7km s-min=140.9km az=109.0, The Netherlands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Freyung Infrass, Dubna Infrason, Aktyubinsk Inf, Zalesovo Infrass, etc.

NNC 07 09:32:40.9, 2.0, 54.15N: 86.66E, h0km, mb3.2, mpv3.0, Error ellipse: s-maj=18.9km s-min=9.2km az=10.0, Suspected Mining explosion.

IDC 07 09:32:44.9, 2.1, 54.00N: 86.37E, h0km, mbtmp3.5/2, ML3.2/2, Error ellipse: s-maj=17.2km s-min=10.6km az=64.0

ISC 07 09:32:46.5, 4.5, 54.00N: 02.86, 2E: 0.2, h0km, n9, 08/71/2, 8C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Zalesovo Infrass, Zalesovo Beam, Kurchatov Arra, Kurchatov Arra, etc.

KRSC 07 09:37:26.2, 1.4, 50.18N: 156.58E, h105km, 13km, M14.0, Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Severo-Kuril's, Pauzhetka, Khotudka, Kamc, Goretly, Russkaya, etc.

MOS 07 09:45:52.7, 1.2, 42.27N: 144.88E, h51km, mb4.6/1, Error ellipse: s-maj=12.5km s-min=7.0km az=80.5

NEIC 07 09:45:53.2, 7.2, 42.37N: 0.05, 145E: 0.2, h50km, 9km, mb4.1/5, Error ellipse: s-maj=19.9km s-min=9.1km az=100.0

NIED 07 09:45:54.5, 42.40N: 144.79E, h44km, MW4.0, Moment tensor solution: s3 Moment tensor: Scale: 1015Nm; Mw=0.67; Mm0=0.89; Mm=0.22; Mo=0.93; Mm=0.34; Mw=0.32; Fault plane solution: M1: 3100x0°1015° NP1: phi=259.00000°, delta=673.00000°, lambda=115.00000°. NP2: phi=135.00000°, delta=830.00000°, lambda=37.00000°. M4: 3/39, SE OFF TOKACHI

JMA 07 09:45:54.5, 4.1, 42.4N: 0.2, 144.8E: 0.4, h44km, MD4.2/39, M4/3/39, SE OFF TOKACHI

JMA Felt II J1 at SE OFF TOKACHI

IDC 07 09:45:54.1, 2.3, 42.34N: 144.88E, h42km, 19km, mb3.7/17, mbtmp3.9/21, ML2.6/3, MS3.3/11, Error ellipse: s-maj=17.4km s-min=12.6km az=94.0

SKHL 07 09:45:55.0, 0.2, 42.40N: 144.80E, h66km, 3km, mb5.2/8

ISC 07 09:45:54.4, 0.9, 42.39N: 0.06, 144.8E: 0.04, h46km, 9km, n9, 18/24/9/2, mb3.9/20, MS3.3/20, 3C-4D, Hokkaido region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Akkeshi, Akkeshi, Akkeshi, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like LuoYang, HongShan, Papeete, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Urumqi, White Mountain, Big River Lodge, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Chuyangaron, Borovoye Array, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KBL, TKM2, KST, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZALV, SHL, ARU, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TORD, TOLK, A36M, etc.

IDC 07 09:50:05.6:1.0, 59.80N, 153.03W, h100km, 12km, mb3.6/1.1, mbmtpd.1/16, Error ellipse: s-maj=15.6km s-min=9.5km az=114.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like P19K, ILSW, etc.

BRLL	baz=22	Bradley Lake	1.03	90	Pn	09 50 29.1 +0.5	SML	baz=101	Sawmill	3.04	46	Pn	09 50 53.5 +0.1	L26K	baz=207	Log Cabin Wild	5.63	51	Pn	09 51 29.8 +1.7
BRLL	comp=N,7j,m,0.4s	Bradley Lake	1.03	90	IAML	09 50 45.6	SML	comp=E,759nm,0.9s				IAML	09 51 30.3	I23K	Minto, Yukon-K	5.64	15	P	09 51 28.0 -0.1	
BRLL	comp=E,5j,m,0.2s	Bradley Lake S			IAML	09 50 47.3	SML	comp=N,907nm,0.5s				IAML	09 51 35.2	I23K	Minto, Yukon-K	5.64	15	P	09 51 27.8 -0.6	
BRSE	baz=272,SNR=245	Bradley Lake S	1.10	91	P	09 50 29.8 +0.4	SML	baz=230,SNR=28	3.04	46	P	09 50 53.1 -0.2	MDM	Murphy Dome	5.64	21	Pn	09 51 27.7 -0.6		
BRSE	baz=272	Bradley Lake S	1.10	91	P	09 50 29.8 +0.4	SML	baz=230,SNR=28	3.04	46	P	09 50 53.1 -0.2	BARN	Barnard Glacie	5.73	72	Pn	09 51 30.5 +0.9		
O18K	baz=94	Koktuh Hills	1.16	275	S	09 50 46.5 0.0	PPLA	baz=230	3.15	6	P	09 50 56.0 +1.1	DOT	Dot Lake	5.73	44	Pn	09 51 30.1 +0.7		
O18K	baz=94,SNR=143	Koktuh Hills	1.16	275	P	09 50 29.7 -0.2	PPLA	Purkeypile	3.15	6	P	09 50 56.0 +1.1	IL31	Ilar	5.75	27	Pn	09 51 28.9 -0.8		
O18K	baz=94	Koktuh Hills	1.16	275	P	09 50 29.7 -0.2	PPLA	Purkeypile	3.15	6	P	09 50 56.0 +1.1	ILAR	Eielson Array	5.75	27	Pn	09 51 28.9 -0.8		
Q20K	baz=346	Shuyak Island	1.20	167	P	09 50 30.7 +0.3	M23K	Clear View	3.25	49	P	09 51 56.1 -0.1	ILAR	comp=N,43nm,0.4s,ba	5.75	27	Pn	09 51 28.9 -0.8		
Q20K	baz=346,SNR=114	Shuyak Island	1.20	167	P	09 50 30.7 +0.3	M23K	Clear View	3.25	49	P	09 51 56.1 -0.1	ILAR	comp=N,19nm,0.3s,ba	5.75	27	Pn	09 51 28.9 -0.8		
P18K	baz=71	Big Mountain, P18K	1.24	253	P	09 50 30.4 -0.5	R16K	Pilot Point	3.29	230	P	09 50 56.8 +0.2	H21K	Melozina River	5.90	0	P	09 51 31.5 -0.3		
P18K	baz=71	Big Mountain, P18K	1.24	253	P	09 50 30.4 -0.5	R16K	Pilot Point	3.29	230	P	09 50 56.8 +0.2	H21K	Melozina River	5.90	0	P	09 51 31.1 -0.7		
N19K	baz=144	Bonanza Creek	1.33	41	P	09 50 34.3 +2.4	R16K	Pilot Point	3.29	230	P	09 50 56.8 +0.2	POKR	Poker Plat Res	5.93	23	Pn	09 51 32.0 -0.1		
N19K	baz=144	Bonanza Creek	1.33	41	P	09 50 34.3 +2.4	R16K	Pilot Point	3.29	230	P	09 50 56.8 +0.2	POKR	Poker Plat Res	5.93	23	Pn	09 51 31.8 -0.4		
N19K	baz=144	Bonanza Creek	1.33	41	P	09 50 34.3 +2.4	R16K	Pilot Point	3.29	230	P	09 50 56.8 +0.2	M27K	Edge Creek, AK	5.95	59	Pn	09 51 34.0 +1.5		
N19K	baz=144	Bonanza Creek	1.33	41	P	09 50 34.3 +2.4	R16K	Pilot Point	3.29	230	P	09 50 56.8 +0.2	M27K	Edge Creek, AK	5.95	59	Pn	09 51 33.9 +1.3		
CAPN	baz=223,SNR=80	Captain Cook N	1.33	41	P	09 50 34.2 +2.4	Q23K	Middleton Isla	3.36	93	Pn	09 50 58.5 +1.0	SCRK	Sand Creek	5.96	41	Pn	09 51 32.1 -0.6		
CAPN	baz=223,SNR=80	Captain Cook N	1.33	41	P	09 50 34.2 +2.4	Q23K	Middleton Isla	3.36	93	Pn	09 50 58.5 +1.0	SCRK	Sand Creek	5.96	41	Pn	09 51 31.9 -0.8		
SPCR	baz=195,SNR=193	Spurr Chachaka	1.47	14	P	09 50 34.1 +0.6	Q23K	Middleton Isla	3.36	93	Pn	09 50 58.5 +1.0	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8		
SPCR	baz=195,SNR=193	Spurr Chachaka	1.47	14	P	09 50 34.1 +0.6	Q23K	Middleton Isla	3.36	93	Pn	09 50 58.5 +1.0	SDPT	Sand Point	6.02	226	Pn	09 51 33.4 +0.1		
SPU	baz=195	Mount Spurr	1.47	17	Pn	09 50 34.1 +0.6	Q23K	Middleton Isla	3.36	93	Pn	09 50 58.5 +1.0	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8		
SLKM	baz=71	Skilak Lake	1.54	60	Pn	09 50 34.6 +0.1	Q23K	Middleton Isla	3.36	93	Pn	09 50 58.5 +1.0	SDPT	Sand Point	6.02	226	Pn	09 51 33.5 +0.1		
O19K	baz=42,SNR=132	Katima One	1.56	24	P	09 50 34.6 +0.1	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
O19K	baz=42,SNR=132	Katima One	1.56	24	P	09 50 34.6 +0.1	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
Q18K	baz=42	Cooper Landing	1.75	65	IAML	09 50 37.7 +0.9	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
Q22K	comp=E,4j,m,0.7s	Cooper Landing	1.75	65	P	09 50 37.6 +0.9	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
Q22K	comp=E,4j,m,0.7s	Cooper Landing	1.75	65	P	09 50 37.6 +0.9	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
Q22K	comp=E,4j,m,0.7s	Cooper Landing	1.75	65	P	09 50 37.6 +0.9	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
SEW	baz=247	Seward	1.78	78	Pn	09 50 37.3 +0.2	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
SEW	baz=247	Seward	1.78	78	Pn	09 50 37.3 +0.2	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
SEW	baz=260,SNR=107	Seward	1.78	78	Pn	09 50 37.3 +0.2	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
SEW	baz=260,SNR=107	Seward	1.78	78	Pn	09 50 37.3 +0.2	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
SVW2	baz=260	Sparvevoh	1.87	316	Pn	09 50 38.2 -0.1	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
SVW2	baz=260	Sparvevoh	1.87	316	Pn	09 50 38.2 -0.1	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
FIS	comp=E,2j,m,0.5s	Fire Island	1.92	43	IAML	09 51 11.3	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
FIS	comp=E,2j,m,0.5s	Fire Island	1.92	43	IAML	09 51 11.3	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
SUA	comp=N,3j,m,0.5s	Susitna One	2.00	31	Pn	09 50 41.1 +1.0	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
SUA	comp=N,3j,m,0.5s	Susitna One	2.00	31	Pn	09 50 41.1 +1.0	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
SUA	comp=N,3j,m,0.5s	Susitna One	2.00	31	Pn	09 50 41.1 +1.0	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
SUA	comp=N,3j,m,0.5s	Susitna One	2.00	31	Pn	09 50 41.1 +1.0	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
KDAK	baz=214	Kodiak Island	2.01	175	Pn	09 50 39.2 -0.8	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
KDAK	comp=N,822nm,0.3s,ba	Kodiak Island	2.01	175	Pn	09 50 39.2 -0.8	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
KDAK	comp=N,822nm,0.3s,ba	Kodiak Island	2.01	175	Pn	09 50 39.2 -0.8	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
KDAK	comp=N,822nm,0.3s,ba	Kodiak Island	2.01	175	Pn	09 50 39.2 -0.8	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
KDAK	comp=N,1j,m,0.4s	Kodiak Island	2.01	175	Pn	09 50 39.3 -0.8	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
KDAK	comp=N,1j,m,0.4s	Kodiak Island	2.01	175	Pn	09 50 39.3 -0.8	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
RC01	comp=N,1j,m,0.5s	Rabbit Creek	2.06	49	IAML	09 50 41.1 +0.5	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
RC01	comp=N,1j,m,0.5s	Rabbit Creek	2.06	49	IAML	09 50 41.1 +0.5	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
RC01	comp=N,1j,m,0.5s	Rabbit Creek	2.06	49	IAML	09 50 41.1 +0.5	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
RC01	comp=N,1j,m,0.5s	Rabbit Creek	2.06	49	IAML	09 50 41.1 +0.5	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
O17K	baz=232	Koliganek Bris	2.11	272	P	09 51 06.3 -0.2	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
O17K	baz=232	Koliganek Bris	2.11	272	P	09 51 06.3 -0.2	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
O17K	baz=232	Koliganek Bris	2.11	272	P	09 51 06.3 -0.2	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
O17K	baz=232	Koliganek Bris	2.11	272	P	09 51 06.3 -0.2	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
M20K	baz=89	Styx River	2.12	357	Pn	09 50 42.3 +0.8	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
M20K	baz=89	Styx River	2.12	357	Pn	09 50 42.3 +0.8	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
M20K	baz=89	Styx River	2.12	357	Pn	09 50 42.3 +0.8	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
M20K	baz=89	Styx River	2.12	357	Pn	09 50 42.3 +0.8	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
Q17K	baz=178,SNR=174	Contact	2.16	227	P	09 50 42.0 -0.1	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
Q17K	baz=178,SNR=174	Contact	2.16	227	P	09 50 42.0 -0.1	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
Q17K	baz=178,SNR=174	Contact	2.16	227	P	09 50 42.0 -0.1	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
Q17K	baz=178,SNR=174	Contact	2.16	227	P	09 50 42.0 -0.1	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
Q16K	baz=58,SNR=13	King Salmon	2.21	242	P	09 50 42.8 +0.2	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
Q16K	baz=58,SNR=13	King Salmon	2.21	242	P	09 50 42.8 +0.2	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226	Pn	09 51 32.5 -0.8	
M19K	baz=162	Big River Lodg	2.25	342	P	09 50 43.6 +0.4	MID	comp=N,470nm,0.4s				IAML	09 51 38.8	SDPT	Sand Point	6.02	226			

D23K	Nanushuk River	9.28	5	P	Pn	09 52 17.2	-0.2
M31M	Drury Creek, Y	9.32	67	P	Pn	09 52 19.1	+1.1
M31M	Drury Creek, Y	9.32	67	P	Pn	09 52 19.1	+1.1
RDOG	Red Dog Mine	9.39	336	Pn	Pn	09 52 19.2	+0.4
RDOG	Red Dog Mine	9.39	336	Pn	Pn	09 52 18.6	-0.2
UNV	Unalaska Valle	9.52	237	P	Pn	09 52 19.5	-1.1
UNV	Unalaska Valle	9.52	237	P	Pn	09 52 19.2	-1.4
R32K	Eaglecrest	9.60	91	P	Pn	09 52 22.7	+0.9
SIT	Sitka	9.62	99	P	Pn	09 52 21.7	-0.3
SIT	Sitka	9.62	99	P	Pn	09 52 21.0	-1.0
JIS	Juneau Island	9.67	91	Pn	Pn	09 52 24.7	+2.0
JIS	Juneau Island	9.67	91	Pn	Pn	09 52 24.9	+2.2
P32M	Atlin	9.71	83	P	Pn	09 52 23.9	+0.6
E27K	Coleen River	9.78	26	P	Pn	09 52 23.0	-1.1
FARO	Faro, Yukon	9.81	67	P	Pn	09 52 26.4	+1.8
FARO	Faro, Yukon	9.81	67	P	Pn	09 52 25.0	+0.4
S32K	Killisnoo	9.84	96	P	Pn	09 52 25.4	+0.5
EPYK	Eagle Plains	9.86	41	P	Pn	09 52 26.7	+1.5
EPYK	Eagle Plains	9.86	41	P	Pn	09 52 25.9	+0.6
D25K	Kavik River	9.98	14	P	Pn	09 52 26.1	-0.8
P33M	Teslin, Yukon	10.07	79	Pn	Pn	09 52 30.1	+1.8
P33M	Teslin, Yukon	10.07	79	Pn	Pn	09 52 28.2	0.0
C24K	Franklin Bluff	10.14	8	P	Pn	09 52 28.0	-1.1
G30M	tAoh Zrail Nji	10.38	39	Pn	Pn	09 52 31.1	-1.1
Q32M	Nakina River	10.56	85	P	Pn	09 52 34.9	-0.1
C27K	Jago River	10.63	18	P	Pn	09 52 34.5	-1.1
C26K	Camden Bay	10.72	15	P	Pn	09 52 35.8	-1.0
U33K	Whale Pass	11.13	101	P	Pn	09 52 41.8	-0.5
WRAK	Wrangell Islan	11.38	98	Pn	Pn	09 52 46.5	+0.8
WRAK	Wrangell Islan	11.38	98	Pn	Pn	09 52 46.2	+0.5
S34M	Telegraph Cree	11.43	90	P	Pn	09 52 47.9	+1.5
F31M	Tsiigetchic	11.43	40	P	Pn	09 52 44.9	-1.4
CRAG	Craig	11.44	103	P	Pn	09 52 47.5	+1.0
CRAG	Craig	11.44	103	P	Pn	09 52 46.8	+0.3
A21K	Barrow	11.69	354	Pn	Pn	09 52 47.1	-2.6
A21K	Barrow	11.69	354	Pn	Pn	09 52 47.2	-2.6
DLBC	Dease Lake	11.83	87	P	Pn	09 52 52.2	+0.5
DLBC	Dease Lake	11.83	87	P	Pn	09 52 53.2	+1.5
DLBC	Dease Lake	11.83	87	P	Pn	09 52 53.9	+2.1
INK	Inuvik	11.99	36	P	Pn	09 52 53.3	-0.4
INK	Inuvik	11.99	36	P	Pn	09 52 53.3	-0.4
INK	Inuvik	11.99	36	Pn	Pn	09 52 53.5	-0.2
INK	Inuvik	11.99	36	Pn	Pn	09 52 52.8	-0.9
T35M	Bob Quinn	12.20	93	P	Pn	09 52 58.8	+2.2
V35K	Ketchikan	12.26	102	P	Pn	09 52 58.2	+1.0
KOTAN	Kotaneleele Air	14.42	76	P	Pn	09 53 27.0	+1.8
ADK	Adak	15.44	250	P	P	09 53 39.8	-0.4
C36M	Paulatuk	15.49	40	Pn	IAMB	09 53 36.5	-2.0
C36M	Paulatuk	15.49	40	P	Pn	09 53 38.2	0.0
C36M	Paulatuk	15.49	40	P	Pn	09 53 36.0	-2.6
A36M	Sachs Harbour	16.43	31	Pn	Pn	09 53 48.8	-1.4
A36M	Sachs Harbour	16.43	31	Pn	Pn	09 53 48.6	-1.6
YKA	Yellowknife Ar	18.51	65	P	Pn	09 54 15.1	-0.2
YKA	Yellowknife Ar	18.51	65	P	Pn	09 54 15.1	-0.2
YKA	Yellowknife Ar	18.51	65	P	Pn	10 02 04.2	+1.3
YKA	Yellowknife Ar	18.51	65	P	Pn	09 54 14.8	-0.6
BILL	Bilibino	19.39	312	P	P	09 54 22.1	-1.3
RES	Resolute Bay	25.48	32	P	P	09 55 24.1	+0.4
RES	Resolute Bay	25.48	32	P	P	09 55 24.5	+0.8
RES	Resolute Bay	25.48	32	P	IAMB	09 55 51.2	0.0
PETK	Petropavlovsk	27.53	278	P	P	09 55 42.1	-0.3
PETK	Petropavlovsk	27.53	278	P	P	09 55 43.5	+1.1
FCC	Fort Churchill	29.23	66	P	IAMB	09 55 59.3	+1.9
FCC	Fort Churchill	29.23	66	P	IAMB	09 58 33.1	0.0
NVAR	Mina Array Bea	30.58	119	P	P	09 56 09.2	-0.6
NVAR	Mina Array Bea	30.58	119	P	P	09 56 09.2	-0.6
SPITS	Spitsbergen Ar	42.14	3	P	P	09 57 48.0	+0.8
SCHQ	Schefferville	49.65	57	P	P	09 58 00.4	+0.8
SCHQ	Schefferville	49.65	57	P	P	09 58 00.4	+0.8
KSR5	Korea Array	53.27	283	P	P	09 59 13.1	-0.3
KSR5	Korea Array	53.27	283	P	P	09 59 13.1	-0.3
SONM	Songino Array	54.95	306	P	P	09 59 26.0	+0.3
SONM	Songino Array	54.95	306	P	P	09 59 26.0	+0.3
ZALV	Zalesovo Beam	57.58	324	P	P	09 59 44.2	+0.1
ZALV	Zalesovo Beam	57.58	324	P	P	09 59 44.2	+0.1
HHC	Hu-ho-hao-te	58.32	297	eP	P	09 59 50.9	+1.3
HHC	Hu-ho-hao-te	58.32	297	eP	P	09 59 50.9	+1.3
HHC	Hu-ho-hao-te	58.32	297	eP	P	09 59 50.9	+1.3
MKAR	Makanchi Array	64.63	321	P	P	10 00 31.0	-0.8
MKAR	Makanchi Array	64.63	321	P	P	10 00 31.0	-0.8
WMQ	Urumqi	65.45	316	eP	P	10 00 41.0	+3.8
PZH	PanZhiHua	74.75	296	P	P	10 01 34.7	+0.4
PZH	PanZhiHua	74.75	296	P	P	10 01 34.7	+0.4
PZH	PanZhiHua	74.75	296	P	P	10 01 34.7	+0.4
ESDC	Sonsecra Array	77.64	24	P	P	10 01 50.6	+0.2
ESDC	Sonsecra Array	77.64	24	P	P	10 01 50.6	+0.2
CMAR	Chiang Mai Arr	83.00	295	P	P	10 02 17.9	-1.4
CMAR	Chiang Mai Arr	83.00	295	P	P	10 02 17.9	-1.4

ECL	Taimali	0.24	326	P	Pn	09 50 54.8	-0.2
ECL	Taimali	0.24	326	P	Pn	09 51 01.0	+0.3
TTN	Taitung	0.36	7	eP	Pn	09 50 56.8	+0.7
TGWB	Beinan	0.42	357	eP	Pn	09 50 56.3	-0.6
TGWB	Beinan	0.42	357	eP	Pn	09 50 56.3	-0.6
TGWB	Pinlang	0.42	356	P	Pn	09 51 03.9	0.0
TGWB	Pinlang	0.42	356	P	Pn	09 50 56.3	-0.6
LDUT	Ludao	0.44	51	eP	Pn	09 50 56.5	-0.5
LDUT	Ludao	0.44	51	eP	Pn	09 50 56.5	-0.5
SCZT	Fangliu	0.45	267	P	Pn	09 50 56.9	-0.2
SCZT	Fangliu	0.45	267	P	Pn	09 50 56.9	-0.2
SMST	Manzhou Townsh	0.45	213	P	Pn	09 50 57.0	-0.1
SMST	Manzhou Townsh	0.45	213	P	Pn	09 50 57.0	-0.1
MASBT	Mashbuluo	0.48	296	P	Pn	09 51 07.4	-0.2
MASBT	Mashbuluo	0.48	296	P	Pn	09 51 07.4	-0.2
LONT	Longtian	0.51	3	P	Pn	09 50 57.4	-0.5
LONT	Longtian	0.51	3	P	Pn	09 50 57.4	-0.5
HEN	Hengchun	0.52	221	P	Pn	09 50 58.1	+0.1
HEN	Hengchun	0.52	221	P	Pn	09 50 58.1	+0.1
TSMG	Majia	0.52	306	eP	Pn	09 50 58.2	+0.1
TSMG	Majia	0.52	306	eP	Pn	09 50 58.2	+0.1
TWKB	Hengchun	0.53	210	P	Pn	09 50 58.1	0.0
TWKB	Hengchun	0.53	210	P	Pn	09 50 58.1	0.0
TSEB	Hengchun, Pin	0.53	201	P	Pn	09 50 58.6	+0.4
TSEB	Hengchun, Pin	0.53	201	P	Pn	09 50 58.6	+0.4
TWK1	Hengchun	0.53	211	eP	Pn	09 50 58.5	+0.3
TWK1	Hengchun	0.53	211	eP	Pn	09 50 58.5	+0.3
LAY	Lan-yu	0.55	130	P	Pn	09 50 57.6	-0.8
LAY	Lan-yu	0.55	130	P	Pn	09 50 57.6	-0.8
LYUB	Lan-yu	0.60	131	eP	Pn	09 50 57.1	-1.9
LYUB	Lan-yu	0.60	131	eP	Pn	09 50 57.1	-1.9
EDH	Donghe	0.60	18	eP	Pn	09 51 08.8	-0.3
EDH	Donghe	0.60	18	eP	Pn	09 51 08.8	-0.3
TSPT	Pingtung City	0.62	297	eP	Pn	09 50 59.6	+0.2
TSPT	Pingtung City	0.62	297	eP	Pn	09 51 10.2	+1.8
SGLT	Jiouru	0.65	300	eP	Pn	09 50 60.0	+0.2
SGLT	Jiouru	0.65	300	eP	Pn	09 50 60.0	+0.2
EWC	Hsiaoiluchiu	0.69	266	eP	Pn	09 51 01.2	+1.0
EWC	Hsiaoiluchiu	0.69	266	eP	Pn	09 51 01.2	+1.0
TCS	Chishang	0.70	9	eP	Pn	09 51 00.5	0.0
TCS	Chishang	0.70	9	eP	Pn	09 51 00.5	0.0
SLGT	Lituan	0.73	325	eP	Pn	09 51 01.6	+0.8
SLGT	Lituan	0.73	325	eP	Pn	09 51 01.6	+0.8
CHKT	Chengkung	0.74	19	eP	Pn	09 51 00.7	-0.2
CHKT	Chengkung	0.74	19	eP	Pn	09 51 00.7	-0.2
SCST	Cishan	0.74	311	eP	Pn	09 51 01.2	+0.3
SCST	Cishan	0.74	311	eP	Pn	09 51 01.2	+0.3
EHWD	Haiduan	0.75	7	P	Pn	09 51 00.7	-0.5
EHWD	Haiduan	0.75	7	P	Pn	09 51 00.7	-0.5
TWHM	Shoushan	0.76	304	P	Pn	09 51 01.7	+0.6
TWHM	Shoushan	0.76	304	P	Pn	09 51 01.7	+0.6
ELDTW	Lidau	0.79	354	eP	Pn	09 51 02.1	+0.4
ELDTW	Lidau	0.79	354	eP	Pn	09 51 02.1	+0.4
FULB	Fuli	0.82	13	eP	Pn	09 51 01.9	-0.1
FULB	Fuli	0.82	13	eP	Pn	09 51 01.9	-0.1
STYH	Taoyuan	0.82	339	P	Pn	09 51 02.4	+0.3
STYH	Taoyuan	0.82	339	P	Pn	09 51 02.4	+0.3
SGST	Jiashan	0.83	325	eP	Pn	09 51 01.2	-1.0
SGST	Jiashan	0.83	325	eP	Pn	09 51 01.2	-1.0
SHHT	Tainan City	0.93	312	P	Pn	09 51 04.2	+0.7
SHHT	Tainan City	0.93	312	P	Pn	09 51 04.2	+0.7
CHN1	Nanshi	0.94	326	eP	Pn	09 51 03.5	-0.3
CHN1	Nanshi	0.94	326	eP	Pn	09 51 03.5	-0.3
WTP	Ta-pu	0.96	332	eP	Pn	09 51 03.8	-0.1
WTP	Ta-pu	0.96	332	eP	Pn	09 51 03.8	-0.1
CHN3	Shinhu	0.96	315	P	Pn	09 51 04.4	+0.6
CHN3	Shinhu	0.96	315	P	Pn	09 51 04.4	+0.6
EYUL	Yuli	0.97	12	eP	Pn	09 51 04.1	+0.1
EYUL	Yuli	0.97	12	eP	Pn	09 51 04.1	+0.1
TWFI	Yuli	0.97	11	eP	Pn	09 51 04.4	+0.3
TWFI	Yuli	0.97	11	eP	Pn	09 51 04.4	+0.3
SNST	Tainan City	0.99	326	eP	Pn	09 51 05.6	+1.3
SNST	Tainan City	0.99	326	eP	Pn	09 51 05.6	+1.3
TPUB	Ta-pu	1.00	334	eP	Pn	09 51 04.2	-0.3
TPUB	Ta-pu	1.00	334	eP	Pn	09 51 04.2	-0.3
YULB	Yu-li	1.01	10	eP	Pn	09 51 03.8	-0.8
YULB	Yu-li	1.01	10	eP	Pn	09 51 03.8	-0.8
TWK	Hsiungyi	1.03	327	eP	Pn	09 51 04.7	-0.2
TWK	Hsiungyi	1.03	327	eP	Pn	09 51 04.7	-0.2
CHN4	Saushan	1.06	334	eP	Pn	09 51 05.2	0.0
CHN4	Saushan	1.06	334	eP	Pn	09 51 05.2	0.0
EHY	Hungye	1.12	10	eP	Pn	09 51 06.4	+0.3
EHY	Hungye	1.12	10	eP	Pn	09 51 06.4	+0.3
HGSD	Ruisui	1.13	15				

Table with columns: LYJY, Jjianjiangzhen, 4.31 344 eP, Pn, 09 51 48.3 -1.6

IDC 07 09:52:46.0-897.0, 53.11N, 3.90E, h0km, Error ellipse: s-maj=392.1km s-min=153.7km az=107.0, North Sea

IDC 07 09:58:13.0, 1.1, 29.43S, 178.23W, h74km, 11km, mb3.5/3, mbmp3.7/3, Error ellipse: s-maj=52.7km s-min=27.3km az=164.0

ISC 07 09:58:09.9, 1.4, 30.0S, 02-178.2W, 0.2, h50km, n9, 0186/11, mb3.8/3, Kermadec Islands

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

IDC 07 10:00:13.6, 2.9, 64.64N, 30.92E, h0km, mbmp2.7/2, ML1.6/2, Error ellipse: s-maj=44.0km s-min=10.4km az=102.0

HEL 10 00:14.1, 0.3, 64.76N, 30.24E, h0km, ML1.8, Explosion

BER 07 10:00:14.5, 0.9, 64.83N, 31.73E, h0km, ML1.7, Suspected explosion

KOLA 07 10:00:15.6, 64.80N, 30.90E, h0km, ML2.1, Error ellipse: s-maj=27.3km s-min=20.9km az=150.0, Kostomuksha, Karelia

ISC 07 10:00:12.6, 1.0, 64.80N, 03.00E, h0km, n31, 0177/38, Finland-Karelia border region

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

DJA 07 10:32:42.0, 0.3, 8.5S, 12.1E, h10km, M4.1/9, mb4.4/2, MLV3.9/9

IDC 07 10:32:45.0, 2.5, 7.90S, 121.22E, h203km, 18km, mb3.3/2, mbmp3.6/5, Error ellipse: s-maj=182.2km s-min=14.9km az=56.0

ISC 07 10:32:42.3, 1.0, 8.55S, 08.12058E, 0.09, h200km, n14, 0142/15, Flores region

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

NEIC 07 10:28:56.5, 2.1, 26.92N, 05.89E, 11E, 0.08, h10km, 1km, mb4.0/15, Error ellipse: s-maj=12.6km s-min=7.0km az=299.0

IDC 07 10:28:58.4, 1.3, 27.09N, 89.44E, h0km, mb3.8/9, mbmp3.8/10, ML4.1/1, Error ellipse: s-maj=61.5km s-min=16.9km az=61.0

NDI 07 10:28:06.3, 3.5, 26.63N, 89.17E, h10km, ML4.1, mb4.0/16C

ISC 07 10:28:58.1, 0.6, 26.94N, 07.892E, 0.06, h17km, n44, 0185/39, mb4.0/13, India-Bangladesh border region

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

Table with columns: GTK, comp=N, 5um, 0.2s, IAML, 10 29 39.9

SHL SHL Shillong 2.74 119 Pn Pn 10 29 42.2 +0.7

TEZP comp=E, 997nm, 0.4s 3.20 95 IAML 10 30 34.2

LSA LSA Lhasa 3.22 31 IAML Pn 10 29 49.2 +0.8

ITAN ITAN ITANAGAR 4.00 86 eS IAML Sb 10 30 56.2 -0.2

ZIRO ZIRO Karatay Array 4.15 81 eP eS Pb Sb 10 30 12.1 +1.4

KOHI KOHI KOHIMA 4.54 104 IAML 10 31 24.1

MND MND Mandalay 7.96 127 Pn Pn 10 30 52.2 -0.8

CMAR CMAR Chiang Mai Arr 12.30 131 Pn Pn 10 31 54.9 +2.2

PHRA PHRA Karatay Array 13.16 127 Pn Pn 10 32 02.0 -2.3

GAR GAR Garm 19.87 312 P P 10 33 27.3 -1.3

MK31 MK31 Makanchi Array 20.56 346 P Iamb Iamb 10 33 35.0 -0.9

KKAR KKAR Karatay Array 21.27 321 P P 10 33 51.3 -1.9

KURB KURB Kurchatov Arr 25.02 344 P P 10 34 21.9 +0.8

KURK KURK Kurchatov 25.09 344 P Iamb Iamb 10 34 19.6 -2.1

ZAAO ZAAO Zalesovo Array 27.17 354 P Iamb Iamb 10 34 40.0 -0.5

ZALV ZALV Zalesovo Beam 27.17 354 P P 10 34 42.5 +2.0

ZALV ZALV Zalesovo Beam 27.17 354 P P 10 34 39.3 -1.2

UOSS UOSS Minazit 29.73 274 P P 10 35 00.4 -3.2

ARCS ARCS ARCESS Array B 55.89 338 P P 10 38 37.5 +3.0

WB0 WB0 Warramunga Arr 63.81 132 P P 10 39 29.3 +0.2

WRA WRA Warramunga Arr 63.90 132 P P 10 39 32.7 +2.4

WRA WRA Warramunga Arr 63.90 132 P P 10 39 30.1 -0.1

TOLK TOLK Toolik Lake Re 75.52 19 P P 10 40 41.9 +0.7

BMAR BMAR Burnt Mountain 77.74 19 P P 10 40 53.0 -0.9

A36M A36M Sachs Harbour 78.50 10 P P 10 40 58.0 +0.2

YKA YKA Yellowknife Arr 88.85 11 P P 10 41 52.5 +1.5

DJA 07 10:32:42.0, 0.3, 8.5S, 12.1E, h10km, M4.1/9, mb4.4/2, MLV3.9/9

IDC 07 10:32:45.0, 2.5, 7.90S, 121.22E, h203km, 18km, mb3.3/2, mbmp3.6/5, Error ellipse: s-maj=182.2km s-min=14.9km az=56.0

ISC 07 10:32:42.3, 1.0, 8.55S, 08.12058E, 0.09, h200km, n14, 0142/15, Flores region

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

Principal axes: T 1.0920, Plg39.0000, Azm326.0000; N 0.0100, Plg29.0000, Azm83.0000; P -1.1010, Plg37.0000, Azm198.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 07 10:55:43.1, 22.92S, 171.24E, h40km, ML5.4/108, Southeast of Loyalty Islands

ISC 07 10:55:37.2, 0.5, 22.98S, 0.04x171.38E, 0.04, h17km, 2km, h17km: pP, n142, e149/1031, mb5.4/205, MS5.2/182, 51C-46D, Southeast of Loyalty Islands

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

7d 10h

YBH	comp=Z,42nm,1.4s	IAMB	IAMB	11 08 45.1
YBH	Yreka Blue Hor	88.62	43 P	P
YBH	comp=Z,42nm,1.4s		pmax	pmax
YUH	Yuha Desert	88.69	54 P	P
BBRC	Big Bear Solar	88.73	52 P	P
PFO	Pinyon Flats O	88.75	53 LR	LR
PFO	comp=Z,742nm,19.0s	88.75	53 P	P
PFO	Pinyon Flats O		IAMB	IAMB
PFO	comp=Z,42nm,1.8s	88.75	53 P	pmax
PFO	Pinyon Flats O		pmax	pmax
PFO	comp=Z,42nm,1.8s	88.75	53 P	P
PFO	Pinyon Flats O		P	P
TPFO	Pinon Flats	88.75	53 P	P
LRMC	Laurel Mtn Rad	88.78	50 P	P
PMD	Palm Desert	88.83	53 P	P
MDPB	Devils Postpil	88.87	48 IAMB	IAMB
MDPB	comp=Z,40nm,1.2s		IAMB	IAMB
OMMB	Old Mammoth Mt	88.91	48 P	P
OMMB	comp=Z,23nm,1.3s		IAMB	IAMB
SWSC	Sam W. Stewart	88.92	53 P	P
M19K	Big River Lodg	88.92	15 IAMS_20	IAMS_20
M19K	comp=Z,1.1um,19.0s	88.92	15 P	P
M19K	Big River Lodg		IAMS_20	IAMS_20
HUMO	Hull Mountain	88.94	42 P	P
HUMO	comp=Z,24nm,0.9s		IAMB	IAMB
HUMO	IAMS_20		IAMS_20	IAMS_20
CWC	Cottonwood Cre	88.97	50 P	P
CWC	comp=Z,878nm,18.0s		P	P
CWC	baz=240		P	P
O22K	Cooper Landing	88.97	18 IAMS_20	IAMS_20
O22K	comp=Z,924nm,19.0s		IAMS_20	IAMS_20
L19K	White Mountain	89.05	15 P	P
L19K	comp=Z,1.1um,18.0s		IAMS_20	IAMS_20
L19K	White Mountain		IAMS_20	IAMS_20
MPK	Marties Peak	89.07	46 P	P
L04D	Klamath Falls	89.13	43 P	P
TIN	Tinemaha, Big	89.17	49 P	P
MPMC	Manual Propsec	89.19	50 P	P
LPIG	La Paz	89.25	64 LR	LR
LPIG	comp=Z,639nm,18.2s		LR	LR
LPIG	baz=228,slow=32		LR	LR
BELC	Belle Mtn, Jos	89.28	52 P	P
BELC	comp=Z,242,SNR=12		P	P
GSC	Goldstone, Bar	89.31	51 P	P
GSC	Goldstone, Bar	89.31	51 P	P
GSC	comp=Z,1.6nm,1.3s		pmax	pmax
GSC	Goldstone, Bar		P	P
HEC	Hector, Ludlow	89.43	52 P	P
TTA	Tatalina	89.43	14 P	P
YERR	Yerington	89.44	47 P	P
YERR	comp=Z,49nm,1.4s		IAMB	IAMB
RC01	Rabbit Creek A	89.47	18 P	P
SUA	Susitna One	89.49	17 IAMS_20	IAMS_20
SUA	comp=Z,1.1um,19.0s		IAMS_20	IAMS_20
SUA	Susitna One		IAMS_20	IAMS_20
DSP	Deep Springs	89.50	49 P	P
DSP	comp=Z,34nm,1.2s		IAMB	IAMB
BC3	Big Chuckawall	89.51	53 P	P
L20K	Farewell, AK	89.54	15 P	P
LHV	Little Huntton	89.57	48 P	P
LHV	comp=Z,25nm,1.0s		IAMB	IAMB
QSM	Queen of Sheba	89.59	50 P	P
QSM	comp=Z,1.8nm,1.3s		IAMB	IAMB
LCH	Last Change Ra	89.66	49 P	P
LCH	comp=Z,22nm,1.4s		IAMB	IAMB
TNA	Tin City	89.68	8 P	P
PWL	Port Wells	89.68	18 IAMS_20	IAMS_20
PWL	comp=Z,875nm,19.0s		IAMS_20	IAMS_20
PWL	Port Wells		IAMS_20	IAMS_20
GLA	Glamis	89.69	54 P	P
GLA	comp=Z,1.17nm,0.8s		IAMB	IAMB
GLA	Glamis		IAMB	IAMB
GLA	comp=Z,242,SNR=7.6		P	P
PAHR	Pah Rah Range	89.71	46 P	P
PAHR	comp=Z,28nm,0.9s		IAMB	IAMB
SKT	Skwentna	89.71	17 IAMS_20	IAMS_20
GRAC	Grapevine Rang	89.74	49 P	P
GRAC	comp=Z,810nm,18.0s		P	P
GRAC	Grapevine Rang		P	P
NVAR	Mina Array Bea	89.80	48 P	P
NVAR	comp=Z,1.15nm,0.7s,slow=226,slow=8.4,SNR=163		LR	LR
NVAR	comp=Z,732nm,20.6s,slow=232,slow=30		LR	LR
NVAR	Mina Array Bea	89.80	48 P	P
NVAR	comp=Z,1.15nm,0.7s		P	P
FURC	Furnace Creek	89.83	50 P	P
FURC	comp=Z,241,SNR=6		P	P
GWY	Greenwater Val	89.84	50 IAMB	IAMB
GMRC	Granite Mounta	89.89	52 P	P
GMRC	comp=Z,22nm,1.1s		P	P
NV11	Mina Array Sit	89.90	48 IAMB	IAMB
M22K	Willow	89.90	17 P	P
IRM	Iron Mountain	89.97	53 P	P
SHOC	Shoshone, Teco	89.98	51 P	P
TUQ	Turquoise Moun	90.01	51 P	P
PMR	Palmer	90.05	18 P	P
KNK	Knik Glacier	90.09	18 IAMS_20	IAMS_20
CIT	Chita	90.12	328 eP	eP
CIT	comp=Z,132nm,1.4s		pmax	pmax
CIT	Wildcat Mounta	90.16	50 P	P
WCT	Wildcat Mounta		IAMB	IAMB
MOD	Modoc Plateau	90.23	44 IAMB	IAMB
MOD	comp=Z,1.17nm,1.1s		IAMB	IAMB
MOD	comp=Z,35nm,1.1s		IAMS_20	IAMS_20
BLVY	Blythe	90.24	53 IAMB	IAMB
KVN	Kaiserville	90.24	47 IAMB	IAMB
K20K	Telida	90.25	15 IAMS_20	IAMS_20
K20K	comp=Z,1.1um,19.0s		IAMS_20	IAMS_20
K20K	Telida		IAMS_20	IAMS_20
K05A	Summer Lake	90.29	43 P	P
TPH	Tonopah	90.36	48 P	P
TPH	comp=Z,1.11nm,1.0s		pmax	pmax
CUT	Chulitna	90.40	17 IAMS_20	IAMS_20
SML	Sawmill	90.44	18 IAMS_20	IAMS_20

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TPNV	comp=Z,934nm,20.0s	90.50	50 IAMB	IAMB	11 08 39.4
TPNV	Topopah Spring		IAMS_20	IAMS_20	11 01 42.3
TPNV	comp=Z,1.1um,19.0s	90.50	50 P	P	11 08 38.4 -0.1
H04A	Detroit Lake	90.53	41 P	P	11 08 37.7 -0.6
H04A	comp=Z,225nm,0.9s		IAMB	IAMB	11 08 38.6
NEE2	Needles Airpor	90.64	52 P	P	11 08 39.0 0.0
214A	Organ Pipe Nat	90.71	56 P	P	11 08 39.2 -0.3
COYC	Coyhaique	90.74	141 P	P	11 08 40.6 +1.1
COYC	comp=Z,894nm,1.0s		IAMB	IAMB	11 08 42.4
CAST	Castle Rocks	90.78	16 IAMS_20	IAMS_20	11 50 13.0
CAST	comp=Z,284nm,19.0s		P	P	11 08 37.2 -1.9
CAST	Castle Rocks		P	P	11 08 37.2 -1.9
PDMLC	Parker Dam,Lak	90.78	53 P	P	11 08 39.4 -0.2
PINE	Pine Mountain	90.81	42 P	P	11 08 39.9 0.0
BILL	Bilbino	90.83	358 IAMB	IAMB	11 08 38.1 -1.0
BILL	comp=Z,24nm,1.4s		IAMB	IAMB	11 08 37.8 -1.3
BILL	Bilbino		IAMB	IAMB	11 08 42.3
BILL	comp=Z,7.0nm,0.8s		eSS	SKSac	11 19 09.8 +0.1
BILL	comp=Z,1.50nm,16.0s		ss	SS	11 25 42.0 +4.1
BILL	comp=Z,7.0nm,0.8s		ss	SS	11 25 42.0 +4.1
I05D	Terrebonne, OR	90.86	41 P	P	11 08 39.6 -0.3
I05D	comp=Z,28nm,1.0s		IAMB	IAMB	11 08 52.9
SHL	Shilling	90.86	297 P	P	11 08 40.5 0.0
SHL	Shilling	90.86	297 eP	eP	11 08 42.0 +1.5
SHL	Shilling	90.86	297 P	P	11 08 40.5 0.0
SHL	comp=Z,47nm,1.0s		pmax	pmax	
HSIG	HSIG	90.86	59 P	P	11 08 39.5 -0.7
HSIG	comp=Z,1.8nm,1.0s		IAMB	IAMB	11 08 55.7
KLU	Klutina	90.90	19 IAMS_20	IAMS_20	11 40 53.3
V12A	Nelson	90.92	51 P	P	11 08 40.3 -0.2
NLWA	Neilton Lookou	91.02	38 IAMS_20	IAMS_20	11 41 06.3
YAK	Yakutsk	91.03	342 IAMS_20	IAMS_20	11 48 19.7
YAK	comp=Z,966nm,19.0s		IAMS_20	IAMS_20	11 48 19.7
YAK	Yakutsk	91.03	342 eP	eP	11 08 40.4 +0.3
YAK	comp=Z,213		ePP	PP	11 08 43.8 -0.2
YAK	comp=Z,213		ePP	PP	11 14 13.3
YAK	comp=Z,213		eSS	SKSac	11 19 11.9 +0.9
YAK	comp=Z,213		eSS	SS	11 25 42.3 +1.3
YAK	comp=Z,14nm,0.9s		pmax	pmax	
YAK	comp=N,3.0nm,0.9s		smax	smax	
YAK	comp=E,68nm,3.2s		smax	smax	
YAK	comp=N,37nm,2.9s		MLR	MLR	
YAK	comp=Z,925nm,20.0s		MLR	MLR	
YAK	comp=N,319nm,17.0s		MLR	MLR	
ULN	Ulanbaatar	91.04	323 P	P	11 08 40.8 0.0
ULN	Ulanbaatar	91.04	323 P	P	11 08 40.8 0.0
ULN	comp=Z,51nm,1.2s		MLR	MLR	
ULN	comp=Z,500nm,20.0s		MLR	MLR	
CHUM	Lake Minchumin	91.11	15 P	P	11 08 39.0 -1.5
GTA	Gaotai	91.13	313 eP	eP	11 08 41.6 +0.2
GTA	comp=Z,1.1um,22.0s		pP	pP	11 08 47.1 +0.3
GTA	comp=Z,1.1um,22.0s		sP	sP	11 08 51.0 -0.9
GTA	comp=Z,1.1um,22.0s		sS	sS	11 19 38.4 -0.6
GTA	comp=Z,1.1um,22.0s		sS	sS	11 19 42.2 +2.8
GTA	comp=Z,1.1um,22.0s		ss	SS	11 25 40.4 -3.4
GTA	comp=Z,8.0nm,1.2s		pmax	pmax	
GTA	comp=Z,190nm,9.2s		pmax	pmax	
GTA	comp=Z,230nm,17.5s		LR	LR	
GTA	comp=Z,290nm,17.1s		LR	LR	
KTH	Kantishna Hill	91.18	16 IAMS_20	IAMS_20	11 44 16.6
S11A	Thorfare Moun	91.18	49 P	P	11 08 41.7 0.0
TRF	Thorfare Moun	91.26	16 IAMS_20	IAMS_20	11 49 27.6
TRF	comp=Z,740nm,18.0s		P	P	11 08 38.7 -2.7
W13A	Hualapai Mount	91.32	52 IAMB	IAMB	11 08 58.7
N25K	Chitina, Valde	91.39	19 IAMB	IAMB	11 08 42.8
N25K	comp=Z,16nm,1.2s		IAMS_20	IAMS_20	11 44 17.2
N25K	comp=Z,890nm,20.0s		IAMS_20	IAMS_20	11 47 38.9
N25K	Chitina, Valde	91.39	19 P	P	11 08 40.6 -1.4
SONM	Songino Array	91.40	322 P	P	11 08 42.1 -0.3
SONM	comp=Z,15nm,1.0s,slow=142,slow=4.8,SNR=76		PKKPbc	PKKPbc	11 06 26.9 +1.6
SONM	comp=Z,0.4nm,0.6s,slow=338,slow=1.6,SNR=3.8		LR	LR	11 50 22.3
Y14A	Wickenburg	91.45	54 P	P	11 08 42.8 -0.1
VRDI	Verde Repeater	91.45	20 IAMS_20	IAMS_20	11 46 29.0
GLB	Gilahina Butte	91.50	20 P	P	11 08 41.1 -1.3
GLB	comp=Z,34nm,1.6s		IAMB	IAMB	11 08 53.1
GLB	comp=Z,744nm,18.0s		IAMS_20	IAMS_20	11 47 45.3
BBB	Bella Bella	91.52	32 LR	LR	11 45 40.7
PRN	Pahroc Range	91.56	50 IAMB	IAMB	11 08 44.7
WVOR	Wild Horse Val	91.57	44 IAMB	IAMB	11 08 44.2
WVOR	comp=Z,16nm,0.9s		IAMS_20	IAMS_20	11 51 37.3
RND	Reindeer	91.59	17 IAMS_20	IAMS_20	11 46 35.6
BPAW	Beaver Paw Mtn	91.62	16 IAMS_20	IAMS_20	11 48 16.2
R11A	Troy Canyon, C	91.63	49 P	P	11 08 43.1 -0.7
PINM	Pinnacle	91.67	22 P	P	11 08 42.1 -1.2
U33K	Whale Pass	91.67	28 P	P	11 08 42.3 -1.0
MCARA	McCarthy VSAT	91.71	20 P	P	11 08 43.0 -0.4
MCARA	comp=Z,29nm,1.4s		IAMB	IAMB	11 08 44.1
MCARA	comp=Z,866nm,18.0s		IAMS_20	IAMS_20	11 47 33.7
MCARA	McCarthy VSAT	91.71	20 P	P	11 08 41.9 -1.4
HARP	HAARP	91.83	19 P	P	11 08 42.9 -1.0
MCK	McKinley	91.84	17 IAMB	IAMB	11

7d 11h

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Table with columns: PRD, DOPR, SECR, ARCA, etc. and rows listing various stations and their coordinates. Includes station names like Providia, Dopca, Arcalia, Baia Mare, etc.

Table with columns: FSK, BMRD, RCHT, WABA, etc. and rows listing various stations and their coordinates. Includes station names like Fiskardo, Maresous, Rochefort, Walderalm, etc.

ICD 07 10:59:58.0±2.9, 10.425x161.33E, h68km±24km, mb3.5/5, mbmp3.9/6, Error ellipse: s-maj=31.1km s-min=21.1km az=61.0

ISC 07 10:59:57.2±0.9, 10.405±10.1614E±0.1, h61km±7, e144.9, mb3.6/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, Az°, Phase ID, Time, Res. Lists stations like Honiara, Mont Dzumac, etc.

WEL 07 11:03:00, 37.07S, 179.06E, h9km, ML5.0, Mw4.8, Moment Tensor Solution: S3 Moment tensor: Scale 10^16 Nm; Mw=2.05; Ms=0.02; Ms0.27; Mw0.71; Mw=0.06; Mw=1.81; Fault plane solution: M1: 9000°/10° N P1: ρ=328.00000; ρ3: 00000; A: 43.00000; NP2: ρ=201.00000; ρ7: 80000; A: 86.00000; Principal axes: T -1992.7200, Plg42.0000, Pz 1932.8000; N 60.3400, Plg4.0000; Azm20.0000; P: Azm2.3800, Plg48.0000; Azm15.0000;

NOU 07 11:03:15.1, 36.65S, 178.71W, h69km, mb5.2/13, East of North Island, N.Z.

NEIC 07 11:03:36.5±1.4, 37.52S±0.08, 179.21E±0.08, h21km±4km, mb5.1/33, Error ellipse: s-maj=14.2km s-min=3.9km az=143.0

WEL 07 11:03:37.3±1.0, 37.5S±1.7E±1.2, h12km, M4.9/17, ML5.1/17, MLV±17.7, Error ellipse: s-maj=0.0km s-min=0.0km az=101.0, confirmed

MOS 07 11:03:38.9±1.6, 37.14S, 178.62E, h25km, mb5.1/13, Error ellipse: s-maj=11.9km s-min=11.9km az=123.5

ICD 07 11:03:44.6±1.5, 37.15S, 178.66E, h63km±11km, mb4.7/11, mbmp5.0/13, MS4.5/9, Error ellipse: s-maj=13.9km s-min=11.4km az=136.0

ISC 07 11:03:46.0±5.3, 37.46S±0.05, 179.20E±0.07, h21km±4km, n266, e188/267, mb5.3/41, MS4.6/11, 6C-4D, Off east coast of North Island

Table with columns: Code, Station Name, Δ°, Az°, Phase ID, Time, Res. Lists stations like Matakaoa Point, Matakaoa Point, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Urewera, Ruatuhuna, and various NZ and international stations.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like BBOO, MTSU, QIS, COEN, and various NZ and international stations.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like KRSR, NJ2, YSS, PETK, and various NZ and international stations.

GERES GERESS Array B 164.49 322 PKPab PKPab 11 24 33.9 +0.9

comp=Z,0.5nm,0.6s,baz=55,slow=3.7,SNR=2.4

IDC 07 11:04:24.4,1.5,6:06S:153.94E,h0km,mb4.0/10,

mbtmp4,1/12,ML2.3/1, Error ellipse: s-maj=43.3km

s-min=20.4km az=118.0

ISC 07 11:04:30.4,1.1,5:36S:070.9,153.6E,0.1,h32km,n12,

c112/14,mb4.1/10,New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include KRVT, KRVT, PMG, PMG, WRA, ASAR, ASAR, KRVS, KRVS, USRK, USRK, PETK, PETK, SONM, SONM, MKAR, MKAR, ZALV, ZALV, ILAR, ILAR, NRIK, NRIK.

MAN 07 11:09:06.9,7.17N:124.60E,h35km,mb3.6,ML2.3,MS1.8,

3C,Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CTBH, CTBH, KCP, KCP, BUKP, BUKP.

HEL 07 11:13:16.0,0.1,61.41N:23.38E,h0km,ML1.0,

Explosion,Finland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include RAF, RAF, KEF, KEF, FIAO, FIAO, FIAO, FIAO, KAF, KAF, KAF, KAF, VAF, VAF, VAF, VAF, AAL, AAL, HEMU, HEMU.

IDC 07 11:21:25.9,1.1,63.03N:25.17W,h0km,mb3.6/7,

mbtmp3.6/10,ML3.6/3,MS3.7/15, Error ellipse:

s-maj=27.9km s-min=19.7km az=6.0

ISC 07 11:21:27.3,0.8,63.1N:0.1,25.11W,0.09,h10km,n23,

c056/12,mb3.5/7,MS3.5/11,Iceland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include BORG, BORG, JMJC, JMJC, EKA, EKA, EKA, EKA, NOA, NOA, HFS, HFS, FRB, FRB, FRB, FRB, SCHQ, SCHQ, GERES, GERES, VRAC, VRAC, ESDC, ESDC, AKASG, AKASG, MLR, MLR, YKA, YKA, YKA, YKA, IDI, IDI, KBZ, KBZ, ILAR, ILAR, PDAR, PDAR, MKAR, MKAR, MKAR, MKAR, SONM, SONM, SDV, SDV, ATD, ATD, MBAR, MBAR.

comp=Z,342nm,20.1s,baz=135,slow=3.7

CMAR Chiang Mai Arr 87.81 52 P P 11 34 16.8 +0.1

0.4nm,0.3s,baz=330,slow=5.2,SNR=4.4

0.4nm,0.3s

IDC 07 11:24:06.8,2.4,28.89N:142.27E,h55km,22km,mb3.1/6,

mbtmp3.5/7,ML3.1/1, Error ellipse: s-maj=49.2km

s-min=13.5km az=83.0

ISC 07 11:24:04.2,1.1,28.87N:0.008,142.2E,0.3,h30km,n11,

c152/10,mb3.5/6,Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CJC, CJC, MJAR, MJAR, MJAR, MJAR, KLR, KLR, H11N2, H11N2, H11N1, H11N1, H11N3, H11N3, ZALV, ZALV, WRA, WRA, MKAR, MKAR, ASAR, ASAR, YKA, YKA.

TAP 07 11:42:25.1,21.56N:122.10E,h41km,1km,ML3.0,D

JMA 07 11:42:28.8,0.5,22.2N:2.12E, h131km,MV2.7/9,

TAIWAN REGION

ISC 07 11:42:21.3,1.6,21.74N:0.066,122.23E,0.03,h7km,11km,

n62,c1905/96,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include LYUB, LYUB, LYUB, LYUB, LAY, LAY, LDUT, LDUT, TSEB, TSEB, SMST, SMST, TWKB, TWKB, TWK1, TWK1, TAWH, TAWH, EAST, EAST, EAST, EAST, ECL, ECL, EDH, EDH, EDH, EDH, TWGB, TWGB, TWGB, TWGB, LONT, LONT, LONT, LONT, SCZT, SCZT, FULB, FULB, FULB, FULB, EHD, EHD, EHD, EHD, MASBT, MASBT, EYUL, EYUL, ELDTW, ELDTW, YULB, YULB, YULB, YULB, HGSD, HGSD, EHY, EHY, EHY, EHY, STYH, STYH, STYH, STYH, SGST, SGST, EGFH, EGFH, WTP, WTP, WTP, WTP, CHN1, CHN1, CHN1, CHN1, TPUB, TPUB, TPUB, TPUB, ESL, ESL, ALS, ALS, ALS, ALS, CHN4, CHN4, CHN4, CHN4, TWK, TWK, WVDT, WVDT, CHN5, CHN5, CHN5, CHN5.

SSLB Suanglung 2.35 330 P Pg 11 43 05.3 -1.1

SSLB Suanglung 2.35 330 P Pg 11 43 05.3 -1.1

SSLB Suanglung 2.35 330 P Pg 11 43 05.3 -1.1

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SSLB Suanglung 2.35 330 P Pg 11 43 05.3 -1.1

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like Zalesovo Beam, Makanchi Array, Kurchatov Arra, etc.

IDC 07 11:47:53.7-1.1, 52.43N, 62.85E, h0km, mb3.5/1, mbmp3.0/3, ML 1.9/2, Error ellipse: s-maj=32.4km

NNC 07 11:47:53.1-1.8, 52.41N, 62.94E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=36.1km s-min=5.7km az=153.0, Suspected Mining explosion.

ISC 07 11:47:53.9-1.1, 52.44N, 62.88E, 0.07, h0km, n9, e104/11, 4C-5D, Western Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes stations like AKTO Aktyubinsk, BVAO Borovoye Array, etc.

MAN 07 11:52:53.7, 9.92N, 124.14E, h30km, mb3.9, ML2.6, MS2.2, 3C-2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes stations like TAPP Tailbon, Bohol, GHPB Garcia Hernand, etc.

WEL 07 12:03:25.3-0.4, 42.52°N, 174.41°E, h8km, 3km, M3.2/12, ML3.4/12, MLV3.2/12, Error ellipse: s-maj=0.0km s-min=0.0km az=104.1, confirmed, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, THZ Tophouse, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like WVZ Waitakia Valley, RPZ Rata Peaks, ARZC Arundel, etc.

IDC 07 12:03:29.5-4.3, 38.73N, 73.35E, h80km, 34km, mb3.4/4, mbmp3.8/10, MS3.9/1, Error ellipse: s-maj=44.5km s-min=21.9km az=160.0

SOME 07 12:03:32.9, 39.25N, 72.83E, h0km, NNC 07 12:03:32.9, 39.25N, 72.83E, h0km, mb4.2, mpv3.7, Error ellipse: s-maj=26.4km s-min=18.9km az=178.0

ISC 07 12:03:33.1-0.8, 38.41N, 0.06, 73.24E, 0.06, h103km, n29, e183/35, mb3.7/4, 7C-4D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes stations like AML Almayshu, AML Almayshu, UCH Uchtor, etc.

HEL 07 12:12:42.9-0.2, 67.60N, 33.79E, h0km, ML1.2, Explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes stations like LVZ Lovozero, VRF Vario, VRF VRF, etc.

SJA 07 12:17:27.1-0.6, 23.83S, 68.22W, h40km, ML3.1, MW3.5, Hypocentre not reviewed by the ISC

IDC 07 12:17:29.1, 2.23S, 52.52S, 68.07W, h120km, 14km, mb3.8/4, mbmp4.1/7, Error ellipse: s-maj=27.2km s-min=20.9km az=85.0

NEIC 07 12:17:28.1, 2.24S, 49.50W, 0.06, 68.33W, 0.1, h134km, 6km, mb4.0/13, ML4.2(GUC), Error ellipse: s-maj=14.2km s-min=7.8km az=100.0

GUC 07 12:17:29.3, 0.7, 23.41S, 68.36W, h134km, 5km, ML4.3 VAO 07 12:17:31.0, 0.8, 23.20S, 68.35W, h132km, mb4.0

ISC 07 12:17:28.4, 0.6, 23.47S, 0.04, 68.28W, 0.06, h135km, 7km, n85, e192/98, mb4.1/4, 5C-5D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes stations like LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like PB15 IPOC Station P, PB15 IPOC Station P, PB15 IPOC Station P, etc.

comp=E, 4.4um, 0.1s 1.89 332 Pn 12 18 02.6 +1.1

comp=E, 2.0um, 0.1s 2.06 303 Pn 12 18 04.2 +0.6

comp=N, 2.0um, 0.1s 2.06 215 Pn 12 18 04.2 +0.5

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like GO02 Mina Guanaco, PB10 IPOC Station P, etc.

comp=E, 2.0um, 0.1s 2.61 325 Pn 12 18 10.7 +0.3

comp=E, 2.0um, 0.5s 2.61 325 Pn 12 18 10.7 +1.0

comp=E, 2.0um, 0.5s 2.66 335 Pn 12 18 11.2 +0.2

comp=E, 1.0um, 0.3s 2.86 64 Pn 12 18 14.7

comp=Z, 2.6nm, 0.5s 3.04 105 Pn 12 18 15.7

comp=Z, 3.6nm, 1.1s 3.39 328 Pn 12 18 19.4 +0.9

comp=Z, 137nm, 0.5s 3.40 218 Pn 12 18 19.6 +0.7

comp=Z, 1.65nm, 0.4s 3.41 346 Pn 12 18 21.4 +0.4

comp=Z, 3.8nm, 0.2s 5.34 208 Pn 12 18 45.8

comp=Z, 3.8nm, 0.2s 5.34 208 Pn 12 18 45.8

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comp=Z, 3.8nm, 0.2s 5.34 208 Pn 12 18 45.8

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, ISC. Includes stations like KIPM Iron Peak, FARB Farallon Island, GVV Valley View, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, ISC. Includes stations like ZEDA zmir-Bergama, ZEDA zmir-Bergama, ZEDA zmir-Bergama, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, ISC. Includes stations like MAKZ 2.0nm,0.5s, MAKZ 1.2nm,0.2s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, ISC. Includes stations like DDA 07 13:24:41.6,0.0,39.54N,26.10E, h10km,1km,ML2.4, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, ISC. Includes stations like GUMO Guam, GUMO Guam, H1N1 WAKE ISLAND Hy 22.73, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, ISC. Includes stations like BSJ 07 14:23:50.9,0.0,52.00N,178.03E, h92km,mb4.9/63, etc.

FARO	Faro, Yukon	27.51	49	P	P	14 29 29.6 +0.8
FARO	Faro, Yukon	27.51	49	P	P	14 29 28.8 0.0
YAK	Yakutik	27.78	31.0	LR	LR	14 39 31.0
F31M	Tsighetichic	27.79	38	P	P	14 29 31.0 -0.1
P33M	Teslin, Yukon	27.86	53	P	P	14 29 32.1 +0.1
P33M	Teslin, Yukon	27.86	53	P	P	14 29 32.0 0.0
INK	Inuvik	28.03	36	P	P	14 29 33.2 -0.1
INK	Inuvik	28.03	36	P	P	14 40 59.1
INK	Inuvik	28.03	36	P	P	14 29 33.8 +0.5
INK	Inuvik	28.03	36	P	P	14 29 33.8 +0.5
INK	Inuvik	28.03	36	P	P	14 29 33.6 +0.4
Q32M	Nakina River	28.27	56	P	P	14 29 35.7 0.0
S34M	Telegraph Cree	29.02	58	P	P	14 29 41.9 -0.3
V35K	Ketchikan	29.30	63	P	P	14 29 45.2 +0.4
TIXI	Tiksi	29.34	331	P	P	14 29 44.8 -0.1
TIXI	Tiksi	29.34	331	P	P	14 32 47.9 -0.6
TIXI	Tiksi	29.34	331	P	P	14 36 20.4 -0.2
TIXI	Tiksi	29.34	331	P	P	14 32 47.5 -0.9
TIXI	Tiksi	29.34	331	P	P	14 29 45.4 +0.5
KLR	Kul'dur	29.39	284	P	P	14 29 46.1 +0.5
KLR	Kul'dur	29.39	284	P	P	14 41 41.1
KLR	Kul'dur	29.39	284	P	P	14 29 45.9 +0.3
DLBC	Dease Lake	29.50	57	P	P	14 29 47.7 +1.1
DLBC	Dease Lake	29.50	57	P	P	14 42 10.0
DLBC	Dease Lake	29.50	57	P	P	14 29 47.6 +1.0
DLBC	Dease Lake	29.50	57	P	P	14 29 47.2 +0.6
T35M	Bob Quinn	29.67	60	P	P	14 29 48.9 +0.9
ZEZ	Zeya	30.45	294	eP	P	14 29 54.7 -0.2
LIRD	Liard River Hi	31.33	54	P	P	14 30 03.3 +0.8
A36M	Sachs Harbour	31.47	30	P	P	14 30 05.2 +1.5
A36M	Sachs Harbour	31.47	30	P	P	14 30 06.8
A36M	Sachs Harbour	31.47	30	P	P	14 30 04.9 +1.3
USRK	Ussuriysk Ar	31.54	275	P	P	14 30 04.6 +0.1
USRK	Ussuriysk Ar	31.54	275	P	P	14 32 55.0 +0.3
USRK	Ussuriysk Ar	31.54	275	P	P	14 41 41.8
C36M	Paultuk	31.57	35	P	P	14 30 05.0 +0.5
C36M	Paultuk	31.57	35	P	P	14 30 06.3
C36M	Paultuk	31.57	35	P	P	14 30 05.1 +0.5
HEH	HeiHe	31.57	288	eP	P	14 30 03.6 -1.2
HEH	HeiHe	31.57	288	eP	P	14 30 03.6 -1.2
WRGLY	Wrigley	31.99	47	P	P	14 30 09.1 +0.8
MJAR	Matsushiro Arr	32.20	258	P	P	14 30 11.0 +0.5
MAJO	Matsushiro	32.20	258	P	P	14 30 10.9 +0.5
MAJO	Matsushiro	32.20	258	P	P	14 30 12.7
MAJO	Matsushiro	32.20	258	P	P	14 30 11.7 +1.2
MAJO	Matsushiro	32.20	258	P	P	14 30 11.3 +0.8
MAJO	Matsushiro	32.20	258	P	P	14 30 11.4 +0.9
MAJO	Matsushiro	32.20	258	P	P	14 30 44.7 +0.3
MJBB	Matsu-Tunnel	32.20	258	P	P	14 30 11.9 +1.5
MJBB	Matsu-Tunnel	32.20	258	P	P	14 30 13.7
KOTAN	Kotanelee Air	32.20	52	P	P	14 30 10.7 +0.5
BBB	Bella Bella	32.25	68	LR	LR	14 41 32.4
MDJ	Mudanjiang	32.80	277	P	P	14 30 15.0 -0.6
MDJ	Mudanjiang	32.80	277	P	P	14 30 38.0 -0.4
MDJ	Mudanjiang	32.80	277	P	P	14 30 48.9 -1.2
MDJ	Mudanjiang	32.80	277	P	P	14 35 22.0 -3.1
MDJ	Mudanjiang	32.80	277	P	P	14 36 02.6 -1.8
MDJ	Mudanjiang	32.80	277	P	P	14 36 33.5 +0.8
MDJ	Mudanjiang	32.80	277	P	P	14 36 45.1 +1.7
MDJ	Mudanjiang	32.80	277	P	P	14 37 26.5 +5.3
MDJ	Mudanjiang	32.80	277	P	P	14 40 33.5 +0.8
MDJ	Mudanjiang	32.80	277	P	P	14 30 11.4 +0.9
MDJ	Mudanjiang	32.80	277	P	P	14 30 11.9 +1.5
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MDJ	Mudanjiang	32.80	277	P	P	14 30 11.9 +1.5
MDJ	Mudanjiang	32.80	277	P	P	14 30 13.7
MDJ	Mudanjiang	32.80	277	P	P	14 30 11.4 +0.9
MDJ	Mudanjiang	32.80	277	P	P	14 30 44.7 +0.3
MDJ	Mudanjiang	32.80	277	P	P	14 30 11.9 +1.5
MDJ	Mudanjiang	32.80	277	P	P	14 30 13.7
MDJ	Mudanjiang	32.80	277	P	P	14 30 11.4 +0.9
MDJ	Mudanjiang	32.80	277	P	P	14 30 44.7 +0.3
MDJ	Mudanjiang	32.80	277	P	P	14 30 11.9 +1.5
MDJ	Mudanjiang	32.80				

7d 15h

ISC 07 14:39:25.0+1.2,36:17N;0:03:29.35E;0:02,h15km,10km, n33,c091/53, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kastellorizon, Fethiye, Elmali, etc.

PRE 07 14:41:26.1+1.3,26:49S;27:54E,h2km,ML3.0
IDC 07 14:41:27.1+1.3,26:45S;27:52E,h0km,mb4.0/3, mbtmp4.0/6,ML3.8/2, Error ellipse: s-maj=20.4km s-min=14.8km az=108.0

BUL 07 14:41:28.0+0.9,26:49S;27:67E,h3km,qkm,MD3.7
ISC 07 14:41:26.9+1.4,26:47S;0:04:27.54E;0:05,h7km,9km, n27,c221/48,mb4.1/3,2D,South Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like HartRAO, Koster, Lobatse, etc.

2017 MAR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Ukamas, Grantham, Fraserburg, etc.

IDC 07 14:44:15.3+3.2,28:24S;67:51W,h106km,26km,mb3.8/4, mbtmp4.0/6, Error ellipse: s-maj=35.6km s-min=20.4km az=57.0
SJA 07 14:44:16.1+0.7,28:17S;67:50W,h140km,6km,ML3.9, MW3.8, Hypocentre not reviewed by the ISC
ISC 07 14:44:18.5+0.9,28:05S;0:16:37.3W;0:2,h135km,n11, c090/12,mb4.0/4,La Rioja Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Choya, Cerro La Cruz, Maricunga, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IPOC Station P, Combarbal, Salagasta, etc.

IDC 07 14:58:38.6+1.1,36:54N;67:57E,h0km,mb3.8/10, mbtmp3.8/16,ML3.3/6,MS3.2/5, Error ellipse: s-maj=18.4km s-min=14.7km az=164.0
NMC 07 14:58:42.2+4.3,37:03N;67:44E,h0km,mb4.2,mpv3.9, Error ellipse: s-maj=37.0km s-min=24.9km az=7.0
ISC 07 14:58:40.7+0.6,36:77N;0:06:67.54E;0:05,h10km,n37, c1961/43,mb3.7/8,MS3.2/4,5C-6D,Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Cherat, Thamm Wali, Chirah Chowk, etc.

380

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Geyt, Uch, Aak, etc.

IDC 07 15:09:06.9+8.2,31:49S;178:56E,h200km,102km, mb3.4/4,mbtmp3.9/5, Error ellipse: s-maj=87.8km s-min=18.6km az=163.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Urewera, Rarotonga, Alice Springs, etc.

IDC 07 15:05:52.2,19:10S;169:78E,h0km,mb3.5/3, mbtmp3.5/4,ML3.2/1, Error ellipse: s-maj=90.5km s-min=29.5km az=144.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Mont Dzumac, Pinedale Array, Alice Springs, etc.

WEL 07 15:22:12.9+0.5,42:53S;137:31E,h91km,qkm,ML2.2/3, ML2.3/5,MLV2.2/3, Error ellipse: s-maj=0.0km s-min=0.0km az=93.2, conmed, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kahutara, Tophouse, Blackbirch Sta, etc.

7d 15h

2017 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like NWAOW, ABRA, CAUP, H01W3, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CNSH, YHNB, CD2, ENH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIA, PMG, STKA, QLP, etc.

DOPR	Dopca	85.40	317	↑P	P	15 58 18.1	+1.3
ARR	Arges	85.78	316	↑P	P	15 58 20.1	+1.4
BURAR	Bucovina Array	85.91	319	↑P	P	15 58 21.4	+2.0
BURAR	Bucovina Array	85.91	319	P	P	15 58 20.0	+0.6
BURAR	Bucovina Array	85.91	319	↑P	P	15 58 21.4	+2.0
BURAR	Bucovina Ar. S	85.93	319	↑P	P	15 58 19.9	+0.3
MNK	Minsk	86.09	326	↑P	P	15 58 20.8	+0.8
MNK	comp=3.0nm,0.8s			i	P	15 58 20.8	+0.8
MNK	comp=N,28nm,0.8s				P	15 58 20.8	+0.8
MNK	comp=Z,1.1nm,0.8s,baz=103				i	16 01 24.6	-1.6
MNK				i	PPP	16 03 53.4	
MNK				i	SS	16 08 46.5	-6.7
MNK				i	SSS	16 14 02.4	-2.9
MNK				i	SSS	16 16 43.8	
MNK				i	LQ	16 36 10.9	
MNK				i	LR	16 39 20.1	
MNK				i	LRM	16 41 27.7	
MNK	comp=N,1.1um,18.9s			i	LRM	16 41 38.5	
MNK	comp=E,92nm,18.1s			i	LRM	16 41 45.4	
MNK	comp=Z,568nm,18.1s			i	LRM	16 41 45.4	
MNK	Minsk	86.09	326	↑P	P	15 58 20.7	+0.8
MNK				i	S	15 58 29.3	
MNK				i	S	16 08 46.4	-6.7
MNK	comp=E,3.0nm,0.9s				pmx		
MNK	comp=Z,1.1nm,0.8s				pmx		
MNK	comp=N,28nm,0.8s				pmx		
VTS	Vitosh	86.16	313	↑P	P	15 58 23.6	+2.8
VTS	Vitosh	86.16	313	↑P	P	15 58 20.1	-0.7
VTS	Vitosh	86.16	313	↑P	P	15 58 20.1	-0.7
LIT	Litokhoron	86.19	311	↑P	P	15 58 20.1	-0.8
LIT	Litokhoron	86.19	311	↑P	P	15 58 20.1	-0.8
BILL	comp=Z,20nm,1.1s				pmx		
BILL	Bilbino	86.44	20	↑P	I	15 58 20.7	-0.7
BILL	comp=Z,48nm,1.4s				I	15 58 34.3	
BILL	comp=Z,2.1um,19.0s				I	16 28 44.0	
BILL	Bilbino	86.44	20	d	i	15 58 21.1	-0.3
BILL				i	SP	15 58 28.2	-0.8
BILL				i	SKSac	16 08 44.5	-1.9
BILL				i	PPS	16 10 16.9	
BILL	comp=Z,1.1nm,1.0s				pmx		
BILL	comp=Z,972nm,17.0s				MLR		
NACGM	Naroch	86.82	326	eP	P	15 58 24.0	+0.5
MARR	Matricei-Ciuj	87.10	317	↑P	P	15 58 26.9	+1.7
LVV	L'vov	87.19	321	↑P	P	15 58 30.6	+5.1
DRGR		87.39	317	↑P	P	15 58 28.9	+2.2
DRGR		87.39	317	↑P	P	15 58 28.9	+2.2
LVZ	Lovozero	87.56	340	↑P	I	15 58 26.5	-0.4
LVZ	comp=Z,46nm,1.1s				I	15 58 38.7	
LVZ	Lovozero	87.56	340	↑P	P	15 58 26.5	-0.4
LVZ	comp=Z,47nm,1.1s				pmx		
LVZ	comp=Z,3.1um,18.0s				MLR		
TRPA	Tarpa	87.79	319	↑P	P	15 58 30.8	+2.4
BZS	Buzias	87.90	316	↑P	P	15 58 31.1	+2.1
BZS	Buzias	87.90	316	↑P	P	15 58 31.1	+2.1
SIRS	Siria	88.00	317	↑P	P	15 58 29.3	+0.1
PATERZ	Paterze	88.53	326	IAMS_20	IAMS_20	16 46 01.1	
SNA	Sanae	88.73	198	LR	LR	16 34 22.0	
SNA	comp=Z,826nm,18.6s				baz=85,slow=33		
SNA	Sanae	88.73	198	↑P	I	15 58 34.2	+1.6
SNA	comp=Z,65nm,1.5s				I	15 58 52.5	
SNA	Sanae	88.73	198	↑P	P	15 58 34.2	+1.6
SNA	comp=Z,65nm,1.5s				pmx		
DIVS	Divivare	88.76	314	↑P	I	15 58 33.2	-0.1
DIVS	comp=Z,59nm,1.5s				I	15 58 44.0	
STHS	Stebnicka Huta	88.88	320	eP	P	15 58 35.4	+1.8
STHS	comp=Z,10.0nm,0.8s				pmx		
STHS	Stebnicka Huta	88.88	320	eP	P	15 58 35.4	+1.8
FI	FINESS Array S	88.92	332	↑P	I	15 58 33.9	+0.5
FI	FINESS Array S	88.92	332	↑P	I	15 58 44.6	
FINES	FINESS Array B	88.92	332	↑P	P	15 58 33.6	+0.1
FINES	comp=Z,5.5nm,0.8s,baz=103,slow=6.1,SNR=9.9						
FINES	FINESS Array B	88.92	332	↑P	P	15 58 33.8	+0.5
FINES	FINESS Array B	88.92	332	↑P	P	15 58 33.9	+0.5
FINES	comp=Z,6.0nm,0.8s				pmx		
KIWB	Kanaga Island	89.19	38	↑P	P	15 58 35.0	+0.1
PSZ	Piskzesteto	89.49	318	↑P	P	15 58 38.6	+2.1
PSZ	Piskzesteto	89.49	318	↑P	P	15 58 38.6	+2.1
LANS	Liptovska Anna	89.58	319	eP	P	15 58 41.4	+2.6
LANS	comp=Z,5.0nm,1.0s				pmx		
LANS	Liptovska Anna	89.58	319	eP	P	15 58 41.4	+2.6
MORH	Mirny, Hungary	90.28	316	↑P	P	15 58 40.7	+1.6
YVHS	Vyhne	90.28	319	eP	P	15 58 43.2	+3.0
YVHS	Vyhne	90.28	319	eP	P	15 58 43.2	+3.0
OKC	Ostrava-Krasne	90.34	320	eP	P	15 58 45.5	+2.4
OKC	Ostrava-Krasne	90.34	320	eP	P	15 58 45.5	+2.4
JAVO	Velka Javorina	91.10	319	eP	P	15 58 48.2	+4.2
ARCES	ARCCESS Array B	91.24	340	↑P	P	15 58 43.1	-1.1
ARCES	comp=Z,6.6nm,0.8s,baz=102,slow=4.3,SNR=9.8						
ARCES	ARCCESS Array B	91.24	340	↑P	P	15 58 44.6	+0.5
ARCES	ARCCESS Array B	91.24	340	↑P	P	15 58 44.6	+0.5
ARCES	comp=Z,121nm,1.7s				pmx		
MODS	Modra-Piesok	91.29	318	eP	P	15 58 48.0	+3.1
MODS	Modra-Piesok	91.29	318	eP	P	15 58 48.0	+3.1
MORC	Moravsky Berou	91.31	320	↑P	P	15 58 45.0	+0.3
MORC	Moravsky Berou	91.31	320	↑P	P	15 58 45.1	+0.1
MORC	Moravsky Berou	91.31	320	eP	P	15 58 46.5	+1.5
MORC	Moravsky Berou	91.31	320	↑P	P	15 58 45.1	+0.1
MORC	comp=Z,14nm,1.1s				pmx		
KRLC	Kraliky	91.84	320	eP	P	15 58 49.4	+2.0
KRLC	Kraliky	91.84	320	eP	P	15 58 56.5	
KRLC	Kraliky	91.84	320	eP	P	15 58 49.4	+2.0
KRLC	Kraliky	91.84	320	eP	P	15 58 56.5	
VRAN	Vranov	91.86	319	eP	P	15 58 48.9	+1.4
KRUC	Moravsky	91.96	319	eP	P	15 58 50.1	+2.2
DPC	Dobruska-Polom	92.17	320	eP	P	15 58 50.8	+1.9
DPC	Dobruska-Polom	92.17	320	eP	P	15 58 58.0	
DPC	Dobruska-Polom	92.17	320	eP	P	15 58 50.8	+1.9
DPC	Dobruska-Polom	92.17	320	eP	P	15 58 58.0	
CKRC	Cesky Krumlov	93.30	319	eP	P	15 58 56.2	+2.1
CKRC	Cesky Krumlov	93.30	319	eP	P	15 59 02.9	
CKRC	Cesky Krumlov	93.30	319	eP	P	15 58 56.2	+2.1
CKRC	Cesky Krumlov	93.30	319	eP	P	15 59 02.9	
GERES	GERESS Array B	93.70	319	↑P	P	15 58 56.3	+0.2
GERES	comp=Z,1.1nm,0.7s,baz=96,slow=5.5,SNR=8.0						
BRG	Berggiesshubel	93.73	321	eP	P	15 59 05.5	+9.4
BRG	comp=Z,7.4nm,1.0s				Am	15 59 06.9	
BRG	Berggiesshubel	93.73	321	eP	P	15 59 05.5	+9.4
BRG	comp=Z,7.4nm,1.0s				Am	15 59 06.9	
BRG	Berggiesshubel	93.73	321	eP	P	15 59 05.5	+9.4
BRG	comp=Z,7.4nm,1.0s				Am	15 59 06.9	
BRG	Berggiesshubel	93.73	321	eP	P	15 59 05.5	+9.4
BRG	comp=Z,7.4nm,1.0s				Am	15 59 06.9	
KHC	Kasperske Hory	93.81	319	eP	P	15 58 55.2	-1.3
KHC	Kasperske Hory	93.81	319	eP	P	15 59 04.4	
KHC	Kasperske Hory	93.81	319	eP	P	15 58 55.2	-1.3
KHC	Kasperske Hory	93.81	319	eP	P	15 59 04.4	
COLL	Colim	94.36	321	eP	P	15 59 00.0	+1.1

CLL	CLL			eS	S	16 10 01.0	-8.7
RG	comp=Z,2.1um,21.0s			MLR	MLR		
RG	Rugen	94.43	324	IAMS_20	IAMS_20	16 49 54.3	
KEST	comp=Z,2.1um,21.0s			MLR	MLR		
KEST	Kesra	95.94	305	P	P	15 59 05.8	-0.8
NB2	NORSAR Subarra	95.95	331	P	P	15 59 06.8	+0.8
NB2	comp=Z,1.8nm,1.4s,baz=95,slow=4.6						
NB2	NORSAR Subarra	95.95	331	P	P	15 59 06.8	+0.8
NOA	NORSAR Array B	95.95	331	P	P	15 59 06.5	+0.5
NOA	comp=Z,0.5nm,0.6s,baz=92,slow=4.6,SNR=2.4						
KBS	Kimberly	96.20	349	IAMS_20	IAMS_20	16 48 49.6	
KONO	Kongsberg	96.71	329	IAMS_20	IAMS_20	16 51 14.2	
ANM	Nome	96.71	26	P	P	15 59 09.0	-0.4
ANM	comp=Z,34nm,1.8s						
ANM	Nome	96.71	26	P	P	15 59 09.0	-0.4
ANM	comp=Z,34nm,1.8s				pmx		
AZ1K	Barrow	99.54	19	IAMS_20	IAMS_20	16 49 12.1	
TOLK	Toolik Lake Re	102.46	21	IAMS_20	IAMS_20	16 49 19.5	
H23K	Fukon River	103.18	24	IAMS_20	IAMS_20	16 37 21.7	
H24K	Noodor Dome	103.84	23	IAMS_20	IAMS_20	16 37 34.1	
POKR	Poker Plat Res	104.21	24	IAMS_20	IAMS_20	16 37 54.1	
FYU	Fort Yukon	104.65	22	IAMS_20	IAMS_20	16 56 57.4	
I26K	Coal Creek Min	105.87	23	IAMS_20	IAMS_20	16 38 37.8	
J26L	Joseph Creek	105.98	24	IAMS_20	IAMS_20	16 38 18.8	
EGAK	Eagle	106.85	24	IAMS_20	IAMS_20	16 39 15.7	
I29M	Ogilvie Camp	107.73	23	IAMS_20	IAMS_20	16 40 19.9	
EPYK	Eagle Plains	107.88	21	IAMS_20	IAMS_20	16 41 20.7	
J29M	Klondike Camp	108.14	23	IAMS_20	IAMS_20	16 40 26.9	
A36M	Sachs Harbour	108.25	14	IAMS_20	IAMS_20	16 46 20.0	
PMSA	Palmer Station	108.36	186	IAMS_20	IAMS_20	16 44 39.5	
M30M	Minto, Yukon	109.52	25	IAMS_20	IAMS_20	16 39 46.4	
TULEE	Thule	109.65	358	IAMS_20	IAMS_20	16 45 36.7	
AVE	Averroes	109.81	303	IAMS_20	IAMS_20	16 56 05.4	
M31M	Drury Creek, Y	110.69	25	IAMS_20	IAMS_20	16 39 41.3	
P33M	Tesslin, Yukon	112.30	26	IAMS_20	IAMS_20	16 40 34.9	
YKA	Yellowknife Ar	117.80	18	PKP	PKPdf	16 04 24.8	-0.5
YKA	comp=Z,0.7nm,0.7s,baz=321,slow=1.8,SNR=3.9						
YKA	Yellowknife Ar	117.80	18	PKP	PKPdf	16 04 24.8	-0.5
YKA	comp=Z,0.7nm,0.7s,baz=321,slow=1.8,SNR=3.9						
FFC	Flin Flon	127.96	18	IAMS_20	IAMS_20	16 53 00.4	
MSO	Missoula	129.11	31	P	PKIKP	16 04 50.1	+1.8
EGMT	Eagleton	130.34	28	IAMS_20	IAMS_20	16 48 42.2	
SCHO	Schefferville	130.82	352	PKP	PKIKP	16 04 51.1	-0.2
HLID	Hailey	130.94	35	P	PKIKP	16 04 54.2	+2.0
NOZ	Bozenan (W)	131.12	31	P	PKIKP	16 04 52.5	0.0
BV	Mina Array Bea	131.41	43	PKP	PKIKP	16 04 54.2	+0.8
ELK	Elko	132.13	39	PKP	PKIKP	16 04 56.4	+1.6
DGMT	comp=Z,1.1nm,0.5s,baz=130,slow=6.1,SNR=2.6						
DGMT	Greenlee	132.39	24	IAMS_20	IAMS_20	16 56 52.2	

7d 16h

O16K	Kokwok River B	40.56	43	P	P	16 15 54.3 +2.2
P16K	Nushagek River	40.62	43	P	P	16 15 53.6 +1.0
CRAI	Chiangrai	41.04	252	P	P	16 15 56.8 +0.2
O17K	Koliganek Bris	41.06	42	P	P	16 15 57.0 +0.7
GCSA	Galena City Sc	41.26	35	P	P	16 15 58.3 +0.5
ZIRO	ZIRO	41.53	266	eP	IAMB	16 16 01.0 +0.3
ZIRO	Tatalina	41.56	38	P	IAMB	16 16 07.9
TTA	Tatalina	41.56	38	P	IAMB	16 16 01.0 +0.6
TTA	Tatalina	41.56	38	P	PMAX	16 16 01.0 +0.6
TTA	Tatalina	41.56	38	P	PMAX	16 16 01.2 +0.7
MOKO	MOKOCHONG	41.69	264	eP	IAMB	16 16 03.0 +1.0
MOKO	MOKO	41.69	264	eP	IAMB	16 16 12.7
Q17K	Contact Creek	41.76	45	P	P	16 16 02.5 +0.3
SVW2	Sparrevohn	41.77	40	P	IAMB	16 16 02.9 +0.8
SVW2	Sparrevohn	41.77	40	P	IAMB	16 16 09.2
ITAN	ITANAGAR	41.83	266	eP	P	16 16 04.4 +1.4
O18K	Koktuh Hills	42.01	42	P	P	16 16 05.1 +1.0
L19K	White Mountain	42.10	39	P	P	16 16 05.2 +0.4
L19K	White Mountain	42.10	39	P	P	16 16 05.6 +0.8
Q18K	Katmai Hardscr	42.19	44	P	P	16 16 06.1 +0.4
A21K	Barrow	42.21	25	P	P	16 16 05.3 -0.2
PHRA	Phrae	42.27	250	P	P	16 16 06.9 +0.2
MK31	Makanchi Array	42.27	298	P	IAMB	16 16 06.1 -0.3
MK31	Makanchi Array	42.27	298	P	IAMB	16 16 06.1 -0.3
MK31	Makanchi Array	42.27	298	P	PMAX	16 16 06.2 -0.2
MKAR	Makanchi Array	42.27	298	P	PMAX	16 16 06.2 -0.2
MKAR	Makanchi Array	42.27	298	P	PMAX	16 16 06.2 -0.2
MKAR	Makanchi Array	42.27	298	P	PMAX	16 16 06.4 0.0
MKAR	Makanchi Array	42.27	298	P	PMAX	16 16 06.4 0.0
N19K	Bonanza Creek	42.32	41	P	P	16 16 06.7 +0.1
N19K	Bonanza Creek	42.32	41	P	P	16 16 07.9 +1.2
KOHI	KOHI	42.32	264	eP	IAMB	16 16 06.9 -0.3
KOHI	KOHI	42.32	264	eP	IAMB	16 16 06.9 -0.3
M19K	Big River Lodg	42.32	39	P	P	16 16 07.2 +0.6
M19K	Big River Lodg	42.32	39	P	P	16 16 08.8 +0.2
LSA	Lhasa	42.43	271	P	P	16 16 08.9 +0.5
LSA	Lhasa	42.43	271	P	IAMB	16 16 08.3 -0.1
LSA	Lhasa	42.43	271	P	PMAX	16 16 08.3 -0.1
O19K	Port Alsworth	42.43	42	P	P	16 16 08.7 +1.2
K20K	Telida	42.45	37	P	P	16 16 07.9 +0.3
K20K	Telida	42.45	37	P	P	16 16 08.4 +0.8
MAKZ	Makanchi	42.48	298	P	IAMB	16 16 08.0 -0.1
MAKZ	Makanchi	42.48	298	P	IAMB	16 16 08.0 -0.1
MAKZ	Makanchi	42.48	298	P	PMAX	16 16 08.0 -0.1
MAKZ	Makanchi	42.48	298	P	PMAX	16 16 08.0 -0.1
MAKZ	Makanchi	42.48	298	P	PMAX	16 16 08.0 -0.1
L20K	Farewell, AK	42.55	38	P	P	16 16 09.1 +0.1
IMAR	Indian Mountai	42.64	33	P	P	16 16 10.2 +0.2
G21K	Allakaket	42.76	32	P	P	16 16 10.8 +0.4
F21K	Alatna River	42.80	31	P	P	16 16 11.0 +0.1
TEZP	TEZPUR	42.81	266	eP	IAMB	16 16 11.0 +0.1
TEZP	TEZPUR	42.81	266	eP	IAMB	16 16 17.4
Q19K	Cape Douglas,	42.88	43	P	IAMB	16 16 11.6 +0.5
Q19K	Cape Douglas,	42.88	43	P	IAMB	16 16 12.0 +0.8
M20K	Styx River	42.92	39	P	P	16 16 12.4 +0.9
IMP	Imphal	42.95	263	eP	IAMB	16 16 12.1 -0.1
IMP	Imphal	42.95	263	eP	IAMB	16 16 19.3
CHTO	Chiang Mai	42.98	252	P	P	16 16 12.4 0.0
CHTO	Chiang Mai	42.98	252	P	P	16 16 12.4 0.0
H21K	Melozitna Rive	43.02	33	P	IAMB	16 16 12.6 +0.4
H21K	Melozitna Rive	43.02	33	P	IAMB	16 16 12.6 +0.4
ILSW	Ilamna Southw	43.04	42	P	P	16 16 12.7 +0.2
R50	Redoubt South	43.19	41	P	P	16 16 13.9 +0.1
CM31	Chiang Mai Arr	43.21	251	IAMB	IAMB	16 16 15.2 +0.9
CMAR	Chiang Mai Arr	43.21	251	P	P	16 16 14.5 +0.2
CMAR	Chiang Mai Arr	43.21	251	P	P	16 16 15.0 +0.7
CMAR	Chiang Mai Arr	43.21	251	P	PMAX	16 16 14.8 +0.5
CHUM	Lake Minchum	43.23	36	P	P	16 16 15.0 +1.2
OHAK	Old Harbor	43.26	46	P	P	16 16 14.5 +0.4
OHAK	Old Harbor	43.26	46	P	P	16 16 15.1 +0.9
O20K	Slope Mountain	43.29	42	P	P	16 16 15.3 +0.8
PPLA	Purkeypile	43.31	38	P	P	16 16 15.9 +1.1
PPLA	Purkeypile	43.31	38	P	P	16 16 15.6 +0.8
GAST	Castle Rocks	43.34	37	P	IAMB	16 16 15.9 +1.0
CAST	Castle Rocks	43.34	37	P	IAMB	16 17 25.4
CAST	Castle Rocks	43.34	37	P	IAMB	16 16 15.8 +1.0
I21K	Tanana	43.35	34	P	IAMB	16 16 15.8 +1.0
I21K	Tanana	43.35	34	P	IAMB	16 17 56.4
I21K	Tanana	43.35	34	P	P	16 16 15.9 +1.0
SPUR	Spurr Chakacha	43.40	40	P	P	16 16 14.8 -0.6
SUCR	Mount Spurr	43.48	40	P	P	16 16 16.9 +0.9
KDAK	Kodiak Island	43.56	45	P	P	16 16 17.4 +0.8
KDAK	Kodiak Island	43.56	45	P	P	16 16 17.8 +1.2
KDAK	Kodiak Island	43.56	45	P	PMAX	16 16 16.7 +0.1
KDAK	Kodiak Island	43.56	45	P	PMAX	16 16 17.8 +1.2
KDAK	Kodiak Island	43.56	45	P	PMAX	16 16 21.1 +4.5
KDAK	Kodiak Island	43.56	45	P	PMAX	16 16 36.2 -2.6
H22K	Ishtaitna Cre	43.61	33	P	P	16 16 43.5 +1.2
KURK	Kurchatov	43.66	305	P	P	16 16 17.3 -0.2
KURK	Kurchatov	43.66	305	P	P	16 16 38.6
KURK	Kurchatov	43.66	305	P	P	16 16 17.3 -0.2

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KURK	Kurchatov	43.66	305	P	PMAX	16 16 17.2 -0.2
KURK	Kurchatov	43.66	305	P	PMAX	16 16 18.2 +0.0
SKBT	Kurchatov Arra	43.73	304	P	P	16 16 17.9 -0.2
KURBB	Kurchatov Arra	43.73	304	P	LR	16 34 06.8
BPWA	Bear Paw Mtn.	43.82	306	P	P	16 16 19.4 +0.9
BPWA	Bear Paw Mtn.	43.82	306	P	IAMB	16 16 25.3
BPWA	Bear Paw Mtn.	43.82	306	P	IAMB	16 16 18.9 +0.4
KTH	Kantishna Hill	43.86	37	P	P	16 16 19.6 +0.6
MLY	Manley	43.88	34	P	IAMB	16 16 20.1 +0.9
MLY	Manley	43.88	34	P	IAMB	16 16 26.0
MLY	Manley	43.88	34	P	P	16 16 19.9 +0.7
LBMI	Labuha	43.94	201	P	P	16 16 21.5 +1.4
LBMI	Labuha	43.94	201	P	P	16 16 36.1 +0.7
D23K	Nanushuk River	43.95	29	P	P	16 16 20.0 +0.4
CNPM	China Foot	44.04	42	P	P	16 16 20.8 +0.3
SHL	Shillong	44.07	265	IAMB	IAMB	16 16 20.9 -0.5
SHL	Shillong	44.07	265	eP	P	16 16 21.7 +0.4
SHL	Shillong	44.07	265	eP	PMAX	16 16 20.9 -0.5
COLD	Coldfoot	44.08	31	P	P	16 16 20.7 0.0
COLD	Coldfoot	44.08	31	P	P	16 16 20.9 +0.2
SUA	Susitna One	44.08	40	P	P	16 16 20.8 -0.1
GTOI	Gorontalo	44.13	208	P	P	16 16 21.0 -0.6
GTOI	Gorontalo	44.13	208	P	P	16 16 42.5 -1.4
TRF	Thorofare Moun	44.15	37	P	P	16 16 21.4 -0.1
G23K	Banza Creek	44.15	32	P	P	16 16 22.4 +1.1
BRLL	Bradley Lake	44.19	42	P	P	16 16 22.7 +1.1
CUT	Chulitna	44.23	38	P	IAMB	16 16 22.4 +0.6
CUT	Chulitna	44.23	38	P	IAMB	16 17 32.4
CUT	Chulitna	44.23	38	P	P	16 16 22.1 +0.2
BRSE	Bradley Lake S	44.27	42	P	P	16 16 22.4 +0.2
E23K	Chandalar	44.31	30	P	P	16 16 22.9 +0.3
TOLK	Toolik Lake Re	44.34	29	P	P	16 16 22.5 -0.3
H23K	Yukon River	44.36	33	P	IAMB	16 16 24.3 +1.3
H23K	Yukon River	44.36	33	P	IAMB	16 17 21.6
H23K	Yukon River	44.36	33	P	P	16 16 23.7 +0.7
I23K	Minto, Yukon-K	44.46	34	P	IAMB	16 16 23.0 -0.7
I23K	Minto, Yukon-K	44.46	34	P	IAMB	16 16 31.2
I23K	Minto, Yukon-K	44.46	34	P	P	16 16 23.7 0.0
BWN	Browne	44.47	36	P	P	16 16 24.8 +1.0
TOL2	Tolitoli	44.52	211	P	P	16 16 25.3 +0.6
RC01	Rabbit Creek A	44.61	40	IAMB	IAMB	16 16 25.5 +0.6
RC01	Rabbit Creek A	44.61	40	IAMB	IAMB	16 16 49.2
RC01	Rabbit Creek A	44.61	40	P	P	16 16 24.9 -0.1
NEA2	Nenana	44.62	35	P	IAMB	16 16 25.7 +0.8
NEA2	Nenana	44.62	35	P	IAMB	16 16 31.5
NEA2	Nenana	44.62	35	P	P	16 16 24.9 0.0
M2R1	Marisa	44.66	209	P	P	16 16 26.5 +0.8
C24K	Fraulin Bluff	44.68	28	P	P	16 16 25.6 +0.2
MCK	McKinley	44.73	36	P	IAMB	16 16 26.8 +0.8
MCK	McKinley	44.73	36	P	IAMB	16 17 15.0
MCK	McKinley	44.73	36	P	PMAX	16 16 26.8 +0.8
MCK	McKinley	44.73	36	P	PMAX	16 16 26.8 +0.8
MCK	McKinley	44.73	36	P	P	16 16 26.0 0.0
E24K	Your Creek	44.74	30	P	P	16 16 25.4 -0.5
RND	Reindeer	44.79	37	P	IAMB	16 16 27.5 +1.0
RND	Reindeer	44.79	37	P	IAMB	16 16 32.4
RND	Reindeer	44.79	37	P	PMAX	16 16 27.5 +1.0
RND	Reindeer	44.79	37	P	PMAX	16 16 27.5 +1.0
PMR	Palmer	44.84	39	P	P	16 16 26.4 -0.4
SEW	Seward	44.87	41	P	P	16 16 26.8 -0.1
MDM	Murphy Dome	44.95	34	P	IAMB	16 16 28.7 +1.1
MDM	Murphy Dome	44.95	34	P	IAMB	16 16 34.3
F24K	Squaw Lake	44.97	31	P	P	16 16 28.6 +0.7
SAIH	SAIHA	45.02	261	eP	IAMB	16 16 28.8 0.0
SAIH	SAIHA	45.02	261	eP	IAMB	16 16 38.3
H24K	Noodor Dome	45.05	33	P	IAMB	16 16 29.8 +1.4
H24K	Noodor Dome	45.05	33	P	IAMB	16 16 35.4
H24K	Noodor Dome	45.05	33	P	P	16 16 29.1 +0.7
WRH	Wood River Hill	45.05	35	P	IAMB	16 16 29.4 +1.1
WRH	Wood River Hill	45.05	35	P	IAMB	16 17 03.5
FAKI						

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AMCZ, LTZ, KHZ, etc.

WEL 07 17:58:52.6±1.0, 37°S, 6°17'8E, h65km, 10km, M2, 6/8, ML2.9/12, MLv2.6/8, Error ellipse: s-maj=0.0km s-min=0.0km az=108.9, confirmed, Off east coast of North Island

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

UPP 07 18:08:46.0±1.0, 67°04'N, 20°97'E, h0km, ML2.7, Suspected explosion
IDC 07 18:08:47.0±0.9, 67°05'N, 21°09'E, h0km, mbmp3.0/4, ML1.9/4, Error ellipse: s-maj=17.1km s-min=7.9km az=116.0

HEL 07 18:08:47.0±0.4, 67°05'N, 20°93'E, h0km, ML2.2, Explosion
BER 07 18:08:49.5±1.7, 66°39'N, 21°05'E, h0km, ML1.7, Suspected explosion

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DUNU, MASU, ERTU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OBF4, OUL, OBF0, etc.

IDC 07 18:19:08.1±1.4, 17°20'N, 121°50'E, h0km, mb3.3/5, mbmp3.3/5, Error ellipse: s-maj=58.4km s-min=22.1km az=60.0

MAN 07 18:19:10.2, 17°41'N, 121°04'E, h17km, mb4.5, ML3.3, MS3.2

IDC 07 18:19:09.7±1.3, 17°38'N, 121°08'E, h5km, gkm, n19, c24/30, mb3.25, 11C-3D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SAMP, ABRA, CVP, etc.

IDC 07 18:46:24.8±1.6, 2°29'S, 115°36'E, h0km, mb3.3/6, mbmp3.4/7, ML3.2/1, MS3.3/5, Error ellipse: s-maj=96.0km s-min=17.9km az=51.0

DJA 07 18:46:30.8±0.3, 2°S, 111°6'E, h10km, M4.6/12, mb4.5/8, mB4.9/2, MLv4.7/12, M(B)4.2/2

IDC 07 18:46:27.8±1.0, 2°09'S, 115°29'E, h10km, n21, c24/4/16, mb3.4/6, MS3.2/3, Borneo

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BKB, BBKI, SPSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM, MKAR, ZALV, etc.

IDC 07 18:57:09.5±10.0, 10°11'S, 161°30'E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=286.7km s-min=42.7km az=117.0, Bougainville-Solomon Islands region

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

IDC 07 19:03:24.3±5.3, 5.44S, 131.97E, h0km, mb3.2/1, mbmp3.1/3, ML3.3/2, Error ellipse: s-maj=356.2km s-min=33.3km az=74.0, Banda Sea

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

IDC 07 19:04:04.4±2.5, 22°12'N, 45°29'W, h0km, mb3.4/4, mbmp3.4/4, MS3.3/10, Error ellipse: s-maj=107.0km s-min=30.7km az=21.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SADO, TKL, DBIC, etc.

IDC 07 19:16:16.1±2.0, 1°39'N, 125°52'E, h0km, mb3.3/3, mbmp3.4/3, Error ellipse: s-maj=191.0km s-min=25.6km az=64.0, Northern Molucca Sea

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

IDC 07 19:18:37.7±3.6, 30°34'N, 140°72'E, h0km, mb3.5/3, mbmp3.4/4, ML2.4/1, Error ellipse: s-maj=146.4km s-min=25.7km az=73.0, Southeast of Honshu

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

RSNC 07 19:40:26.3±0.9, 6°80'N, 73°17'W, h134km, gkm, ML1.5, 1D, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BRRC, PAMC, PTBC, etc.

MOS 07 19:51:50.7±0.9, 39°86'N, 143°17'E, h15km, mb5.0/56, MS4.3/5, Error ellipse: s-maj=6.2km s-min=3.8km az=107.0

JMA 07 19:51:51.6±0.2, 40°0'N, 0°5'W, h16km, 2km, MD4.6/38, MW4.7/38, FAR E OFF SANRIKU
JMA Felt II J1 at FAR E OFF SANRIKU
NIED 07 19:51:51.6, 39°59'N, 143°23'E, h16km, MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^15N; Mn:3.94; Mb:0.80; Mo:4.74; M:0.354; Mb:2.08; Mo:6.19; Fault plane solution: Mb:5.60000x10^15 NP:1.29, 20.00000, 874.00000, 1.98.00000; NP2:182.00000, 318.00000,

7d 19h

1.64.00000°
BUJ 07 19:51:53.2,0.0,39.79N;142.95E,h27km,mb4.8/70,
mb4.9/42,Ms4.4/64,Mst 4.2/62
BGR 07 19:51:54.5,1.39,63N;143.70E,h33km,mb4.8,Ms4.2
NEIC 07 19:51:54.5,1.4,39.85N;143.70E,h33km,mb4.8,Ms4.2
az=116.0
IDC 07 19:51:56.0,2.7,39.89N;143.15E,h36km,21km,mb4.2/28,
mbmp4.4/34,ML3.8/6,M54.0/56,Error ellipse:
s-maj=15.5km s-min=11.1km az=109.0
ISC 07 19:51:54.0,0.3,39.83N;143.004,143.18E,0.0'04,h27km,2km,
h27km;P-P,n56,mb4.8/48,mb4.8/49,MS4.2/77,
37C-33D,Off east coast of Honshu

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

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Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data points.

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Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data points.

XAN	comp=Z,11nm,0.8s	27.87 269	P	P	19 57 38.1	-3.3
XAN	Xi'an		pP	pP	19 57 48.8	-0.2
XAN			S	S	20 02 17.9	-5.3
XAN	comp=Z,9.0nm,1.0s		pmax	pmax		
XAN	comp=Z,65nm,4.8s					
XAN	comp=Z,220nm,12.7s		LR	LR		
XAN	comp=Z,330nm,12.2s		LR	LR		
XAN	comp=Z,520nm,14.1s		LR	LR		
H11N2	WAKE ISLAND Hy 28.58 128		T	T	20 28 47.6	
H11N1	WAKE ISLAND Hy 28.59 128		T	T	20 28 48.3	
H11N3	WAKE ISLAND Hy 28.60 128		T	T	20 28 52.9	
ENH	Enshi	29.05 261	P	P	19 57 51.2	-0.6
H11S1	WAKE ISLAND Hy 29.40 130		T	T	20 28 55.0	
H11S3	WAKE ISLAND Hy 29.42 130		T	T	20 28 55.9	
H11S2	WAKE ISLAND Hy 29.42 130		T	T	20 29 26.3	
ZAK	Zakamensk	29.73 304	eP	P	19 57 57.1	-0.7
ZAK			pmax			
BILL	comp=Z,8.0nm,1.2s	30.94 17	P	IAMB	19 58 08.4	+0.2
BILL	Bilibino				19 58 32.0	
BILL	comp=Z,9.0nm,0.9s	30.94 170	eP	P	19 58 09.2	+1.0
BILL	Bilibino		i*PP	ppP	19 58 17.5	+1.7
BILL			ePPP		19 59 22.4	
BILL			i		20 01 03.5	
BILL	comp=Z,11nm,2.5s		pmax	pmax		
LZH	Lanzhou	31.06 276	eP	P	19 58 11.8	+2.0
LZH			pP	pP	19 58 20.6	-0.1
LZH			sP	pP	19 58 26.0	+8.5
LZH	comp=Z,17nm,1.3s					
LZH	comp=Z,220nm,14.6s		LR	LR		
LZH	comp=Z,470nm,12.4s		LR	LR		
LZH	comp=Z,520nm,14.9s		LR	LR		
MOY	Mondy	31.29 306	eP	P	19 58 11.6	0.0
TIXI	Tiksi	32.69 352	LR	P	20 03 01.0	
TIXI	comp=Z,125nm,18.7s	32.69 352	P	P	19 58 22.5	-1.0
TIXI	Tiksi	32.69 352	eP	P	19 58 23.2	-0.3
TIXI			pmax			
GYA	comp=Z,9.0nm,2.5s	33.12 257	iP	P	19 58 28.3	+0.4
GYA	Guiyang		pP	ppP	19 58 37.9	+0.2
GYA			S	S	20 03 42.8	-2.8
GYA	comp=Z,51nm,1.0s					
GYA	comp=Z,120nm,4.0s		pmax	pmax		
GYA	comp=Z,260nm,17.4s		LR	LR		
GYA	comp=Z,220nm,16.3s		LR	LR		
GYA	comp=Z,220nm,16.3s		LR	LR		
CD2	Chengdu	33.13 267	P	P	19 58 28.1	+0.2
CD2	comp=Z,20nm,0.8s					
CD2	comp=Z,330nm,13.2s		LR	LR		
CD2	comp=Z,170nm,13.5s		LR	LR		
CD2	comp=Z,470nm,14.9s		LR	LR		
GTA	Gaotai	33.16 283	iP	pP	19 58 29.1	+0.9
GTA			pP	pP	19 58 36.9	+1.0
GTA			sP	pP	19 58 40.6	+1.7
GTA			PcP	pP	20 01 12.3	+1.7
GTA	comp=Z,16nm,1.0s					
GTA	comp=Z,230nm,18.7s		LR	LR		
GTA	comp=Z,660nm,18.3s		LR	LR		
GTA	comp=Z,760nm,18.3s		LR	LR		
QIZ	Qiongzong	35.38 244	P	P	19 58 43.9	-3.5
QIZ			S	S	20 04 17.2	-3.1
QIZ	comp=Z,270nm,23.1s		LR	LR		
QIZ	comp=Z,190nm,20.7s		LR	LR		
QIZ	comp=Z,250nm,17.1s		LR	LR		
DAV	Davao City (W)	36.25 210	LR	LR	20 15 12.7	
KMI	Kunming	36.81 259	iP	P	19 59 00.6	+0.8
KMI			sP	sP	19 59 10.0	-0.5
KMI	comp=Z,32nm,1.1s					
KMI	comp=Z,95nm,3.4s		pmax	pmax		
KMI	comp=Z,350nm,15.2s		LR	LR		
KMI	comp=Z,250nm,14.1s		LR	LR		
KMI	comp=Z,390nm,16.5s		LR	LR		
PZH	PanZhihua	36.82 262	P	P	19 59 00.1	+0.2
PZH			pP	pP	19 59 08.2	+0.7
PZH			sP	sP	19 59 12.3	+1.8
PZH			S	S	20 04 44.2	+1.6
PZH	comp=Z,40nm,0.9s					
PZH	comp=Z,120nm,6.3s		pmax	pmax		
PZH	comp=Z,170nm,13.3s		LR	LR		
PZH	comp=Z,240nm,12.0s		LR	LR		
PZH	comp=Z,310nm,13.5s		LR	LR		
TNA	Tin City	37.73 31	P	P	19 59 07.8	+0.8
GOMU	GeErMu	37.91 280	pP	pP	19 59 10.5	+1.3
GOMU			pP	pP	19 59 13.7	-3.3
GOMU	comp=Z,13nm,0.7s					
GOMU	comp=Z,120nm,4.4s		pmax	pmax		
GOMU	comp=Z,140nm,14.5s		LR	LR		
GOMU	comp=Z,120nm,14.7s		LR	LR		
GOMU	comp=Z,140nm,15.0s		LR	LR		
ANM	Nome	38.48 33	P	P	19 59 14.1	+0.8
ANM	Nome	38.48 33	P	P	19 59 14.1	+0.8
ANM			pmax	pmax		
DGZ	Jazzator, Alta	39.94 303c	iP	P	19 59 27.1	+1.2
DGZ			pmax			
TNCH	TengChong	40.06 262	P	P	19 59 27.7	+0.5
TNCH			sP	pp	19 59 38.8	+0.7
TNCH			pp	pp	20 00 57.5	-2.0
TNCH			S	SS	20 05 33.7	+2.0
TNCH			sS	SS	20 05 47.6	+3.0
TNCH	comp=Z,42nm,0.4s					
TNCH	comp=Z,130nm,4.2s		pmax	pmax		
TNCH	comp=Z,140nm,12.1s		LR	LR		
TNCH	comp=Z,170nm,9.3s		LR	LR		
TNCH	comp=Z,210nm,14.8s		LR	LR		
WMQ	Urumqi	40.88 294	iP	P	19 59 34.8	+1.2
WMQ			pP	sP	19 59 44.2	-0.3
WMQ	comp=Z,24nm,0.9s					

WMQ	comp=Z,210nm,10.5s		LR	LR		
ZAAO	Zalesovo Array	41.11 310	P	P	19 59 34.2	-1.1
ZAAO			IAMB	IAMB	19 59 46.5	
ZALV	Zalesovo Beam	41.11 310	P	P	19 59 35.6	+0.4
ZALV	comp=Z,12nm,0.6s,baz=86,slow=7.8,SNR=56		PcP	PcP	20 01 34.9	+0.6
ZALV	comp=Z,3.8nm,0.7s,baz=130,slow=2.3,SNR=4.8		LR	LR	20 17 25.0	
ZALV	comp=Z,316nm,18.5s,baz=74,slow=37					
ZALV	comp=Z,12nm,0.6s					
ZALV	Zalesovo Beam	41.11 310	P	P	19 59 35.0	-0.2
NR1K	Nori'sk	41.33 334	P	P	19 59 37.1	+0.2
NR1K	comp=Z,4.8nm,0.8s,baz=81,slow=5.5,SNR=8.2		LR	LR	20 17 56.3	
NR1K	comp=Z,344nm,19.2s,baz=116,slow=38					
NR1K	comp=Z,4.8nm,0.8s					
NR1K	Nori'sk	41.33 334	P	P	19 59 35.9	-1.0
NR1K	Nori'sk	41.33 334	eP	P	19 59 37.2	+0.3
NR1K			pmax	pmax		
CRAI	Chiangrai	41.42 255	P	P	19 59 37.2	-1.1
CRAI			IAMB	IAMB	19 59 45.6	
ZSN	Zaisan	42.00 300	eP	P	19 59 43.5	+0.9
ZSN	comp=Z,15nm,0.8s					
ZSN	Zaisan	42.00 300	eP	P	19 59 43.5	+0.9
ZSN	Phrae	42.60 253	P	P	19 59 47.4	-0.4
ZSN	Telida	43.24 36	P	P	19 59 54.2	+1.7
ZSN	Barrow	43.33 24	P	P	19 59 54.1	+1.0
ZSN	A21K		IAMB	IAMB	20 00 01.8	
CHTO	Chiang Mai	43.35 254	P	P	19 59 54.5	+0.5
CHTO	Chiang Mai	43.35 254	P	P	19 59 54.5	+0.5
LSA	Lhasa	43.38 273	P	P	19 59 54.2	-0.5
LSA	Lhasa	43.38 273	P	P	19 59 54.2	-0.5
LSA			pmax	pmax		
Q19K	Cape Douglas,	43.47 42	P	P	19 59 55.2	+0.7
IMAR	Indian Mountain	43.54 32	P	P	19 59 56.0	+1.2
CMAR	Chiang Mai Arr	43.58 254	P	P	19 59 56.4	+0.6
CMAR	comp=Z,3.0nm,0.8s,baz=47,slow=6.5,SNR=30		LR	LR	20 19 19.8	
CMAR	comp=Z,53nm,18.4s,baz=50,slow=38					
CMAR	Chiang Mai Arr	43.58 254	P	P	19 59 54.8	-0.9
CMAR	Chiang Mai Arr	43.58 254	iP	P	19 59 56.7	+0.9
CMAR			pmax	pmax		
CMAR	comp=Z,3.0nm,0.8s					
M20K	Styx River	43.64 38	P	P	19 59 58.4	+2.5
ILSW	Iliamna Southw	43.68 41	IAMB	IAMB	19 59 57.5	+1.3
ILSW					20 00 23.4	
RSO	Redoubt South	43.85 40	P	P	19 59 59.4	+1.7
MK31	Makanchi Array	43.86 300	IAMB	IAMB	19 59 57.8	+0.1
MK31					19 59 59.1	
MK31	comp=Z,9.3nm,0.8s					
MK31	Makanchi Array	43.86 300	P	P	19 59 57.8	+0.1
MK31			pmax	pmax		
MKAR	Makanchi Array	43.86 300	P	P	19 59 58.3	+0.5
MKAR	comp=Z,10.0nm,0.9s,baz=83,slow=9.3,SNR=83		LR	LR	20 19 10.1	
MKAR	comp=Z,407nm,18.3s,baz=74,slow=37					
MKAR	comp=Z,10.0nm,0.9s					
MKAR	Makanchi Array	43.86 300	P	P	19 59 57.7	0.0
MKAR	Makanchi Array	43.86 300	iP	P	19 59 58.0	+0.3
MKAR			pmax	pmax		
H21K	Melozitna Rive	43.90 33	P	P	19 59 59.1	+1.3
MAKZ	Makanchi	44.06 300	IAMB	IAMB	19 59 59.0	0.0
MAKZ					20 00 10.5	
MAKZ	comp=Z,11nm,0.9s					
MAKZ	Makanchi	44.06 300	P	P	19 59 59.4	0.0
MAKZ			pmax	pmax		
PPLA	Purkeypile	44.08 37	P	P	20 00 00.3	+0.9
KDAK	Kodiak Island	44.10 44	P	P	20 00 00.0	+0.5
KDAK	comp=Z,7.4nm,0.9s,baz=332,slow=5.2,SNR=7.1					
KDAK	Kodiak Island	44.10 44	P	P	20 00 01.2	+1.7
KDAK	Kodiak Island	44.10 44	P	P	20 00 01.2	+1.7
KDAK			pmax	pmax		
CAST	Castle Rocks	44.13 36	P	P	20 00 00.2	+0.5
SEM	Semipalatinsk	44.39 305	eP	P	20 00 01.9	-0.3
SEM	Semipalatinsk	44.39 305	eP	P	20 00 01.8	-0.3
KTH	Kantishna Hill	44.66 36	P	P	20 00 05.5	+1.5
KTH			IAMB	IAMB	20 00 17.1	
MLY	Manley	44.74 33	P	P	20 00 06.0	+1.4
SUA	Susitna One	44.79 39	P	P	20 00 06.1	+1.0
SUA			IAMB	IAMB	20 00 24.6	
SHL	Shillong	44.87 268	P	P	20 00 05.2	-1.0
SHL			IAMB	IAMB	20 00 19.0	
SHL	comp=Z,16nm,1.1s					
SHL	Shillong	44.87 268	P	P	20 00 05.2	-1.0
SHL			pmax	pmax		
COLD	Coldfoot	45.03 30	P	P	20 00 07.1	+0.3
M22K	Willow	45.08 38	P	P	20 00 08.4	+1.2
H23K	Yukon River	45.25 32	P	P	20 00 09.4	+0.8
H23K			IAMB	IAMB	20 00 20.9	
BWN	Browne	45.29 35	P	P	20 00 09.9	+1.0
I23K	Minto, Yukon-K	45.33 33	P	P	20 00 09.7	+0.6
KURK	Kurchatov	45.34 306	P	P	20 00 09.1	-0.4
KURK	Kurchatov	45.34 306	iP	P	20 00 09.3	-0.2
KURK			pmax	pmax		
O22K	Cooper Landing	45.35 40	P	P	20 00 10.2	+0.8
NEA2	Nenana	45.46 34	P	P	20 00 18.5	+0.2
NEA2			IAMB	IAMB	20 00 22.8	
RND	Reindeer	45.59 36	P	P	20 00 13.0	+1.6
RND			IAMB	IAMB	20 00 26.0	
RND	comp=Z,9.9nm,1.3s					
RND	Reindeer	45.59 36	P	P	20 00 13.0	+1.6
RND			pmax	pmax		
MDM	Murphy Dome	45.81 34	P	P	20 00 13.8	+0.8
MDM			IAMB	IAMB	20 00 25.5	
WRH	Wood River Hill	45.88 34	P	P	20 00 14.6	+1.0
SML	Sawmill	45.92 38	P	P	20 00 14.3	+0.3
SML			IAMB	IAMB	20 00 28.4	

7d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SPITS Spitsbergen Ar, NOR Nord, KIRV Kirov, etc.

2017 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK, MNC, MNR, etc.

400

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL, CLM, JAVC, etc.

DDA 07 20:02:38.0L 0.0.39:56N:26:11E, h7km, 1km, ML1.5
ISK 07 20:02:37.4, 39:56N:26:08E, h10km, ML1.9, Turkey

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like KOCAN, GPNR, BOZC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 07 20:27:25.1 ± 1.8, 4.62S, 150.84E, h0km, mb2.9/2, mbtmp3.0/2, Error ellipse: s-maj=76.1km s-min=13.0km az=159.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Arr.

IDC 07 20:43:01.1 ± 1.3, 1.31N, 125.64E, h0km, mb3.9/6, mbtmp3.9/6, Error ellipse: s-maj=151.0km s-min=17.5km az=65.0

DJA 07 20:43:03.9 ± 1.6, 2.15N, 127.7E, h11km, mb3.9/6, mb4.2/2, mb4.8/1, MLV3.7/10, Mw(mb)4.0/1

ISC 07 20:43:06.5 ± 1.0, 1.86N, 101.0, 126.64E, 0.08, h47km, n15, n092/15, mb4.0/6, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for TNTI Ternate, SGSI Sangihe, LBMI Labuha, SANI Sanana, GTOI Gorontalo, LUWI Luwuk, MRSI Marisa, NLAI Namlea, SPSI Sidrap Palu, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for ASAR Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for STKA Stephens Creek.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for KURBS Kurchatov Arra.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for BVAR Borovoye Array.

ISK 07 20:53:38.6 ± 39.52N, 26.13E, h12km, ML2.6/13

THE 07 20:53:39.2 ± 39.51N, 26.13E, h5km, 1km, ML2.3/6, Error ellipse: s-maj=1.4km s-min=0.4km az=208.0

ATH 07 20:53:39.7 ± 39.51N, 26.13E, h10km, 2km, ML2.6/4, Error ellipse: s-maj=3.3km s-min=0.9km az=228.0

DDA 07 20:53:39.2 ± 0.39, 52N, 26.17E, h9km, ML2.5

ISC 07 20:53:39.1 ± 0.8, 39.51N, 0.02, 26.14E, 0.02, h11km, 5km, n45, n0938/71, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for KOCA Canakkale, GPNR Gulpinar-Canak, GSNR GSNR, PRK Paraskevi, PRK Paraskevi.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for PRK Paraskevi.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for EZN Ezine.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for EZN Ezine.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for SIGRI SIGRI.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for SIGRI SIGRI.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for SIGRI SIGRI.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for SIGRI SIGRI.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SMTH Samothraki Isl, SMTH PSARA, PSARA PSARA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for CHOS Chios Island, BALLY Balya, BALLY Balya.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for CAVK Edirne/Enez-Ca, CAVK Edirne/Enez-Ca, CAVK Edirne/Enez-Ca.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ERIK Erikl-Kesan, URLA Izmir, ENEZ Enez, ENEZ Enez, ENEZ Enez, BALKESIR Sava.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for KRBC Karabiga-Canak, GONE Balikesir, KNL Balikesir, KNL Balikesir, KNL Balikesir.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for BLCB Balcova, BLCB Balcova, BALB Balikesir, KESN Edirne-Kesan, KESN Edirne-Kesan.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ALN Alexandroupoli, ALN Alexandroupoli, ALN Alexandroupoli, ALN Alexandroupoli.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ALN Alexandroupoli, BKES Balikesir-Mer, RDO Rodhopi, SVM Samos, KVA Kavala.

IDC 07 21:07:15.0 ± 1.7, 53.65N, 163.69W, h0km, mb3.8/13, mbtmp3.8/15, ML3.3/2, MS3.3/7, Error ellipse: s-maj=39.2km s-min=17.1km az=171.0

NEIC 07 21:07:18.2 ± 2.5, 53.58N, 163.69W, 0.08, h28km, 7km, mb3.9/13, ML3.6/6, ML3.5(AEIC), Error ellipse: s-maj=8.9km s-min=6.3km az=200.0

AEIC 07 21:07:19.8 ± 2.5, 53.64N, 163.7W, 0.1, h40km, 5km, Error ellipse: s-maj=13.0km s-min=6.6km az=150.0

ISC 07 21:07:18.6 ± 0.8, 53.61N, 163.53W, 0.05, h29km, n99, n124/92, mb4.0/14, MS3.2/7, Unimak Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for FALS False Pass, FALS False Pass, FALS False Pass, AKUT Akutan, AKUT Akutan.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for UNV Unalaska Valle, UNV Unalaska Valle, UNV Unalaska Valle, UNV Unalaska Valle.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for UNV Unalaska Valle.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for S12K Black Hills.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for SDPT Sand Point.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for SDPT Sand Point.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for SDPT Sand Point.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for SDPT Sand Point.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entry for SDPT Sand Point.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for BILL Bilibino, INK Inuvik.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for INK Inuvik, INK Inuvik, INK Inuvik.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for PEAO Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for A36M Sachs Harbour, YKA Yellowknife Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for YKA Yellowknife Arr, NEW Newport, YBH Yreka Blue Hor.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for TIXI Tiksi, TIXI Tiksi, TIXI Tiksi.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for RES Resolute Bay, RES Resolute Bay, YAK Yakutsk.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for YAK Yakutsk, KLR Kuldur, H1N2 Wake Island Hy.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for H1N3 Wake Island Hy, H1N1 Wake Island Hy, H1S1 Wake Island Hy.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for H1S2 Wake Island Hy, H1S3 Wake Island Hy, FRB Froebisher Bay.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for TXAR Litaia, SONM Songino Array, ARCES ARCES Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ZALV Zalesovo Bank, FINES FINES Array B, FINES FINES Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for AKASG Malin Array Be, ESDC Sonseca Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ESDC Sonseca Array, IDC 07 21:10:20.4 ± 1.3, 6.44S, 130.68E, h0km, mb4.1/5, mbtmp4.3/7, ML4.9/2, MS3.0/3, Error ellipse: s-maj=92.7km s-min=20.4km az=67.0

DJA 07 21:10:30.0 ± 2.7, 5.2S, 131.1E, h12km, 5km, M4.6/13, mb5.0/9, mb4.8/13, ML4.4/9, Mw(mb)4.4/9

NEIC 07 21:10:31.8 ± 1.1, 6.50S, 130.5E, 0.02, h89km, 7km, mb4.3/8.8, Error ellipse: s-maj=9.7km s-min=3.1km az=189.0

ISC 07 21:10:31.0 ± 0.5, 6.52S, 130.61E, 0.06, h90km, n87, n139/84, mb4.3/17, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SAUI Saumlaki, SAUI Saumlaki, SAUI Saumlaki.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SAUI Saumlaki, SAUI Saumlaki, SAUI Saumlaki.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SAUI Saumlaki, SAUI Saumlaki, SAUI Saumlaki.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SAUI Saumlaki, SAUI Saumlaki, SAUI Saumlaki.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SAUI Saumlaki, SAUI Saumlaki, SAUI Saumlaki.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SAUI Saumlaki, SAUI Saumlaki, SAUI Saumlaki.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SAUI Saumlaki, SAUI Saumlaki, SAUI Saumlaki.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alice Springs, Mount Surprise, Marble Bar, etc.

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

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

Table with columns: UCH, Uchtor, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Uchtor, Tian-Shan, MDOK, etc.

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

Table with columns: KUU, Kurly, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kurly, SGDS, MRKS, etc.

IDC 07 21:34:53.8-0.5,52:27N;170:62W,h0km,mb4,4/32, mbmp4.4/34,ML3.8,2,MS3.8/55,Error ellipse: s-maj=17.6km s-min=10.1km az=174.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CLES, NIKH, UNV, AKUT, etc.

7d 22h

ILA	baz=243 ilan	0.58 320	↓P	Pn	22 11 05.1	+1.4
ILA	baz=325		eS	Sn	22 11 14.5	+1.7
TWE	baz=325 Neicheng	0.60 312	↓P	Pn	22 11 05.0	+1.1
TWE	baz=317		eS	Sn	22 11 14.3	+1.1
HWA	baz=317 Hwalien	0.61 236	↓P	Pn	22 11 04.9	+0.9
HWA	baz=233		eS	Sn	22 11 14.8	+1.5
NTC	baz=233 Toucheng	0.61 331	↓P	Pn	22 11 04.8	+0.8
NTC	baz=336		eS	Sn	22 11 14.1	+0.7
LATG	baz=336 Datong	0.61 291	↓P	Pn	22 11 05.0	+0.8
LATG	baz=293		eS	Sn	22 11 15.6	+1.9
ETLH	baz=293 Xulin Townshi	0.63 260	↓P	Pn	22 11 04.8	+0.4
ETLH	baz=260		S	Sn	22 11 14.3	+0.4
ENTT	baz=260 Nioudou	0.63 301	↓P	Pn	22 11 05.4	+1.1
ENTT	baz=304		eS	Sn	22 11 15.2	+1.4
TEYL	baz=304 Yanliu Villag	0.68 229	↑P	Pn	22 11 05.4	+0.6
TEYL	baz=229		eS	Sn	22 11 16.0	+1.2
FUSB	baz=229 Fushanzhiwuyua	0.68 310	↓P	Pn	22 11 06.2	+1.2
FUSB	baz=314		eS	Sn	22 11 16.7	+1.7
ETM	baz=314 Tongmen	0.70 240	↓P	Pn	22 11 05.7	+0.5
ETM	baz=238		eS	Sn	22 11 16.2	+0.8
TWB1	baz=238 Santiao Chiao	0.70 347	↓P	Pn	22 11 05.6	+0.4
TWB1	baz=352		S	Sn	22 11 15.2	-0.2
NNSB	baz=352 Datong	0.71 279	↓P	Pn	22 11 06.2	+0.8
NNSB	baz=280		eS	Sn	22 11 16.9	+1.0
NNSH	baz=280 Datong	0.71 279	↓P	Pn	22 11 06.1	+0.7
NNSH	baz=280		eS	Sn	22 11 16.2	+0.4
TIPB	baz=280 Shuangxi	0.72 335	↓P	Pn	22 11 06.1	+0.7
TIPB	baz=339		eS	Sn	22 11 16.2	+0.4
NNS	baz=339 Nan Shan	0.72 280	↓P	Pn	22 11 06.3	+0.7
NNS	baz=281		eS	Sn	22 11 17.1	+1.0
JYNG	baz=281 Yonagunijimaku	0.73 79	↓P	Pn	22 11 06.6	+1.1
JYNG	baz=281		S	Sn	22 11 17.4	+1.4
JYNG	comp=E, 110nm, 1.4s, comp=E, 53nm, 0.5s	0.73 79	↓P	Pn	22 11 06.6	
NWLT	baz=281 Wulai	0.75 308	↓P	Pn	22 11 07.1	+1.2
NWLT	baz=311		eS	Sn	22 11 17.8	+1.3
YOJ	baz=311 Yonaguni jima	0.79 79	↓P	Pn	22 11 07.0	+0.7
YOJ	baz=311		S	Sn	22 11 18.2	+0.8
YOJ	baz=311		P	Sn	22 11 07.3	+1.0
YOJ	baz=311		S	Sn	22 11 07.3	+1.0
YOJ	baz=311		A	Sn	22 11 18.6	+1.2
YOJ	comp=E, 62nm, 1.4s, comp=E, 33nm, 0.5s	0.79 79	↓P	Pn	22 11 07.2	+1.0
YOJ	baz=79		S	Sn	22 11 18.3	+0.9
YOJ	baz=79		P	Pn	22 11 07.0	+0.7
YHNB	baz=299 Yeheng	0.79 296	↓P	Pn	22 11 18.3	+0.9
YHNB	baz=299		S	Sn	22 11 18.6	+1.1
YHNB	baz=299		P	Pn	22 11 07.1	+0.7
YHNB	baz=299		↓P	Pn	22 11 07.5	+1.1
YHNB	baz=299		eS	Sn	22 11 18.7	+1.1
NSK	baz=299 Sanguang	0.81 296	↓P	Pn	22 11 07.6	+1.0
NSK	baz=299		eS	Sn	22 11 18.7	+0.7
SX11	baz=299 Grass Mountain	0.81 342	↓P	Pn	22 11 07.3	+0.6
SX11	baz=345		eS	Sn	22 11 17.9	-0.2
NWF	baz=345 Wu-fen Shan	0.82 336	↓P	Pn	22 11 07.6	+0.8
NWF	baz=339		eS	Sn	22 11 18.5	+0.2
WFSB	baz=339 Wu-fen Shan	0.82 336	↓P	Pn	22 11 07.7	+0.9
WFSB	baz=339		eS	Sn	22 11 18.2	+0.1
TEGC	baz=339 Jichi Village	0.83 223	↓P	Pn	22 11 07.7	+1.0
TEGC	baz=220		eS	Sn	22 11 19.8	+1.6
ESL	baz=220 Shilin	0.83 233	↓P	Pn	22 11 07.1	+0.3
ESL	baz=231		eS	Sn	22 11 18.4	+0.1
WHF	baz=231 Hehuan Shan	0.83 258	↓P	Pn	22 11 07.9	+0.7
WHF	baz=258		eS	Sn	22 11 19.3	+0.4
TWA	baz=258 Mucha	0.84 322	↓P	Pn	22 11 08.2	+1.3
TWA	baz=325		eS	Sn	22 11 19.7	+1.1
NHDH	baz=325 Xindian Distri	0.86 318	↓P	Pn	22 11 08.7	+1.4
NHDH	baz=321		eS	Sn	22 11 20.3	+1.3
TATO	baz=321 Taipei	0.90 317	↓P	Pn	22 11 08.9	+1.3
TATO	baz=321		S	Sn	22 11 21.0	+1.2
TATO	baz=321		P	Pn	22 11 09.2	+1.6
TATO	baz=320		↓P	Pn	22 11 08.9	+1.3
TATO	baz=320		eS	Sn	22 11 21.2	+1.5
NHY	baz=320 Taipei	0.90 323	↓P	Pn	22 11 08.8	+1.1
NHY	baz=326		eS	Sn	22 11 21.2	+1.4
TWT	baz=326 Tachien	0.90 266	↓P	Pn	22 11 09.2	+1.4
TWT	baz=266		eS	Sn	22 11 21.7	+1.6
TNOU	baz=266 National Taiwa	0.90 337	↓P	Pn	22 11 08.2	+0.5
TNOU	baz=340		eS	Sn	22 11 19.8	-0.1
TDCB	baz=340 Techi	0.91 266	↓P	Pn	22 11 09.3	+1.3
TDCB	baz=266		eS	Sn	22 11 21.2	+0.7
TAP1	baz=266 Taipei	0.92 321	↓P	Pn	22 11 10.3	+2.4
TAP1	baz=324		eS	Sn	22 11 22.6	+2.2
EGFH	baz=324 Guangfu	0.93 226	↓P	Pn	22 11 08.7	+0.6
EGFH	baz=224		eS	Sn	22 11 20.8	+0.3
TAP	baz=224 Taipei	0.93 321	↓P	Pn	22 11 09.3	+1.2
TAP	baz=324		eS	Sn	22 11 21.8	+1.2
CHGB	baz=324 Renai	0.93 254	↓P	Pn	22 11 09.4	+1.0
CHGB	baz=254		eS	Sn	22 11 21.6	+0.6
BACT	baz=254 New Taipei Cit	0.94 316	↓P	Pn	22 11 09.7	+1.5
BACT	baz=319		eS	Sn	22 11 23.1	+2.3

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OWD	Renai	0.97 248	↓P	Pn	22 11 09.5	+0.8
OWD	baz=247		eS	Sn	22 11 21.9	+0.2
YM01	baz=247 YMO1	0.98 327	↓P	Pn	22 11 09.6	+0.7
YM01	baz=330		eS	Sn	22 11 22.7	+0.8
NWRT	baz=330 Kuosheng	0.99 333	↓P	Pn	22 11 09.5	+0.6
NWRT	baz=336		eS	Sn	22 11 22.0	0.0
NFF	baz=336 Wufeng Townshi	1.00 289	↓P	Pn	22 11 10.2	+1.2
NFF	baz=290		eS	Sn	22 11 23.6	+1.3
WUSB	baz=290 Renai	1.00 251	↓P	Pn	22 11 10.3	+1.1
WUSB	baz=251		eS	Sn	22 11 23.1	+0.6
YM08	baz=251 YM08	1.01 329	↓P	Pn	22 11 09.6	+0.4
YM08	baz=332		eS	Sn	22 11 21.8	-0.6
TWS1	baz=332 Kuangyinshan	1.03 319	↓P	Pn	22 11 10.7	+1.3
TWS1	baz=322		eS	Sn	22 11 24.5	+1.5
NTY	baz=322 Taoyuan	1.04 311	↓P	Pn	22 11 11.0	+1.5
NTY	baz=313		eS	Sn	22 11 25.2	+2.1
ANP	baz=313 Anpu	1.04 326	↓P	Pn	22 11 10.1	+0.5
ANP	baz=329		eS	Sn	22 11 24.7	+1.4
NJD	baz=329 Zhudong	1.06 293	↓P	Pn	22 11 11.7	+1.9
NJD	baz=295		eS	Sn	22 11 26.3	+2.6
HGSD	baz=295 Ruisui	1.06 219	↓P	Pn	22 11 10.3	+0.5
HGSD	baz=217		eS	Sn	22 11 24.1	+0.4
NTST	baz=217 Danshui	1.06 323	↓P	Pn	22 11 10.9	+1.1
NTST	baz=325		eS	Sn	22 11 24.0	+0.4
TWY	baz=325 Chenhua	1.08 332	↓P	Pn	22 11 10.9	+0.8
TWY	baz=335		eS	Sn	22 11 23.9	-0.2
VWDT	baz=335 VWDT	1.08 239	↓P	Pn	22 11 11.3	+1.2
VWDT	baz=238		eS	Sn	22 11 24.6	+0.4
LIOB	baz=238 Emei	1.09 288	↓P	Pn	22 11 12.0	+1.0
LIOB	baz=289		eS	Sn	22 11 26.5	+2.1
NCU	baz=289 National Centr	1.10 307	↓P	Pn	22 11 11.6	+1.3
NCU	baz=308		eS	Sn	22 11 26.3	+1.8
NSM	baz=308 Shimen	1.10 332	↓P	Pn	22 11 11.5	+1.6
NSM	baz=334		eS	Sn	22 11 25.9	+1.4
NCUH	baz=334 Zhongli	1.10 306	↓P	Pn	22 11 11.6	+1.3
NCUH	baz=308		eS	Sn	22 11 25.8	+1.3
NSTT	baz=308 Nanjuang	1.10 287	↓P	Pn	22 11 12.0	+1.7
NSTT	baz=288		eS	Sn	22 11 26.6	+2.0
WHP	baz=288 Taichung City	1.11 268	↓P	Pn	22 11 12.5	+2.0
WHP	baz=268		eS	Sn	22 11 27.2	+2.3
EHY	baz=268 Hungye	1.11 224	↓P	Pn	22 11 10.7	+0.2
EHY	baz=221		eS	Sn	22 11 21.7	-3.2
HSN1	baz=221 Hsinchu	1.13 294	↓P	Pn	22 11 12.4	+1.6
HSN1	baz=295		eS	Sn	22 11 28.0	+2.6
WPL	baz=295 Puli Township	1.14 255	↓P	Pn	22 11 12.3	+1.5
WPL	baz=254		eS	Sn	22 11 26.6	+1.1
DPDB	baz=254 Guoxing	1.16 256	↓P	Pn	22 11 12.8	+1.6
DPDB	baz=256		eS	Sn	22 11 26.7	+0.6
SBCB	baz=256 Hsinchu	1.17 294	↓P	Pn	22 11 12.8	+1.5
SBCB	baz=295		eS	Sn	22 11 28.5	+2.3
WCS	baz=295 Beigang Elemen	1.17 257	↓P	Pn	22 11 12.8	+1.6
WCS	baz=257		eS	Sn	22 11 27.6	+1.4
HSN	baz=257 Hsinchu	1.18 294	↓P	Pn	22 11 12.5	+1.1
HSN	baz=298		eS	Sn	22 11 27.6	+1.0
ECBN	baz=298 Changbin	1.19 213	↓P	Pn	22 11 12.0	+0.5
ECBN	baz=211		eS	Sn	22 11 26.6	-0.1
YULB	baz=211	1.21 221	↓P	Pn	22 11 11.9	0.0
YULB	baz=211	1.21 221	P	Pn	22 11 12.8	+0.9
YULB	baz=219	1.21 221	↓P	Pn	22 11 12.0	+0.1
YULB	baz=219		eS	Sn	22 11 27.0	-0.3
SSLB	baz=219 Suanglung	1.22 245	↓P	Pn	22 11 12.9	+0.9
SSLB	baz=245	1.22 245	P	Pn	22 11 13.2	+1.2
SSLB	baz=244	1.22 245	↓P	Pn	22 11 13.1	+1.2
SSLB	baz=244		eS	Sn	22 11 27.9	+0.3
NHW	baz=244 Xinwu Township	1.22 304	↓P	Pn	22 11 13.2	+1.2
NHW	baz=306		eS	Sn	22 11 29.2	+1.7
NJN	baz=306 Zhunan	1.23 288	↓P	Pn	22 11 13.7	+1.6
NJN	baz=288		eS	Sn	22 11 29.6	+2.0
SMLT	baz=288 Sun Moon Lake	1.23 250	↓P	Pn	22 11 13.6	+1.4
SMLT	baz=249		eS	Sn		

SGST	eS	Sn	22 11 46.5 +2.6
SLGT	baz=229 Liugui	eP	22 11 24.7 +3.3
SLGT	baz=226	eS	22 11 48.0 +3.7
WSL	Shuilin Townsh	eP	22 11 23.4 +1.7
WSL	baz=245	eS	22 11 47.1 +2.2
ICHU	baz=245 Yijhu	eP	22 11 24.4 +2.4
ICHU	baz=241	eS	22 11 48.7 +3.1
JISG	baz=241 Ishigakijimahi	iP	22 11 22.9 +0.7
JISG	S	22 11 46.6 +0.7	
JISG	Ishigakijimahi	A	22 11 22.9
CHN8	Yiju	eP	22 11 24.9 +2.0
CHN8	baz=241	eS	22 11 50.5 +3.4
ECL	baz=241 Taimali	eP	22 11 22.9 -0.2
ECL	baz=212	eS	22 11 43.6 -3.7
CHN3	baz=212 Shinhua	eP	22 11 26.2 +2.9
CHN3	baz=232	eS	22 11 52.3 +4.5
SSHA	baz=232 Shanhua	eP	22 11 26.6 +3.0
SSHA	baz=235	eS	22 11 52.5 +4.2
SCST	baz=235 Cishan	eP	22 11 26.5 +2.8
SCST	baz=226	eS	22 11 52.2 +3.6
SSD	baz=226 Sandimen	eP	22 11 25.7 +1.8
SSD	baz=221	eS	22 11 51.1 +2.3
SHHT	baz=221 Tainan City	eP	22 11 27.1 +3.2
TSMG	baz=221 Majia	eP	22 11 25.8 +1.5
SCLT	baz=220 Jiali	eP	22 11 26.8 +2.5
TAI1	baz=237 Yung-k'ang	eP	22 11 27.9 +2.9
TWMI	baz=234 Shoushan	eP	22 11 28.5 +3.5
MASBT	baz=226 Mashibuluo	eP	22 11 26.5 +1.2
SGLT	baz=219 Jiouru	eP	22 11 27.9 +2.6
SGLT	baz=223	eS	22 11 54.9 +3.5
TSCK	baz=223 Chigu Township	eP	22 11 27.8 +2.2
TSCK	baz=238	eS	22 11 54.5 +2.5
TSPT	baz=238 Pingtung City	eP	22 11 29.9 +4.2
TSPT	baz=222	eS	22 11 57.3 +5.1
TAW	baz=222 Tawu	eP	22 11 26.9 +0.6
EAST	baz=210 Anshuo	eP	22 11 26.7 +0.4
EAST	baz=211	eS	22 11 53.3 +0.2
TAWH	baz=211 Dawu Township	eP	22 11 26.6 +0.1
TAWH	baz=210	eS	22 11 52.6 -0.8
LAY	baz=210 Lan-yu	eP	22 11 26.7 -0.4
LAY	baz=192	eS	22 11 50.9 -3.8
JTJ	baz=192 Tarama	iP	22 11 28.5 +1.3
JTJ	eS	22 11 56.3 +1.5	
JTJ	A	22 11 28.5	
LYUB	comp=E, 11nm, 1.5s, comp=E, 10.0nm, 1.8s	eP	22 11 26.5 -1.0
LYUB	baz=192	eS	22 11 52.1 -3.3
SCZT	baz=192 Fangliu	eP	22 11 30.1 +2.2
SCZT	baz=215	eS	22 11 58.8 +2.6
KAU	baz=215 Kaoshiung	eP	22 11 34.8 +6.4
PNG	baz=223 Penghu	eP	22 11 29.8 +0.6
PNG	baz=252	eS	22 11 58.5 -0.1
PHUB	baz=252 Peng-hu	eP	22 11 29.9 +0.5
PHUB	baz=251	eS	22 11 57.2 -1.4
WDGT	baz=251 Dungji	eP	22 11 30.9 +1.3
WDGT	baz=245	eS	22 11 59.8 +0.7
VWUC	baz=245 VWUC	eP	22 11 30.4 +0.3
VWUC	baz=286	eS	22 11 57.9 -2.1
TWP	baz=286 Hsialiuichiu	eP	22 11 35.5 +5.3
SMST	baz=219 Manzhou Townsh	eP	22 11 31.3 +0.7
SMST	baz=207	eS	22 12 01.1 +0.2
HEN	baz=207 Hengchun	eP	22 11 33.2 +1.8
HEN	baz=209	eS	22 12 03.4 +1.1
TSEB	baz=209 Hengchuen, Pin	eP	22 11 33.1 +1.4
TSEB	baz=206	eS	22 12 03.7 +0.9
TWKBT	baz=206 Hengchun	eP	22 11 32.6 +0.9
TWKBT	baz=207	eS	22 12 03.2 +0.3
TWK1	baz=207 Hengchun	eP	22 11 32.4 +0.7
TWK1	baz=207	eS	22 12 03.4 +0.5
MATB	baz=207 Ma-tsu	eP	22 11 32.4 +0.1
MATB	baz=313	eS	22 12 02.1 -1.7
VCHM	baz=313 Oimei	eP	22 12 04.2 -0.2
MSUT	baz=246 Lienchiang	eP	22 11 32.7 +0.1
MSUT	baz=313	eS	22 12 02.9 -1.6
JIRB	baz=313 Irabujima	iP	22 11 34.6 +1.3
JIRB	S	22 12 07.6 +1.8	
JIRB	A	22 11 34.6	
JKM	comp=E, 5.0nm, 4.1s, comp=E, 5.0nm, 3.9s	eP	22 12 09.4 +1.5
JKM	S	22 12 09.4	
JKM	A	22 11 37.5 +2.7	
JMJ	Miyako jima 2	eP	22 11 36.9 +2.0
JMJ	2.90 80 P	22 11 36.9 +2.0	
JMJ	2.90 80 eP	22 11 36.9 +2.0	
JMJ	baz=80	eS	22 12 09.8 +1.3
JMJ2	baz=80 Miyako jima3	iP	22 11 37.0 +1.9
JMJ2	eS	22 12 11.2 +2.3	
JMJ2	A	22 11 37.0	
JOGS	comp=E, 6.0nm, 5.0s, comp=E, 6.0nm, 4.6s	eP	22 11 38.1 +2.0
JOGS	S	22 12 13.2 +2.4	
JOGS	A	22 11 38.1	
LYJJ	comp=E, 3.0nm, 2.3s, comp=E, 3.0nm, 4.5s	eP	22 11 37.9 +0.2
LYJJ	baz=317	eS	22 12 11.8 -1.7
XPSS	baz=317 Dashigiu	eP	22 11 38.3 0.0
XPSS	baz=327	eS	

XPSS	baz=327	eS	22 12 13.2 -1.5
MHZO	Yeshan	eP	22 11 40.7 -0.2
MHZO	baz=303	eS	22 12 17.4 -1.9
KNM	Kinmen	eP	22 11 43.5 +1.8
KNM	baz=272	eS	22 11 20.5 -0.2
KNMB	Chin-men Tao	eP	22 12 42.2 0.0
KNMB	Chin-men Tao	eP	22 11 42.2 0.0
KNMB	baz=273	eS	22 12 18.7 -3.1
AXDP	baz=273 Jialang	eP	22 11 48.4 +0.4
AXDP	baz=279	eS	22 12 29.1 -2.9
BBP	Basco	eP	22 11 47.9 -0.1
BBP		eS	22 12 28.8 -3.3
ZPLA	Ao Xicun	eP	22 11 50.8 +0.3
ZPLA	baz=265	eS	22 12 34.3 -2.3
DSXP	Dongshan	eP	22 11 55.3 +0.3
DSXP	baz=262	eS	22 12 41.2 -3.4
SXFK	Yanhouchang	eP	22 11 57.6 -0.3
SXFK	baz=297	eS	22 12 45.5 -4.4
CICP	Calayan Island	eP	22 12 04.7 +0.2
CICP		eS	22 12 57.6 -4.2
SGCP	Gonzaga	eP	22 12 18.9 +0.9
SGCP		eS	22 12 23.9 -2.0
JOW	Kunigami	eP	22 12 18.4 +0.2
JOW	172nm, 0.3s, baz=168, slow=13, SNR=342	eS	22 13 25.5 -0.8
JOW	23nm, 0.3s, baz=108, slow=16, SNR=1.0	eP	22 12 18.3 0.0
JOW	Kunigami	eP	22 12 18.2 0.0
JOW	6.07 64 P	22 12 18.2 0.0	
JOW	Kunigami	eP	22 12 18.2 0.0
JOW	6.07 64 P	22 12 18.2 0.0	
JOW	baz=66	eS	22 13 25.8 -0.5
ABRA	Callao Caves	eP	22 12 26.8 +1.4
ABRA	Dolores	eP	22 12 30.7 +2.8
ABRA		eS	22 12 40.7 +4.9
SSE	Sheshan	eP	22 12 36.0 +7.6
SSE		eS	22 13 41.2 -3.3
SSE	comp=N, 91nm, 1.0s	smax	
SSE	comp=E, 67nm, 0.9s	smax	
SSE	comp=N, 220nm, 23.5s	LR	
SSE	comp=E, 270nm, 18.2s	LR	
SAMP	Sagrada Mountai	eP	22 12 38.1 +2.9
SAMP		eS	22 13 58.3 +1.6
CAUP	Cauyan	eP	22 12 40.7 +4.9
CAUP		eS	22 13 57.5 -0.3
HKPS	Hong Kong Po S	eP	22 12 40.8 +0.9
NJ2	Nanjing	eP	22 12 49.1 +1.1
NJ2		eS	22 12 55.6
NJ2	comp=E, 15nm, 0.5s	smax	
NJ2	comp=E, 290nm, 0.8s	smax	
NJ2	comp=E, 130nm, 0.8s	smax	
NJ2	comp=E, 690nm, 7.6s	LR	
NJ2	comp=E, 930nm, 7.9s	LR	
NJ2	comp=E, 490nm, 9.5s	LR	
JMZ	Minamidaito 2	eP	22 12 47.7 -1.9
JMZ	Baler	eP	22 12 56.4 +4.1
JMZ		eS	22 14 28.7 +1.3
CAUP	ChangSha	eP	22 12 59.2 -1.0
CAUP		eS	22 14 38.5 -3.1
CNSH	comp=E, 330nm, 0.7s	smax	
CNSH	comp=E, 190nm, 0.7s	smax	
WHN	Wuhan	eP	22 13 02.5 0.0
WHN		eS	22 14 16.1
WHN	comp=E, 52nm, 0.5s	smax	
WHN	Jose Panganiba	eP	22 13 14.0 +2.0
JCNP		eS	22 14 59.6 -3.1
JCNP	Nakatsue	eP	22 13 36.9 +2.4
JNU	comp=E, 19nm, 1.1s, baz=214, slow=15, SNR=2.7	LR	
JNU		LR	22 18 20.4
QIZ	Qiongzong	eP	22 13 49.7 +2.1
QIZ		eS	22 15 06.7 +0.3
QIZ	comp=E, 410nm, 21.1s	LR	
TIA	Tai'an	eP	22 13 52.4 +4.5
TIA		eS	22 16 15.0 +8.1
TIA	comp=E, 8.0nm, 0.9s	smax	
TIA	comp=E, 100nm, 4.5s	smax	
ENH	Enshi	eP	22 13 50.9 +1.5
LYN	LuoYang	eP	22 14 07.3 +2.9
LYN	comp=Z, 34nm, 0.7s	LR	
LYN	comp=N, 380nm, 9.9s	LR	
LYN	comp=E, 440nm, 5.2s	LR	
LYN	comp=Z, 350nm, 19.6s	LR	
KSAR	Wonju Array Be	eP	22 14 07.1 +0.9
KSAR	Wonju Array Be	eP	22 14 07.1 +0.9
KSAR	Korea Arry	eP	22 14 08.3 +1.8
KSAR	comp=Z, 21nm, 0.7s, baz=198, slow=13, SNR=14	LR	
KSRS	comp=Z, 86nm, 18.3s, baz=205, slow=41	LR	22 20 19.1
KS19	Wonju Array Si	eP	22 14 07.2 +0.3
GYA	Guyang	eP	22 14 16.9 +2.1
GYA		eS	22 16 46.8 +2.0
GYA	comp=Z, 23nm, 0.8s	smax	
GYA	comp=Z, 160nm, 3.5s	smax	
GYA	comp=Z, 260nm, 11.4s	LR	
GYA	comp=Z, 330nm, 11.9s	LR	
GYA	comp=Z, 390nm, 17.3s	LR	
HNS	Saijiu	eP	22 14 10.3 0.0
HNS	HongShan	eP	22 14 16.9 -1.7
HNS		eS	22 17 00.7 +7.8
HNS	comp=Z, 17nm, 1.5s	smax	
HNS	comp=Z, 380nm, 14.0s	LR	
HNS	comp=Z, 450nm, 12.9s	LR	
HNS	comp=Z, 350nm, 18.6s	LR	
DL2	Dalian	eP	22 14 21.4 +2.4
DL2		eS	
DL2	comp=Z, 46nm, 1.0s	LR	
DL2	comp=N, 220nm, 11.8s	LR	
DL2	comp=E, 270nm, 13.4s	LR	
DL2	comp=Z, 260nm, 18.0s	LR	
XAN	Xi'an	eP	22 14 21.6 +0.9
XAN		eS	22 14 31.7 -5.4
XAN		smax	22 17 07.7 +1.2
XAN	comp=Z, 25nm, 0.9s	smax	

XAN	comp=Z, 96nm, 3.6s	LR	LR
XAN	comp=Z, 640nm, 5.0s	LR	LR
XAN	comp=Z, 380nm, 4.3s	LR	LR
BJT	comp=Z, 260nm, 6.4s	P	P
BJT	Baijiatuu	16.45 344	Pn 22 14 37.8 -0.4
BJT	Baijiatuu	16.45 344	Pn 22 14 37.8 -0.4
BJT		Pmax	
BJI	comp=Z, 300nm, 1.8s	P	P
BJI	Beijing	16.47 344	P 22 14 40.5 +0.2
BJI		P	22 14 50.2 -2.1
BJI		P	22 14 54.7 -4.7
BJI		P	22 19 30.1 +2.6
DAV	comp=Z, 72nm, 4.7s	LR	LR
DAV	Davao City (W)	17.46 169	LR 22 22 06.8
CD2	comp=Z, 73nm, 18.1s, baz=6.5, slow=36	P	P
CD2	Chengdu	17.57 286	P 22 14 53.4 +0.8
CD2	comp=Z, 40nm, 0.8s	LR	LR
CD2	comp=Z, 460nm, 5.4s	LR	LR
CD2	comp=Z, 350nm, 6.0s	LR	LR
CD2	comp=Z, 480nm, 5.3s	LR	LR
KMI	comp=Z, 7.0nm, 1.1s	P	P
KMI	Kunming	17.66 277	P 22 14 57.3 +3.4
KMI		smax	22 18 09.9 +0.2
KMI	comp=Z, 85nm, 6.5s	Pmax	Pmax
KMI	comp=Z, 200nm, 9.8s	LR	LR
KMI	comp=Z, 350nm, 13.1s	LR	LR
KMI	comp=Z, 350nm, 13.9s	LR	LR
JCJ	Chichijima	18.26 77	LR 22 21 21.1
JCJ	comp=Z, 190nm, 18.6s, baz=248, slow=35	LR	
MJAR	Matsushiro Arr	18.41 45	P 22 15 01.1 -0.7
MJAR	comp=Z, 1.5nm, 0.7s, baz=215, slow=9.6, SNR=3.1	LR	22 23 10.9
MJAR	comp=Z, 103nm, 20.0s, baz=219, slow=40	LR	
MJAR	PanZhihua	18.57 281	P 22 15 06.6 +2.1
MJAR		eP	22 15 18.1 +1.8
MJAR		smax	22 18 26.6 -4.9
PZH	comp=Z, 10.0nm, 0.8s	Pmax	Pmax
PZH	comp=Z, 80nm, 5.7s	LR	LR
PZH	comp=Z, 240nm, 11.3s	LR	LR
PZH	comp=Z, 250nm, 11.8s	LR	LR
PZH	comp=Z, 290nm, 12.7s	LR	LR
HHC	Hu-ho-hao-te	18.72 334	eP 22 15 08.1 +1.9
HHC		Pmax	Pmax
HHC	comp=Z, 48nm, 1.0s	Pmax	Pmax
HHC	comp=Z, 300nm, 5.3s	LR	LR
HHC	comp=Z, 300nm, 14.6s	LR	LR
HHC	comp=Z, 200nm, 13.4s	LR	LR
HHC	comp=Z, 540nm, 15.9s	LR	LR
BTO	Baotou	19.17 331	eP 22 15 13.6 +2.1
BTO		P	22 15 34.3 +4.9
BTO		smax	22 18 48.0 +2.4
BTO	comp=Z, 640nm, 5.0s	LR	LR
BTO	comp=Z, 1.1um, 7.1s	LR	LR
BTO	comp=Z, 1.1um, 11.6s	LR	LR
BTO	comp=Z, 920nm, 6.7s	LR	LR
LZH	Lanzhou	19.66 311	eP 22 15 18.5 +1.0
LZH		P	22 15 28.1 +0.1
LZH	comp=Z, 34nm, 1.2s	LR	LR
LZH	comp=Z, 200nm, 13.9s	LR	LR
LZH	comp=Z, 390nm, 12.0s	LR	LR
LZH	comp=Z, 410nm, 14.9s	LR	LR
XLT	XilinHaoTe	20.16 347	eP 22 15 22.0 +1.1
XLT		P	22 15 32.4 +0.8
XLT		S	22 19 05

ONI	comp=Z,9.0nm,0.9s		pmax	pmax	
L20K	Farewell, AK	65.97	30	P	P
O19K	Port Alsworth	66.04	33	P	P
H21K	Melozitna Rive	66.09	27	P	P
KBZ	Khabaz	66.09	309	P	P
KBZ	comp=Z,5.5nm,0.9s,baz=110,slow=2.7,SNR=10		LR	LR	
KBZ	comp=Z,6.3nm,18.8s,baz=100,slow=39				
KBZ	comp=Z,5.5nm,0.9s	66.09	309	eP	P
KBZ	comp=Z,8.0nm,1.0s				
AKH	Akhalkalaki	66.13	306	P	P
AKH	Akhalkalaki	66.13	306	P	P
F22K	John River	66.14	25	P	P
KIV	Kislovodsk	66.19	309	P	P
KIV	Kislovodsk	66.19	309	eP	P
KIV	comp=Z,1.7nm,1.1s				
M20K	Styx River	66.39	31	P	P
I21K	Tanana	66.48	27	P	P
CHUM	Lake Minchumim	66.50	29	P	P
D23K	Nanushuk River	66.53	23	P	P
H22K	Ishatlina Cre	66.64	27	P	P
CAST	Castle Rocks	66.67	29	P	P
CAST	comp=Z,13nm,0.9s				
PPLA	Purkeypile	66.69	30	P	P
O20K	Slope Mountain	66.89	33	P	P
SPCR	Spurr Chakacha	66.93	32	P	P
COLD	Coldfoot	66.95	23	P	P
TOLK	Toolik Lake Re	66.98	23	P	P
TOLK	comp=Z,11nm,0.7s				
TOLK	Toolik Lake Re	66.98	23	P	P
MLY	Manley	67.02	27	P	P
VORR	Voronezh	67.04	318	eP	P
VORR	comp=Z,23nm,2.0s				
LPSR	Galich'ya Gora	67.04	319	eP	P
LPSR	comp=Z,7.0nm,0.9s				
E23K	Chandalar	67.04	24	P	P
BPWA	Bear Paw Mtn.	67.05	28	P	P
BPWA	comp=Z,6.8nm,0.6s				
G23K	Bananza Creek	67.07	26	P	P
VORD	Divnogorie	67.11	317	eP	P
VORD	comp=Z,5.0nm,1.1s				
SKT	Skwentna	67.13	31	P	P
C24K	Franklin Bluff	67.14	22	P	P
GEVA	Gevas	67.14	303	P	P
GEVA	comp=Z,8.6nm,0.8s				
VSR	Storozhevoje	67.15	317	eP	P
VSR	comp=Z,4.0nm,0.9s				
KTH	Kantishna Hill	67.16	29	P	P
KTH	comp=Z,7.0nm,0.8s				
H23K	Yukon River	67.40	26	P	P
E24K	Your Creek	67.46	24	P	P
TRF	Thorofare Moun	67.46	29	P	P
TRF	comp=Z,6.8nm,0.7s				
SUA	Susitna One	67.58	31	P	P
I23K	Minto, Yukon-K	67.58	27	P	P
CUT	Chulitna	67.64	30	P	P
CUT	comp=Z,2.0nm,1.0s				
CUT	Chulitna	67.64	30	P	P
F24K	Squaw Lake	67.77	25	P	P
NEA2	Nenana	67.80	28	P	P
GURO	Guroymak-BITLI	67.86	303	P	P
BRSE	Bradley Lake S	67.89	33	P	P
OBN	Obninsk	67.95	322	LR	LR
OBN	comp=Z,9.6nm,19.1s,baz=360,slow=39				
OBN	Obninsk	67.95	322	eP	P
OBN	comp=Z,11nm,0.5s				
OBN	comp=Z,9.3nm,17.0s				
D25K	Kavik River	68.01	23	P	P
MCK	McKinley	68.01	29	P	P
MCK	comp=Z,8.7nm,0.8s				
MCK	McKinley	68.01	29	P	P
MCK	comp=Z,9.0nm,0.8s				
H24K	Noodor Dome	68.07	26	P	P
G24K	Hadweenczi River	68.08	25	P	P
WRH	Wood River Hill	68.24	28	P	P
WRH	comp=Z,7.3nm,0.8s				
O22K	Cooper Landing	68.25	32	P	P
COLA	College	68.26	27	eP	P
COLA	comp=Z,4.0nm,0.9s				
VADS	Vadso	68.31	338	eP	P
CCB	Palmer	68.32	31	P	P
CCB	Clear Creek Bu	68.33	28	P	P
CCB	comp=Z,1.6nm,1.8s				
POKR	Poker Plat Res	68.39	27	P	P
POKR	comp=Z,12nm,0.7s				
POKR	Poker Plat Res	68.39	27	P	P
C26K	Camden Bay	68.40	22	P	P
SEW	Beward	68.45	33	P	P
E25K	Arctic Village	68.53	24	P	P
G25K	Bearman Lake	68.60	25	P	P
F25K	Christian Rive	68.61	24	P	P
SML	Sawmill	68.65	31	P	P

KOPT	baz=282				
KOPT	Kop Dagi	68.66	305	P	P
KNK	comp=Z,21nm,1.3s				
KNK	Knik Glacier	68.67	31	P	P
IL31		68.69	27	P	P
ILAR	Eielson Array	68.69	27	P	P
ILAR	comp=Z,2.0nm,0.5s,baz=259,slow=5.5,SNR=49				
HDA	Harding Lake	68.74	28	P	P
PWL	Port Wells	68.84	32	P	P
C27K	Jago River	68.87	22	P	P
M23K	Glacier View	68.93	31	P	P
B2AR	Burnt Mountain	69.04	24	P	P
PRP	Porcupine Dome	69.09	26	P	P
PRP	comp=Z,22nm,2.0s				
PRP	Porcupine Dome	69.09	26	P	P
SCM	Sheep Creek Mo	69.11	31	P	P
SCM	Sheep Creek Mo	69.11	31	P	P
SCM	comp=Z,31nm,0.6s				
SCM	Sheep Creek Mo	69.11	31	P	P
F26K	Sheenjek River	69.14	24	P	P
RAYN	Ar Rayn	69.16	287	P	P
RAYN	comp=Z,15nm,1.3s				
RAYN	Ar Rayn	69.16	287	P	P
RAYN	comp=Z,15nm,1.3s				
KEV	Kevo	69.18	338	P	P
KEV	Kevo	69.18	338	P	P
K24K	Donnelly Dome	69.37	28	P	P
G26K	Porcupine Rive	69.45	25	P	P
P23K	Montague Islan	69.48	32	P	P
SPB2	Spitsbergen Ar	69.54	348	P	P
SPA0	Spitsbergen Ar	69.54	348	eP	P
SPIT5	Spitsbergen Ar	69.54	348	LR	LR
SPIT5	comp=Z,15nm,19.6s,baz=55,slow=39				
SPIT5	Spitsbergen Ar	69.54	348	P	P
SPIT5	comp=Z,70nm,1.5s				
M24K	Tolsona, Glenn	69.58	30	P	P
PAX	Paxson	69.70	29	P	P
ARA0	ARCESS Array S	69.75	338	eP	P
ARCES	ARCESS Array B	69.75	338	P	P
ARCES	comp=Z,3.0nm,0.8s				
ARCES	ARCESS Array A	69.75	338	P	P
ARCES	comp=Z,40nm,1.5s				
ARCES	ARCESS Array B	69.75	338	P	P
ARCES	comp=Z,40nm,1.5s				
RIDG	Independent Ri	69.79	28	P	P
RIDG	comp=Z,20nm,1.5s				
RIDG	Independent Ri	69.79	28	P	P
KLU	Klutina	69.84	31	P	P
E27K	Coleen River	69.96	23	P	P
HARP	HAARP	69.97	30	P	P
SCRK	Sand Creek	70.10	28	P	P
SCRK	Sand Creek	70.10	28	P	P
I26K	Coal Creek Min	70.11	26	P	P
J26L	Joseph Creek	70.14	27	P	P
DOT	Dot Lake	70.15	28	P	P
G27K	Doyon Strip	70.20	35	P	P
N25K	Chitina, Valde	70.43	30	P	P
H27K	Steamboat Moun	70.51	25	P	P
L26K	Log Cabin Wild	70.62	29	P	P
I27K	Kandik River	70.65	26	P	P
KTK1	Kautokeino	70.67	338	eP	P
KTK1	comp=Z,13nm,1.2s				
K27K	Chicken	70.89	28	P	P
M26K	Nabesna, AK	70.94	29	P	P
EGAK	Eagle	71.06	27	P	P
EGAK	comp=Z,9.2nm,0.6s				
EGAK	Eagle	71.06	27	P	P
MCARA	McCarthy VSAT	71.22	30	P	P
L27K	Beaver Creek,	71.28	29	P	P
BCAR	Beaver Creek A	71.29	29	P	P
JETT	Jettan, Norway	71.45	339	eP	P
JETT	comp=Z,7.0nm,0.6s				
M27K	Edge Creek, AK	71.46	29	P	P
FIAT	FINES Array S	71.78	330	P	P
FINES	FINES Array B	71.78	330	P	P
FINES	comp=Z,1.9nm,0.4s,baz=50,slow=5.9,SNR=25				
FINES	comp=Z,99nm,19.7s,baz=68,slow=39				
FINES	FINES Array B	71.78	330	P	P
FINES	FINES Array B	71.78	330	P	P
FINES	comp=Z,2.0nm,0.4s				
GAZ	Gaziantep	71.91	303	P	P
GAZ	comp=Z,28nm,1.2s				
DAWY	Dawson	72.01	27	P	P
DAWY	comp=Z,11nm,0.6s				
DAWY	Dawson	72.01	27	P	P
I29M	Oglivie Camp,	72.04	26	P	P
CTG	Chitna Glacier	72.12	31	P	P
YUK3	Moose Creek	72.27	30	P	P
G30M	Aach Zhai Nji	72.29	24	P	P
NOR	Nord	72.30	354	iP	P
NOR	comp=Z,6.0nm,0.6s				
EPYK	Eagle Plains	72.31	25	P	P
EPYK	comp=Z,13nm,0.6s				
EPYK	Eagle Plains	72.31	25	P	P
J29M	Klondike Camp	72.37	27	P	P
BNN	Bunyan	72.44	305	P	P
O28M	Mount Upton	72.71	31	P	P
YUK8	Steele Glacier	72.74	30	P	P
INK	Inuvik	72.77	22	P	P
INK	comp=Z,13nm,0.8s				
INK	Inuvik	72.77	22	P	P
INK	comp=Z,13nm,0.8s				

INK	Inuvik	72.77	22	P	P
INK	baz=292,SNR=18				
L29M	L29M	72.86	28	P	P
K29M	Barlow Dome	72.86	27	P	P
PINM	Pinnacle	72.90	31	P	P
M29M	Somme Creek	72.94	29	P	P
F31M	Tsightehcic	72.93	23	P	P
YUK4	Talbot Arm	73.23	30	P	P
AKASG	Main Array Be	73.36	318	P	P
AKASG	comp=Z,1.6nm,0.6s,baz=59,slow=6.2,SNR=8.7				
AKAB	Main Array S1	73.36	318	eP	P
NACGM	Naroch	73.44	323	eP	P
YUK6	Outpost Moun	73.50	30	P	P
M30M	Minto, Yukon	73.62	28	P	P
O29M	Mount Kennedy	73.62	31	P	P
A36M	Sachs Harbour	73.73	17	P	P
BR131	Keskin Array S	73.81	307	P	P
BR131	comp=Z,21nm,1.0s				
BR131	Keskin Array S	73.81	307	P	P
BR131	comp=Z,21nm,1.0s				
BRTR	Keskin Array B	73.81	307	P	P
BRTR	comp=Z,9.3nm,0.9s,baz=101,slow=6.4,SNR=22				
BRTR	Keskin Array B	73.81	307	P	P
STEI	Steigen	73.81	338	eP	P
STEI	comp=Z,1				

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other details. Includes stations like MSVF Nonsavu, FUNA Funafuti, GD15 Gladstone, etc.

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other details. Includes stations like WR0 Warramunga Arr, WB0 Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other details. Includes stations like NWA0 Narrogin (SRO), BLDU Ballidu, BLDU Ballidu, etc.

7d 23h

2017 MAR

Table with columns for station code, name, time, and various data points. Includes stations like WHN, MDJ, MUDANJIANG, DALIAN, IPH, TYV, KULIM, SHENYANG, TAIAN, CHANGCHUN, NIKH, RPSI, PSI, BNX, GRNR, KLR, GSI, SUR, LYN, HNS, GYA, and TENGCHONG.

Table with columns for station code, name, time, and various data points. Includes stations like GYA, BJ, TIY, HEH, XAN, PHRA, QSPA, KMI, CRAI, XLT, MA2, CMAR, CHTO, HHC, HCH, CHGN, PZH, ZEA, HIA, R17K, TNCH, and M22K.

Table with columns for station code, name, time, and various data points. Includes stations like TNCH, SEY, OHAK, Q17K, P16K, LZH, M19K, L19K, TNA, O22K, M20K, YAK, TTA, L20K, BILL, GSI, ULN, P23K, SUA, RC01, SKT, PWL, SONM, M22K, and K20K.

		IAMS_20	IAMS_20	00 21 49.7		
K20K	comp=Z,626nm,20.0s					
K20K	Telida	83.42	16	P	P	23 50 50.4 +0.3
GTA	baz=216,SNR=7.1					
GTA	Gaotai	83.48	314	eP	P	23 50 51.6 +0.5
GTA						23 50 55.4 0.0
GTA						23 50 59.2 +1.0
GTA	comp=Z,22nm,1.3s					
GTA						pmax pmax
GTA	comp=Z,230nm,19.9s					LR LR
GTA	comp=Z,170nm,18.3s					LR LR
PMR	comp=Z,200nm,19.5s					
PMR	Palmer	83.48	19	P	P	23 50 49.5 -0.9
PMR	Palmer	83.48	19	P	P	23 50 49.5 -0.9
PMR						pmax pmax
PMR	comp=Z,130nm,1.9s					
PMR	Palmer	83.48	19	P	P	23 50 50.6 +0.3
KNK	Knik Glacier	83.56	19	P	P	23 50 51.0 +0.2
PPLA	Purkeypile	83.57	17	P	P	23 50 49.8 -1.2
PPLA						23 52 22.4
PPLA	comp=Z,29nm,1.4s					
PPLA	Purkeypile	83.57	17	P	P	23 50 49.5 -1.6
GHO	Glory Hole Cre	83.69	19	P	P	23 50 51.5 -0.1
BRDH	Baridhala	83.71	295	P	P	23 50 52.7 +0.3
CUT	comp=Z,100nm,0.3s,ba					z=91,slow=10,SNR=5.6
CUT	Chulitna	83.75	18	P	P	23 50 51.0 -0.8
CUT	Chulitna	83.75	18	P	P	23 50 50.9 -0.8
CAK	Cordova Ski Ar	83.84	21	P	P	23 50 52.0 -0.1
EYAST	Castle Rocks	84.01	17	P	P	23 50 52.1 -1.0
CAST						IAMS_20 IAMS_20 00 23 26.5
CAST	comp=Z,702nm,20.0s					
CAST	Castle Rocks	84.01	17	P	P	23 50 52.0 -1.0
BBGB	Big Mountain B	84.09	50	P	P	23 50 54.1 -0.1
BBGB						IAMB IAMB 23 51 17.9
BBGB	comp=Z,40nm,1.1s					
BBGB	Chitina, Valde	84.32	16	P	P	23 50 53.9 -0.7
CHUM	Lake Minchumin	84.35	17	P	P	23 50 53.9 -0.7
KTH	Kantishna Hill	84.45	17	IAMS_20	IAMS_20	00 23 40.9
SHL	Shilling	84.45	298	P	P	23 50 56.0 -0.4
SHL	Shilling	84.45	298	P	P	23 50 56.0 -0.4
SHL						pmax pmax
TRF	comp=Z,52nm,0.8s					
TRF	Thorofare Moun	84.55	17	IAMS_20	IAMS_20	00 22 12.1
TRF	Thorofare Moun	84.55	17	P	P	23 50 55.2 -0.8
BCW	Bitter Crk WRG	84.62	57	P	P	23 50 55.8 -1.4
BPWW	Bear Paw Mtn.	84.85	17	P	P	23 50 56.2 -1.1
RND	Reindeer	84.94	18	P	P	23 50 56.9 -0.9
RND						IAMB IAMB 23 50 59.1
RND	comp=Z,33nm,1.4s					
RND	Reindeer	84.94	18	P	P	23 50 56.9 -0.9
RND						pmax pmax
ORV	comp=Z,33nm,1.4s					
ORV	Oroville	84.95	47	IAMS_20	IAMS_20	00 20 10.2
N25K	Chitina, Valde	84.98	21	P	P	23 50 57.3 -0.8
N25K						IAMB IAMB 23 50 59.8
N25K	comp=Z,50nm,1.7s					
N25K	Chitina, Valde	84.98	21	P	P	23 50 57.9 -0.2
YBH	Yreka Blue Hor	85.02	45	LR	LR	00 20 22.1
BOD	comp=Z,549nm,21.7s					baz=250,slow=30
BOD	Bodalbo	85.10	334	eP	P	23 50 58.6 0.0
BOD						pmax pmax
VRDI	comp=Z,50nm,1.9s					
VRDI	Verde Repeater	85.11	21	IAMB	IAMB	23 50 57.5 -1.4
VRDI						23 51 03.0
GLB	comp=Z,54nm,2.0s					
GLB	Gilahina Butte	85.14	21	P	P	23 50 59.2 +0.4
GLB						23 51 17.1
H2K	Columbia Colle	85.14	49	P	P	23 50 58.9 -0.5
CMB						IAMS_20 IAMS_20 00 19 31.9
CMB	comp=Z,1um,21.0s					
CMB	Columbia Colle	85.14	49	P	P	23 50 58.9 -0.5
CMB						pmax pmax
MCK	comp=Z,9.0nm,1.1s					
MCK	McKinley	85.16	18	P	P	23 50 58.9 0.0
MCK						IAMB IAMB 23 51 00.0
MCK	comp=Z,44nm,1.3s					
MCK	McKinley	85.16	18	P	P	23 50 58.9 0.0
MCK						pmax pmax
MCK	comp=Z,44nm,1.3s					
MCK	McKinley	85.16	18	P	P	23 50 58.2 -0.7
BWN	comp=Z,221,SNR=8.4					
BWN	Browne	85.34	17	IAMS_20	IAMS_20	00 23 47.8
HARP	HAARP	85.36	20	P	P	23 50 60.0 +0.1
MCARA	McCarthy VSAT	85.37	21	P	P	23 50 59.5 -0.5
I21K	Tanana	85.43	16	P	P	23 51 00.3 +0.1
I21K						IAMS_20 IAMS_20 00 23 45.6
I21K	comp=Z,759nm,21.0s					
I21K	Tanana	85.43	16	P	P	23 51 00.2 +0.1
RDGO	Red Dog Mine	85.45	11	P	P	23 51 01.0 +0.8
H21K	Melozitina Riv	85.59	15	P	P	23 51 01.3 +0.3
IMAR	Indian Mountai	85.62	15	P	P	23 51 01.5 +0.4
BARN	Barnard Glacie	85.64	22	P	P	23 51 01.8 +0.2
MLY	Manley	85.64	16	P	P	23 51 00.8 -0.5
MLY						IAMB IAMB 23 51 02.6
MLY	comp=Z,43nm,1.7s					
MLY	Manley	85.64	16	P	P	23 51 00.8 -0.5
MLY	Isabella, Lake	85.66	51	P	P	23 51 01.8 -0.3
MLY	Isabella, Lake	85.66	51	P	P	23 51 01.8 -0.3
MLY						IAMB IAMB 23 51 14.1
MLY	comp=Z,30nm,1.4s					
MLY	Isabella, Lake	85.66	51	P	P	23 51 01.8 -0.3
MLY						pmax pmax
PAX	comp=Z,30nm,1.4s					
PAX	Paxson	85.66	19	P	P	23 51 01.1 -0.5
CTG	Chitna Glacier	85.69	22	P	P	23 51 02.2 +0.5
ELS	Elsinore Mount	85.73	54	P	P	23 51 02.5 0.0
ELS						IAMB IAMB 23 51 18.3
EDW2	comp=Z,43nm,1.6s					
EDW2	Edwards Air Fo	85.73	52	P	P	23 51 03.8 +1.3
BFSC	Mount Baldy Ra	85.76	53	P	P	23 51 04.0 +1.3
NEA2	Nenana	85.77	17	IAMS_20	IAMS_20	00 24 28.9
NEA2	Nenana	85.77	17	P	P	23 51 01.1 -0.8
GOMU	comp=Z,221,SNR=8.0					
GOMU	GeErMu	85.83	309	P	P	23 51 04.4 +1.1
GOMU						pP sP 23 51 09.6 -0.8
GOMU						sP sP 23 51 11.0 +2.5
GOMU						SS SS 00 07 19.1 +5.2
GOMU	comp=Z,81nm,8.1s					
GOMU						LR LR
GOMU	comp=Z,150nm,17.1s					
GOMU						LR LR
GOMU	comp=Z,110nm,16.4s					
GOMU						LR LR
MURC	comp=Z,220nm,19.8s					
MURC	Murrieta	85.89	54	P	P	23 51 04.1 +0.8
MDPB	Devils Postpil	85.94	49	P	P	23 51 03.7 0.0
WRH	Wood River Hill	85.96	17	P	P	23 51 01.8 -1.0
WRH						IAMB IAMB 23 51 29.8
O28M	comp=Z,62nm,1.9s					
O28M	Mount Uppton	85.99	23	P	P	23 51 03.9 +0.5
OMMB	Old Mammoth Mi	85.99	50	P	P	23 51 02.5 -1.5
M26K	Nabesna, AK	86.08	21	P	P	23 51 03.5 -0.1
M26K	Nabesna, AK	86.08	21	P	P	23 51 03.4 -0.1
M26K						baz=227,SNR=7.4

		86.11	14	P	P	23 51 04.1 +0.6
G21K	Allakaket	86.11	14	P	P	23 51 04.1 +0.6
H22K	Ishatitina Cre	86.14	15	P	P	23 51 04.3 +0.6
K24K	Donally Dome	86.16	19	P	P	23 51 04.0 +0.1
CCB	Clear Creek Bu	86.17	17	IAMS_20	IAMS_20	00 24 53.5
LRMC	Laurel Min Rad	86.19	52	P	P	23 51 06.2 +1.3
CWC	Cottonwood Cre	86.24	51	P	P	23 51 06.2 +1.1
MONPZ	Monument Peak	86.25	55	P	P	23 51 06.7 +1.5
HDA	Harding Lake	86.25	18	P	P	23 51 03.4 -0.9
HDA						IAMB IAMB 23 51 04.9
HDA	comp=Z,13nm,0.7s					
HDA						IAMS_20 IAMS_20 00 22 12.6
HDA	Harding Lake	86.25	18	P	P	23 51 03.8 -0.5
ZAK	Zakamensk	86.27	324	eP	P	23 51 03.8 -1.0
ZAK						pmax pmax
MDM	Murphy Dome	86.28	17	P	P	23 51 03.3 -1.2
MDM						IAMB IAMB 23 51 05.3
MDM	comp=Z,58nm,1.8s					
MDM						IAMS_20 IAMS_20 00 25 26.5
TCOL	CIGO, UAF Yank	86.33	17	eP	P	23 51 04.0 -0.6
COLA	College	86.33	17	eP	P	23 51 04.0 -0.6
COLA						pmax pmax
BELA	Belgrano 2	86.38	175	P	P	23 51 03.5 -1.4
V35K	Ketchikan	86.39	30	P	P	23 51 07.2 +2.1
L26K	Log Cabin Wild	86.39	20	IAMS_20	IAMS_20	00 23 02.5
RIDG	Independent Ri	86.41	19	P	P	23 51 04.5 -0.7
RIDG						IAMB IAMB 23 51 06.6
RIDG	comp=Z,54nm,1.8s					
RIDG	Independent Ri	86.41	19	P	P	23 51 04.8 -0.3
RMP	In-Ko-Pah, Jac	86.41	55	P	P	23 51 07.5 +1.6
IKX	La Rumorosa	86.42	55	P	P	23 51 04.7 -1.3
LSA	Lhasa	86.43	302	pmax	pmax	23 51 07.2 +0.6
LSA						pmax pmax
M27K	Edge Creek, AK	86.44	21	P	P	23 51 05.6 +0.2
PFO	Pinyon Flats O	86.47	54	LR	LR	00 22 38.0
PFO	Pinyon Flats O	86.47	54	P	P	23 51 05.9 -0.4
PFO						IAMB IAMB 23 51 21.1
PFO	comp=Z,1um,19.7s,ba					z=266,slow=31
PFO	Pinyon Flats O	86.47	54	P	P	23 51 05.9 -0.4
PFO						pmax pmax
PFO	comp=Z,33nm,1.6s					
PFO	Pinyon Flats O	86.47	54	P	P	23 51 07.0 +0.8
PFO						IAMB IAMB 23 51 07.2 +0.9
PFO	comp=Z,33nm,1.6s					
PFO	Pinyon Flats O	86.47	54	P	P	23 51 05.5 -0.3
YUK6	Steele Glacier	86.48	22	P	P	23 51 06.3 0.0
PAHR	Pah Rah Range	86.47	47	P	P	23 51 05.3 0.0

8d 1h

2017 MAR

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like SHIKOTAN, YUK YUK, and various Petk stations.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like WAKE ISLAND, H1N1, H1S1, and various Arctic stations.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KURK, KURBA, RES RES, and various international stations.

Table with columns: KBZ, Khabaz, 70.88 314, P, P, 01 44 26.5 +1.5. Includes various station codes and coordinates.

Table with columns: VTS, Sankt Quirin, 80.44 335, eP, P, 01 45 21.5 +1.7. Includes station names and coordinates.

Table with columns: KAPI, Kappang, 11.45 231, Pn, Pn, 01 41 24.9 +0.3. Includes station names and coordinates.

Table with columns: Mnk, Mnk, comp, iSSS, SSS, 02 13 06.6, etc. Lists various astronomical objects and their properties.

Table with columns: LRAL, DBIC, CMIG, PLCA, BO02, TRQA, MT09, MT02, JTS, ROC1, PEL, CFA, LCO, LAS, AC05, AC04, AC03, AC02, ATAH, OTAV, NNA, SJCC, LVC, UREC, CBOC, POPC, YOTC, GUY2C, SJG, ORTC, FLOC, GARC, SPRAC, ROSC, BARC, CHIC, PAMC, SMRT, SA, SDV, LPAZ, SIV, BDFB, BDFB. Lists astronomical objects with detailed parameters.

HVO 08 01:45.0-0.9, 19.35N, 0.01E:155.310W-0.009, h3km, 3km, ML2.5/23, ML2.0/38(NEIC), Error ellipse: s-maj=2.0km s-min=0.9km az=144.0, h15km, 2km, Error ellipse: s-maj=1.7km s-min=1.3km az=126.0, Hawaiian Islands:

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists Hawaiian Islands and other astronomical objects.

Table with columns: KHLU, Kahalu'u, 0.62 295, Pg, Pg, 01 45 25.3 -0.1, etc. Lists astronomical objects and their properties.

INCO		eS	Sn	03 44 00.0	-2.4
SOMAC	Volcano de Col	10.33 292	Pn	03 42 11.6	+2.7
SOMAC	Junction City	eS	Pn	03 44 03.7	+0.8
CDAR	Ciudad de Arme	10.50 289	Pn	03 42 10.2	-0.7
CDAR		eS	Pn	03 44 06.0	+0.5
R15V		10.53 290	Sn	03 44 06.0	+1.5
R15V		10.53 290	Pn	03 42 14.0	+2.5
R15V		eS	Pn	03 44 06.0	-1.5
JACO	JACO, Garabito	10.58 124	Pn	03 42 13.6	+1.6
HDC	Heredia	10.83 121	eP	03 42 16.8	+1.3
LCR2	La Lucha 2	11.06 122	eP	03 42 20.0	+1.2
PEZE	Perez Zedon,	11.53 123	Pn	03 44 03.1	+1.3
CJM	Chamela	11.59 290	eP	03 42 26.9	+1.3
SOR	Soroa	12.10 53	Pn	03 42 30.4	-1.9
BRUZ	Volcan	12.66 122	Pn	03 42 39.6	-0.4
BRUZ	Volcan	12.66 122	eP	03 42 40.8	+0.8
833A	Chaparral WMA,	13.39 337	P	03 42 52.6	+0.8
	baz=155,SNR=14				
HKT	Hockley	14.23 352	Pn	03 43 00.6	+0.4
435B	Jarell	15.36 347	I Amb	03 43 02.6	
	comp=Z,41nm,0.6s				
435B	Jarell	15.36 347	P	03 43 15.0	+0.5
JCT	Junction City	15.70 340	P	03 43 20.2	-0.5
JCT		I Amb	I Amb	03 43 55.7	
	comp=Z,53nm,0.8s				
JCT	Junction City	15.70 340	P	03 43 19.9	+1.1
	baz=157,SNR=6.7				
NATX	Nacogdoches	15.91 356	P	03 43 20.8	-0.6
NATX		I Amb	I Amb	03 43 23.9	
	comp=Z,55nm,1.4s				
NATX	Nacogdoches	15.91 356	P	03 43 21.6	+0.2
	baz=176				
BRAL	Brewton	16.38 20	P	03 43 27.6	+0.4
BRAL	Brewton	16.38 20	P	03 43 28.8	+0.5
	comp=Z,202,SNR=9.2				
TXAR	Lajitas Array	16.39 327	P	03 43 29.9	+1.5
	comp=Z,1.6nm,0.5s,baz=150,slow=11,SNR=20				
WHTX	Lake Whitney,	16.50 348	I Amb	03 44 04.3	
	comp=Z,34nm,0.8s				
WHTX	Lake Whitney,	16.50 348	P	03 43 29.0	+0.3
	baz=166				
VBMS	Vicksburg	16.55 9	P	03 43 29.5	+0.2
VBMS		I Amb	I Amb	03 43 31.0	
	comp=Z,81nm,1.1s				
VBMS	Vicksburg	16.55 9	P	03 43 29.2	-0.2
	baz=190				
DWPF	Disney Wildern	16.57 40	P	03 43 30.2	+0.6
DWPF	Disney Wildern	16.57 40	P	03 43 29.4	-0.2
	baz=225				
FW14	Alvarado	16.85 349	I Amb	03 44 06.3	
	comp=Z,58nm,0.9s				
FW07	Weatherford	17.25 348	I Amb	03 44 12.6	
	comp=Z,52nm,0.7s				
Z41A	Richland	17.38 2	P	03 43 37.9	-1.3
FW06	Azule	17.47 349	I Amb	03 44 15.3	
	comp=Z,65nm,1.2s				
ABTX	Abielene, Hawle	17.64 343	I Amb	03 44 17.1	
	comp=Z,34nm,0.8s				
ABTX	Abielene, Hawle	17.64 343	P	03 43 42.8	+0.2
	baz=160,SNR=7.6				
FW03	Perrin-Whitt E	17.64 347	I Amb	03 44 17.2	
	comp=Z,66nm,0.9s				
WLAR	White Oak Lake	17.80 1	I Amb	03 44 30.6	
	comp=Z,56nm,1.2s				
LP1G	La Paz	17.80 300	P	03 43 49.7	+5.1
	comp=Z,13nm,0.3s,baz=139,slow=9.3,SNR=1.2				
LP1G	La Paz	17.80 300	P	03 47 10.2	+6.8
	comp=Z,26nm,0.3s,baz=147,slow=4,SNR=2.2				
TIGA	Tifton	18.00 28	P	03 43 46.4	+0.4
	baz=212,SNR=11				
CCAR	Cane Creek	18.09 5	I Amb	03 43 51.0	
	comp=Z,75nm,0.9s				
LRAL	Lakeview Retre	18.13 18	I Amb	03 43 50.8	
	comp=Z,46nm,1.0s				
LRAL	Lakeview Retre	18.13 18	P	03 43 47.3	-0.2
	baz=200,SNR=16				
ODSA	Odesa	18.20 335	I Amb	03 44 23.9	
	comp=Z,100nm,1.4s				
Y45A	Yeager Farm, C	18.33 11	I Amb	03 43 52.5	
	comp=Z,62nm,1.3s				
LOOK	Love County	18.40 350	I Amb	03 44 34.2	
	comp=Z,33nm,0.8s				
WTF5	Witchita Falls	18.43 347	I Amb	03 44 26.6	
	comp=Z,43nm,1.1s				
POST	Post	18.64 339	I Amb	03 44 24.6	
	comp=Z,20nm,0.8s				
MIAR	Mount Ida	18.65 360	I Amb	03 43 59.5	
	comp=Z,31nm,0.7s				
MIAR	Mount Ida	18.65 360	P	03 43 53.3	+0.1
	baz=180,SNR=27				
X37A	Clayton	18.77 355	I Amb	03 44 32.5	
	comp=Z,64nm,1.3s				
SJCC	San Jacinto, C	18.81 106	eP	03 43 53.7	-1.4
UALR	University of	18.91 3	I Amb	03 43 57.3	
	comp=Z,66nm,0.7s				
OXF	Oxford	18.98 10	P	03 43 57.6	+0.9
	baz=192,SNR=8.6				
DBBC	Dabela	19.06 115	eP	03 44 00.5	+0.6
X34A	Smith Ranch, M	19.11 349	I Amb	03 44 41.3	
	comp=Z,39nm,0.6s				
MNTX	Cornudas Doming	19.16 328	P	03 44 59.1	+0.3
	baz=143,SNR=9.4				
UREC	San Jos de Ur	19.32 112	eP	03 43 58.8	-1.9
WMOK	Wichita Mntain	19.43 347	P	03 44 01.8	+0.1
	baz=164,SNR=12				
W35A	Tecumseh	19.49 352	I Amb	03 44 37.3	
	comp=Z,78nm,1.1s				
PLAL	Pickwick Lake	19.70 13	I Amb	03 44 09.7	
	comp=Z,94nm,1.4s				
CBOC	Ciudad Bolivar	19.81 118	eP	03 44 06.7	+0.6
Y52A	Liburd	19.89 24	I Amb	03 44 11.6	
	comp=Z,53nm,0.7s				
MSTX	Muleshoe	19.91 337	I Amb	03 44 12.6	
	comp=Z,25nm,0.8s				
MSTX	Muleshoe	19.91 337	P	03 44 07.1	0.0
	baz=153,SNR=11				
FPAL	Fort Payne	19.95 19	I Amb	03 44 12.7	
	comp=Z,34nm,0.7s				
FCAR	Ozark Folk Cen	20.03 3	I Amb	03 44 43.8	
	comp=Z,36nm,1.2s				
ZARC	Zaragoza, Cau	20.04 112	eP	03 44 06.4	-2.0
HEL2	Santa Helena	20.06 116	P	03 44 08.5	+0.5
HEL2	Santa Helena	20.06 116	eP	03 44 08.0	-1.0
TUL1	Leonard	20.12 355	I Amb	03 44 47.4	
	comp=Z,28nm,0.8s				
TUL1	Leonard	20.12 355	P	03 44 10.0	+0.9
	baz=173,SNR=8.7				
DEOK	Depew	20.12 353	P	03 44 09.6	+0.4
	comp=Z,24nm,0.8s				
DEOK	Depew	20.12 353	I Amb	03 44 45.0	
	comp=Z,24nm,0.8s				
OK030	Cody Creek RV	20.24 352	I Amb	03 44 46.9	
	comp=Z,24nm,1.3s				
LCAR	Lake Charles	20.28 6	P	03 44 10.7	-0.2
LCAR	Lake Charles	20.28 6	I Amb	03 44 46.0	
	comp=Z,42nm,1.2s				
RLO	Rose Lookout	20.31 356	I Amb	03 44 47.4	
	comp=Z,21nm,0.8s				
OK034	N. Norfolk Rd.	20.32 352	I Amb	03 44 47.0	
	comp=Z,37nm,0.7s				
OK053	SW of W Deep R	20.33 352	I Amb	03 44 48.0	
	comp=Z,25nm,1.3s				
AMTX	Amarillo	20.36 340	P	03 44 12.1	+0.3
	baz=157				
HHAR	Hobbs	20.39 359	I Amb	03 44 47.7	
	comp=Z,35nm,1.1s				
PAPH	Port-au-Prince	20.44 79	P	03 44 12.8	0.0
QUOK	Quay	20.47 353	I Amb	03 44 49.8	
	comp=Z,54nm,1.1s				
SWET	Seawanee	20.48 18	I Amb	03 44 50.5	
	comp=Z,42nm,0.8s				
YOTC	Yotoco, Valle	20.57 123	eP	03 44 15.4	+1.1
CRUC	Cerejon, Guaj	20.62 101	eP	03 44 16.0	+1.2
W50A	Signal Mountai	20.66 19	I Amb	03 44 20.8	
	comp=Z,85nm,1.2s				
OK044	Pawnee Station	20.68 352	I Amb	03 44 52.8	
	comp=Z,96nm,1.2s				
GUY2C	Guayana, Caldas	20.69 119	eP	03 44 16.0	+0.1
OK046	Pawnee Station	20.72 352	I Amb	03 44 52.8	
	comp=Z,59nm,1.0s				
JAMC	Jamuel, Valle	20.77 125	eP	03 44 17.4	+0.8
OK045	Pawnee Station	20.77 352	I Amb	03 44 53.4	
	comp=Z,70nm,0.9s				
PTBC	PUERTO BERRIO,	20.82 114	eP	03 44 14.7	-2.2
ELIS	Ellis County	20.84 346	I Amb	03 44 54.3	
	comp=Z,67nm,1.2s				

WVT	Waverly	20.86 13	P	03 44 16.3	-0.8
WVT		I Amb	I Amb	03 44 22.3	
	comp=Z,28nm,0.6s				
WVT	Waverly	20.86 13	P	03 44 17.8	+0.8
	baz=195				
NORC	Norcasia	20.94 117	eP	03 44 17.5	-0.7
HODGE	Hodges C	20.95 27	I Amb	03 44 19.3	
	comp=Z,30nm,0.8s				
CROK	Carrier	20.99 350	P	03 44 19.2	+0.8
NHSC	New Hope	21.02 33	P	03 44 20.6	+1.8
NHSC	New Hope	21.02 33	P	03 44 20.2	+1.3
	baz=218				
BBAC	Balboa, Cauca	21.09 129	eP	03 44 21.9	+1.9
121A	Cookes Peak, D	21.09 325	I Amb	03 44 27.3	
121A	Cookes Peak, D	21.09 325	P	03 44 23.2	+2.4
	baz=138,SNR=13				
BLOK	Blackwell	21.12 352	I Amb	03 44 57.9	
	comp=Z,68nm,1.0s				
CPCT	Cooper Cave	21.14 21	I Amb	03 44 56.5	
	comp=Z,71nm,1.1s				
CLTN	Cedars of Leba	21.18 16	I Amb	03 44 55.6	
	comp=Z,28nm,1.0s				
POPC	Popayan, Colom	21.19 127	eP	03 44 22.6	+1.6
OK035	E0210 Rd and N	21.32 348	I Amb	03 44 24.4	
	comp=Z,36nm,0.5s				
BG3	Lake Jocassee	21.32 24	I Amb	03 44 39.2	
	comp=Z,42nm,0.6s				
KAN18	South Haven, SW	21.41 351	I Amb	03 45 00.2	
	comp=Z,28nm,0.8s				
KAN14	Manchester OK	21.43 350	I Amb	03 44 24.6	
	comp=Z,14nm,0.5s				
SDDR	Presa de Saban	21.43 78	P	03 44 23.5	0.0
	comp=Z,55nm,0.8s				
JSC	Jenkinsville	21.44 29	I Amb	03 44 24.6	
	comp=Z,24nm,0.7s				
OTAV	KAN17 Caldwell West	21.46 135	P	03 44 25.4	+1.2
KAN17	Caldwell West	21.48 351	I Amb	03 45 01.8	
	comp=Z,21nm,0.7s				
ORTC	Ortega, Tolima	21.51 121	eP	03 44 24.3	0.0
KAN09	Caldwell North	21.55 351	I Amb	03 44 44.8	
SPBC	San Pablo de B	21.56 116	eP	03 44 23.8	-1.3
KAN01	Argonia South	21.59 351	I Amb	03 44 26.7	
	comp=Z,22nm,0.4s				
TKL	Tuckaleechee C	21.59 22	P	03 44 23.1	-1.8
	comp=Z,6.3nm,0.6s,baz=191,slow=15,SNR=27				
TKL	Tuckaleechee C	21.59 22	S	03 46 12.7	-5.6
	comp=Z,2.4nm,0.5s,baz=76,slow=12,SNR=1.5				
IMBA	Imbaba, San	21.61 134	P	03 44 28.8	+3.1
CRUC	La Cruz	21.61 129	eP	03 44 27.4	+1.7
KS20	Mayfield South	21.63 351	I Amb	03 45 02.1	
	comp=Z,30nm,1.1s				
PAULI	Pauline	21.64 27	I Amb	03 44 31.7	
	comp=Z,24nm,0.8s				
CGM3	Cape Girardeau	21.67 8	I Amb	03 45 01.6	
	comp=Z,54nm,1.3s				
U49A	Red Boiling Sp	21.73 17	I Amb	03 45 01.9	
	comp=Z,30nm,0.9s				
ROSC	El Rosal	21.78 118	P	03 44 27.0	-0.5
	comp=Z,9.4nm,0.4s,baz=132,slow=12,SNR=4.6				
ROSC	El Rosal	21.78 118	P	03 44 27.5	0.0
S39A	Bolivar	21.79 0	I Amb	03 45 02.7	
	comp=Z,64nm,1.4s				

comp=Z,4.1nm,0.6s,baz=249,slow=4.4,SNR=10.0		G30M		Atoh Zraii Njii	58.18 342	P	P	03 49 26.6 +0.2	M19K	Big River Lodg	62.59 332	P	P	03 49 58.3 +1.9			
LVC	Limón Verde	45.15 147	eP	P	03 47 52.4 +2.0	N25K	Chitina, Valde	58.20 334	P	I	03 49 28.9 +2.2	G23K	Bananza Creek	62.63 338	P	P	03 49 57.8 +1.1
LVC	Limón Verde	45.15 147	eP	P	03 47 52.0 +1.6	N25K	Chitina, Valde	58.20 334	P	I	03 49 54.4	D25K	Kaw River	62.64 341	P	P	03 49 58.0 +1.4
CLDB	Colider	45.73 123	eP	P	03 47 56.9 0.0	N25K	Chitina, Valde	58.20 334	P	I	03 49 27.0 +0.4	DUB01	Friburgo-RJ	62.68 126	eP	P	03 49 59.3 +1.7
PTLB	Pontes e Lacer	46.01 131	P	I	03 47 57.5	INIK	Inuvik	58.30 344	P	P	03 49 27.4 +0.4	E24K	Your Creek	62.71 340	P	P	03 49 58.3 +1.1
PTLB	Pontes e Lacer	46.01 131	eP	P	03 47 56.8 0.0	INIK	Inuvik	58.30 344	P	P	03 49 52.2 -0.3	Q16K	Salmon	62.73 328	P	P	03 49 58.6 +1.2
BB05	Serra de San D	46.13 134	eP	P	03 47 58.2 +0.4	INIK	Inuvik	58.30 344	P	P	03 49 27.6 +0.6	I21K	Tanana	62.74 336	P	P	03 49 58.0 +0.6
GO02	Mina Guanaco	46.93 150	P	I	03 48 06.3 +2.0	INIK	Inuvik	58.30 344	P	P	03 49 27.7 +0.7	I21K	Tanana	62.74 336	P	I	03 50 22.8 -0.2
GO02	Mina Guanaco	46.93 150	P	I	03 48 07.0	EGAK	Eagle	58.49 338	P	P	03 49 28.7 +0.2	I21K	Tanana	62.74 336	P	P	03 49 59.0 +1.6
BBR8	Robore, Bolivi	47.43 134	eP	P	03 48 08.6 +0.7	EGAK	Eagle	58.49 338	P	I	03 49 57.9	H22K	Ishaitina Cre	62.79 337	P	P	03 49 59.6 +1.9
AC02	Marcungua	48.56 151	P	I	03 48 18.9 +1.8	EGAK	Eagle	58.49 338	P	I	03 49 29.0 +0.5	COLD	Coldfoot	62.92 339	P	I	03 50 02.2 +1.7
AC02	Marcungua	48.56 151	P	I	03 48 20.3	EGAK	Eagle	58.49 338	P	I	03 49 30.6 +0.3	COLD	Coldfoot	62.92 339	P	I	03 50 29.4
SALV	Santo Antonio	48.85 128	eP	P	03 48 18.4 -0.5	EGAK	Eagle	58.49 338	P	I	03 49 32.2 +3.0	COLD	Coldfoot	62.92 339	P	P	03 50 00.2 +1.7
YKA	Yellowknife Ar	48.94 347	eP	P	03 48 18.6 -0.3	RES	Resolute Bay	58.88 360	P	I	03 49 30.6 +0.3	COLD	Coldfoot	62.92 339	P	P	03 50 29.4
YKA	Yellowknife Ar	48.94 347	eP	P	03 48 18.6 -0.3	RES	Resolute Bay	58.88 360	P	I	03 49 31.3	COLD	Coldfoot	62.92 339	P	P	03 50 00.2 +1.7
YKA	Yellowknife Ar	48.94 347	eP	P	03 48 18.6 -0.3	RES	Resolute Bay	58.88 360	P	I	03 49 31.3	COLD	Coldfoot	62.92 339	P	P	03 50 00.2 +1.7
YKA	Yellowknife Ar	48.94 347	eP	P	03 48 18.6 -0.3	RES	Resolute Bay	58.88 360	P	I	03 49 31.3	COLD	Coldfoot	62.92 339	P	P	03 50 00.2 +1.7
KOTAN	Kotanele Air	49.50 340	P	P	03 48 19.0 +0.1	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 33.5 +1.7	K20K	Telida	62.93 334	P	P	03 49 54.9 +0.7
T35M	Bob Quinn	49.53 335	P	P	03 48 26.2 +2.6	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 32.7 +0.6	K20K	Telida	62.93 334	P	P	03 49 59.6 +0.5
LCO	Las Campanas	49.72 154	P	I	03 48 27.2 +1.6	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.5 +1.6	K20K	Telida	62.93 334	P	P	03 49 59.6 +0.5
LCO	Las Campanas	49.72 154	P	I	03 48 28.5	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 35.2 +2.2	E23K	Chalalar	63.08 340	P	P	03 50 01.8 +2.1
LCO	Las Campanas	49.72 154	P	I	03 48 28.5	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 35.2 +2.2	ALF01	Guarapari-ES	63.22 123	eP	P	03 50 01.6 +0.5
LCO	Las Campanas	49.72 154	P	I	03 48 28.5	R0DS	Rosario do Sul	58.88 141	eP	P	03 50 03.6	H21K	Melozitna Rive	63.24 336	P	P	03 50 02.2 -0.5
LCO	Las Campanas	49.72 154	P	I	03 48 28.5	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	H21K	Melozitna Rive	63.24 336	P	P	03 50 25.7 -0.7
AC05	El Transito	49.75 153	P	I	03 48 27.2 +1.6	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 36.4 +1.5	H21K	Melozitna Rive	63.24 336	P	P	03 50 03.3 +2.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.6 +1.4
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 27.0 0.0
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 31.7
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK	Toolik Lake Re	63.33 340	P	P	03 50 02.9 +1.6
AC05	El Transito	49.75 153	P	I	03 48 28.3	R0DS	Rosario do Sul	58.88 141	eP	P	03 49 34.6 +1.5	TOLK					

Table with columns: Station Name, Azimuth, Elevation, P, M, S, Time, Res. Includes stations like Te Maipa, Holdsworth Sta, Otaki Gorge, etc.

SJA 08:04:35:42.8:1.4, 21.05S:68.95W, h100km, ML3.6, MW3.6, Hypocentre not reviewed by the ISC

ISC 08:04:35:44.5:1.2, 21.13S:0.04:69.07W, 0.09, h114km, 9km, n17, 0.0541/30, 10C-1D, Northern Chile

Main table of station data for the left column, including station names, coordinates, and operational status.

ISC 08:04:35:48.0:5.2, 6.03S:154.48E, h198km, 33km, mb3.1/4, mbtmp3.77, Error ellipse: s-maj=62.6km s-min=18.1km az=103.0

ISC 08:04:35:47.9:1.5, 6.05S:0.1:154.5E, 0.2, h200km, n8, 0.15/10, mb3.2/4, Bougainville-Solomon Islands region

Table of station data for the bottom left section, including stations like Keravat, Port Moresby, etc.

WEL 08:04:43:36.5:1.0, 42S:6.7:172E, h81km, 9km, M3.0/2,

MLv3.0/2, Error ellipse: s-maj=0.0km s-min=0.0km az=138.7, confirmed, South Island

Table of station data for the top middle section, including stations like Denniston North, Tophouse, etc.

NEIC 08:04:53:33.9:1.0, 3.6S:0.1:152.9E, 0.1, h25km, 5km, mb4.6/28, Error ellipse: s-maj=20.2km s-min=8.4km az=130.0

ISC 08:04:53:36.2:2.4, 3.53S:152.82E, h49km, 21km, mb4.0/14, mbtmp4.2/15, ML3.9/1, MS3.6/2, Error ellipse: s-maj=28.2km s-min=17.4km az=98.0

ISC 08:04:53:34.5:0.5, 3.55S:0.09:152.9E, 0.1, h35km, n53, 0.0595/55, mb4.5/27, New Ireland region

Main table of station data for the middle column, including stations like Rabaul, Keravat, etc.

WEL 08:04:55:06.6:1.4, 40.42S:174.06E, h83km, MLv4.0/10, Cook Strait, New Zealand

WEL 08:04:55:05.6:1.4, 40.43S:0.03:174.11E, 0.04, h92km, 10km, s-min=0.0km az=112.2, confirmed

Table of station data for the bottom middle section, including stations like Keravat, Port Moresby, etc.

WEL 08:04:55:06.6:1.4, 40.42S:174.06E, h83km, MLv4.0/10, Cook Strait, New Zealand

WEL 08:04:55:07.5:0.4, 40.2S:2.17:174E, h64km, 8km, M3.4/40, ML3.6/44, MLv3.4/40, Error ellipse: s-maj=0.0km s-min=0.0km az=112.2, confirmed

Main table of station data for the right column, including stations like Duwz D'Urville Island, etc.

ISC 08:05:05:10.4:1.6, 18.49S:177.92W, h573km, 15km, mb3.2/11, mbtmp4.2/14, Error ellipse: s-maj=44.8km s-min=12.7km az=148.0

ISC 08:05:05:08.9:1.2, 18.55S:0.3:177.8W, 0.2, h557km, n17, 0.15/10, mb3.6/11, Fiji Islands region

Table of station data for the bottom right section, including stations like Nonsauv, Afi, etc.

WEL 08:05:05:10.4:1.6, 18.49S:177.92W, h573km, 15km, mb3.2/11, mbtmp4.2/14, Error ellipse: s-maj=44.8km s-min=12.7km az=148.0

8d 10h

Table of astronomical observations for 8d 10h, listing stations like AS31, ASAR, ASAR, etc., with columns for station name, coordinates, and other parameters.

2017 MAR

Main table of astronomical observations for 2017 MAR, listing stations like AKASG, YKA, YKA, etc., with columns for station name, coordinates, and other parameters.

436

Table of astronomical observations for 436, listing stations like PDAR, NVAR, TXAR, etc., with columns for station name, coordinates, and other parameters.

8d 13h

2017 MAR

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like San Alfonso, Las Melosas, Sierra Bellavi, etc.

MOS 08 13:43:12.2.0.8, 45:69N;26:45E, h150km, mb4.1/10, Error ellipse: s-maj=5.8km s-min=4.3km az=86.1
IDC 08 13:43:12.8.0.3, 45:68N;26:31E, h140km, mb3.5/19, mbtmp3.9/27, MS3.8/1, Error ellipse: s-maj=13.8km s-min=9.7km az=154.0
MCSM 08 13:43:12.7.0.7, 46°N;2°E, h145km, ML4.1
SOF 08 13:43:13.6.45, 45:75N;26:39E, h43km, MD4.0
SIGU 08 13:43:13.1.0.1, 45:7N;0:8, 26:5E;0:8, h144km, mb3.4/3, MD3.9/21
BEO 08 13:43:13.2.0.9, 45:57N;26:16E, h0km, ML3.7/4
CFUSG 08 13:43:13.3.45, 60N;26:60E, h150km, mb3.6/4, Romania Magtype MSH 3.7 from 3 stations
NEIC 08 13:43:13.1.1.5, 45:66N;02:26:46E;0:06, h149km, 3km, mb4.1/17, ML4.2/7(BUC), Error ellipse: s-maj=6.2km s-min=2.7km az=83.0
BUC 08 13:43:13.3.0.2, 45:64N;26:48E, h143km, ml4.2/76, Error ellipse: s-maj=1.6km s-min=1.4km az=175.0
ISC 08 13:43:12.9.0.5, 45:66N;0:03:26:48E;0:02, h147km, 4km, n368, 0.996/486, mb4.0/33, 99C-47D, Romania

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Bisrra, Plostina, Nehoiu, Voineasa-Covas, Panciu, Istrita, Muntele Rosu, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TUDR, TESR, ZVZR, SCHL, SCLR, Birlad, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BURAR, BURAR, TSCT, Constanta Port, BUR08, EFORIE, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like AK11, MI28, AK15, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like LVZ, ABKAR, ESDC, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like NMR, NEM2, NEM2, etc.

DSP	Deep Springs	92.14	13	P	P	14 16 39.6	+0.4
DSP	San Juan	92.17	62	LR	LR	14 52 44.6	
SJG	Kanab	92.56	17	P	P	14 16 42.4	+1.0
KNB	Little Hootoon	92.94	12	P	P	14 16 44.1	+1.3
LHV	Mina Array	93.14	12	P	P	14 16 45.5	+1.4
LHV	Troy Canyon	93.42	14	P	P	14 16 47.4	+2.0
NVAR	Mesa Verde	93.55	20	P	P	14 16 47.4	+0.4
NVAR	Kaiserville	93.77	12	P	P	14 16 47.5	+0.2
NVAR	Henry Mountain	93.82	18	P	P	14 16 47.5	+0.2
NVAR	MSU Marysvale	94.13	17	P	P	14 16 49.9	+1.2
NVAR	S22A 4UR Ranch, Cre	94.22	21	P	P	14 16 51.3	+1.3
NVAR	VP23 Carpenter Ridg	94.65	19	P	P	14 16 51.5	+0.3
NVAR	SDCO Great Sand Dun	94.70	22	P	P	14 16 52.5	+1.1
NVAR	KAPI Kappang	95.44	254	LR	LR	14 55 58.0	
NVAR	BOSA Boshof	95.68	162	LR	LR	14 57 11.9	
NVAR	GUMO Guam	95.80	285	LR	LR	14 51 42.9	
NVAR	ELK Elko	95.83	14	LR	LR	14 51 03.2	
NVAR	YBH Yreka Blue Hor	95.94	8	LR	LR	14 50 07.2	
NVAR	PDAR Pinedale Array	98.72	18	P	P	14 17 09.2	-0.2
NVAR	PDAR Lobatse	99.25	161	LR	LR	14 57 26.2	
NVAR	TKL Tuckaleechee C	99.30	39	LR	LR	14 55 27.5	
NVAR	YKA Yellowknife Arr	117.24	10	PKP	PKP	14 22 13.2	-1.0
NVAR	YKA Sand Creek	118.00	355	P	PKiKp	14 22 16.1	+0.3
NVAR	HDA Harding Lake	118.60	354	P	PKiKp	14 22 16.9	+0.1
NVAR	EGAK Eagle	118.67	356	P	PKPdf	14 22 16.9	0.0
NVAR	ILAR Eielson Array	118.96	354	PKP	PKP	14 22 17.1	-0.3
NVAR	PRP Porcupine Dome	119.61	354	P	PKPdf	14 22 18.9	0.0
NVAR	I2IK Tanana	119.75	351	P	PKiKp	14 22 19.0	+0.1
NVAR	EPYK Eagle Plains	120.16	359	P	PKPdf	14 22 19.6	-0.1
NVAR	G27K Doyon Strip	120.72	356	P	PKiKp	14 22 21.3	+0.4
NVAR	G30M Itoah Zraii Nji	120.77	359	P	PKP	14 22 20.6	-0.3
NVAR	G24K Hadweencic Riv	120.91	354	P	PKiKp	14 22 21.8	+0.6
NVAR	PETK Petroglavovsk-	120.92	319	PKP	PKP	14 22 20.4	-1.2
NVAR	G23K Bananza Creek	121.10	353	P	PKiKp	14 22 22.3	+0.7
NVAR	G21K Allakaket	121.20	351	P	PKiKp	14 22 22.4	+0.5
NVAR	F25K Christian Rive	121.69	355	P	PKiKp	14 22 23.7	+0.9
NVAR	F24K Sheenjek River	121.71	355	P	PKiKp	14 22 23.6	+0.8
NVAR	F26K Squaw Lake	121.75	354	P	PKiKp	14 22 23.7	+0.8
NVAR	SCHO Schefferville	121.77	369	PKP	PKP	14 22 21.9	-1.3
NVAR	F21K Altna River	121.89	351	P	PKiKp	14 22 23.8	+0.6
NVAR	INK Inuvik	122.09	0	PKP	PKP	14 22 22.4	-0.9
NVAR	E27K Coleen River	122.10	357	P	PKiKp	14 22 24.0	+0.4
NVAR	E25K Arctic Village	122.21	359	P	PKiKp	14 22 24.1	+0.3
NVAR	E24K Your Creek	122.33	354	P	PKiKp	14 22 24.7	+0.7
NVAR	TOLK Toolik Lake Re	122.97	353	P	PKiKp	14 22 25.6	+0.3
NVAR	D23K Nanushuk River	123.37	353	P	PKiKp	14 22 26.9	+0.9
NVAR	D25K Kavik River	123.44	355	P	PKP	14 22 24.9	-1.1
NVAR	C27K Jago River	123.62	356	P	PKiKp	14 22 26.8	+0.3
NVAR	C26K Camden Bay	123.96	355	P	PKiKp	14 22 28.0	+0.8
NVAR	NJ2 Nanjing	125.09	278	ePKP	PKP	14 22 31.2	+0.6
NVAR	A36M Sachs Harbour	125.94	3	P	PKP	14 22 30.5	-0.1
NVAR	CMAR Chiang Mai Arr	126.28	250	PKP	PKP	14 22 32.6	-0.3
NVAR	TORD Torodi Ar. Bea	126.35	122	PKP	PKP	14 22 32.2	-0.9
NVAR	PZH Panzhihua	131.02	259	PKP	PKP	14 22 38.0	-3.9
NVAR	HEH HeiHe	132.58	300	ePKP	PKP	14 22 44.2	+0.3
NVAR	HHC Hu-ho-hao-te	135.39	281	ePKP	PKP	14 22 46.0	-3.6
NVAR	MDT Midelt	138.60	100	PKP	PKP	14 22 55.7	-0.7
NVAR	GTA Gaotai	141.34	270	PKP	PKP	14 22 57.8	-2.9
NVAR	GOMU GeErMu	142.12	262	PKP	PKP	14 22 59.3	-3.2
NVAR	GOMU GOMU	142.12	262	PKP	PKP	14 23 14.0	+7.4
NVAR	SONM Songino Array	142.53	286	PKHkP	PKP	14 22 57.6	
NVAR	ESDC Sonseca Array	143.69	93	PKP	PKP	14 23 02.6	+0.3
NVAR	BORG Borgarnes	145.80	45	PKP	PKP	14 23 09.4	+0.9
NVAR	SCO Scoresbysund	146.64	35	PKP	PKP	14 23 09.8	-0.6
NVAR	NOR Nord	147.03	4	iP	PKP	14 23 10.0	-0.3
NVAR	DBG Daneborg	147.26	38	iP	PKP	14 23 10.8	-0.5
NVAR	UIG Danmarks Havn	147.50	32	PKP	PKP	14 23 11.1	+1.1
NVAR	KEST Kesra	146.64	111	PKP	PKP	14 23 17.5	+0.5
NVAR	WMQ Urumqi	151.20	266	ePKP	PKP	14 23 18.8	+1.6
NVAR	SPITS Spitsbergen Ar	153.67	13	PKP	PKP	14 23 27.6	0.0
NVAR	SPITS Spitsbergen Ar	153.67	13	PKP	PKP	14 23 40.6	+0.2
NVAR	SPB2 Spitsbergen Ar	153.68	13	PKP	PKP	14 23 27.5	+0.1
NVAR	KSH Kashi	155.11	296	PKP	PKP	14 23 22.9	0.0
NVAR	NRK Norilsk	155.80	325	PKP	PKP	14 23 20.6	-2.2
NVAR	NRK Norilsk	155.80	325	PKP	PKP	14 23 49.6	0.0
NVAR	MKAR Makancni Array	156.02	267	PKP	PKP	14 23 21.7	-2.1
NVAR	MKAR Makancni Array	156.02	267	PKP	PKP	14 23 32.4	+4.5
NVAR	MKAR Makancni Array	156.02	267	PKP	PKP	14 23 50.5	-0.8
NVAR	MKAR Makancni Array	156.02	267	PKP	PKP	14 27 25.0	-4.3
NVAR	ZALV Zalesovo Beam	157.42	285	PKP	PKP	14 23 24.6	-0.7
NVAR	ZALV Zalesovo Beam	157.42	285	PKP	PKP	14 23 56.2	-0.8
NVAR	GERES GERES Array B	159.28	91	PKP	PKP	14 23 27.7	-0.2
NVAR	COLL Collim	159.87	84	ePKP	PKP	14 23 30.0	+1.7

CLL	comp=Z,12nm,1.3s	ePKP	PKP	14 24 09.0	+1.3		
CLL	comp=Z,200nm,19.5s	AMS	AMS	15 43 00.0			
GEYT	Alibeez	161.84	212	PKP	PKP	14 24 15.2	-1.4
VYHS	Vyhne	162.13	97	ePKP	PKP	14 23 33.6	+2.8
VYHS	Vyhne	162.13	97	ePKP	PKP	14 24 38.5	-0.5
FINES	FINES Array B	167.08	47	PKP	PKP	14 24 48.5	-0.1
AKASG	Main Array Be	169.16	101	PKP	PKP	14 24 48.5	-0.1
KBZ	Khabaz	169.42	167	PKP	PKP	14 24 49.8	+0.1

IDC 08 14:05:21.2:59.0,20:72S:176:13W,h0km,mb3.9/3,
 mbtmp3.9/3,Error ellipse: s-maj=1090.0km
 s-min=177.7km az=84.0, Fij Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
STKA	Stephens Creek	39.27	245	Op	14 12 50.3	-1.5
ASAR	Alice Springs	46.17	257	P	14 13 48.0	-0.1
WRA	Warramunga Arr	46.30	262	P	14 13 49.9	+0.8

IDC 08 14:11:54.1:2.3,9:23S:120:05E,h0km,mb3.7/3,
 mbtmp3.7/5,ML3.7/2,Error ellipse: s-maj=163.2km
 s-min=25.3km az=54.0, Sumba region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRA	Warramunga Arr	17.44	129	Op	14 15 60.0	-0.3
WRA	Alice Springs	19.54	139	P	14 16 23.1	-0.4
ASAR	Alice Springs	19.54	139	P	14 19 45.9	-1.9
SOMM	Songino Array	58.09	349	P	14 21 50.2	+0.8
MKAR	Makancni Array	65.14	332	P	14 22 36.8	-0.1
ZALV	Zalesovo Beam	69.62	339	P	14 23 04.3	-0.8

KRNET 08 14:16:59.0:0.1,41:06N:73:59E,h15km,mb2.7
 ISU 08 14:16:59.1,40:85N:73:73E,h30km
 SOME 08 14:17:01.9,41:22N:73:48E,h15km
 NNC 08 14:17:01.3:0.9,41:19N:73:45E,h0km,mb3.5,mpv3.2,
 Error ellipse: s-maj=7.1km s-min=4.2km az=179.0
 KNET 08 14:17:01.5:0.6,41:22N:73:54E,h12km,4km,mi2.3,Error
 ellipse: s-maj=6.9km s-min=3.6km az=78.0
 ISC 08 14:16:58.6:1.1,41:06N:0:02:73:15E,0:02,h12km,10km,
 n77,-0:85S/111,45C-15E,Kyrgyzstan

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
OHH	Osh	0.82	230	Op	14 17 14.4	-0.1
OHH	Osh	0.82	230	P	14 17 14.4	-0.1
ARLS	Aral	0.97	34	P	14 17 17.4	0.0
ANR	Andizhan	0.99	253	P	14 17 33.2	+0.9
AML	Almalyshu	1.07	3	Op	14 17 19.5	+0.1
AML	Almalyshu	1.07	3	Op	14 17 19.3	-0.1
AML	Almalyshu	1.07	3	Op	14 17 19.5	+0.1
UCH	Uchter	1.35	30	Op	14 17 24.8	+0.7
UCH	Uchter	1.35	30	Op	14 17 42.8	+0.5
UCH	Uchter	1.35	30	Op	14 17 24.7	+0.5
ARK	Arkit	1.44	301	Op	14 17 25.8	+0.3
FRG	Fergana	1.54	244	P	14 17 47.9	-0.4
EKS2	Erkin-Say	1.61	5	Op	14 17 50.0	+1.7
EKS2	Erkin-Say	1.61	5	Op	14 17 29.3	-0.2
EKS2	Erkin-Say	1.61	5	Op	14 17 49.4	+0.7
EKS2	Erkin-Say	1.61	5	Op	14 17 29.0	+0.7
MNAS	Manas	1.65	330	Op	14 17 29.4	+0.4
MRKS	Merke	1.71	351	P	14 17 51.6	-0.1
MRKS	Merke	1.71	351	P	14 17 31.0	+0.9
MRKS	Merke	1.71	351	P	14 17 51.8	+0.3
MRKS	Merke	1.71	351	P	14 17 53.3	-0.3
AAK	Ala-Archa	1.71	23	Op	14 17 31.3	-0.3
AAK	Ala-Archa	1.71	23	Op	14 17 53.9	+0.1
AAK	Ala-Archa	1.71	23	Op	14 17 30.9	+0.8
CHMI	Chimion	1.77	244	P	14 17 57.4	+1.9
NRN	Norilsk	1.84	77	Op	14 17 32.9	+0.4
KBK	Karagaybulak	1.89	32	Op	14 17 34.4	-0.4
KBK	Karagaybulak	1.89	32	Op	14 17 59.9	+0.6
KBK	Karagaybulak	1.89	32	Op	14 17 34.0	-0.4
FRU1	Bishkek	1.91	23	Op	14 17 34.7	+1.2
TRKS	Terek-Say	1.92	285	Op	14 17 33.5	-0.1
DRK	Karamyk	2.10	222	Op	14 17 57.0	-1.3
DRK	Karamyk	2.10	222	Op	14 17 30.9	+0.3
CHMS	Chumysh	2.12	23	Op	14 18 04.6	-1.4
CHMS	Chumysh	2.12	23	Op	14 17 38.1	+1.1
CHMS	Chumysh	2.12	23	Op	14 18 06.6	-0.1
CHMS	Chumysh	2.12	23	Op		

8d 16h

Table with columns: Station Name, Time, Res, ISC, Phase ID, and various station codes (e.g., BMAR, SCRK, J26L, WB0, WB0).

JMA 08 15:20:12.2:0.1, 24:7N:0.4:122.2E:0.2, h0km, TAIWAN REGION

TAP 08 15:20:12.8:24:73N:122.17E, h4km, ML2.8, C

ISC 08 15:20:12.6:1.0, 24:74N:0.02:122.23E:0.02, h9km, gkm, n38, c061/73, Taiwan region

Main table of station data with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC, and various station codes.

2017 MAR

Main table of station data for 2017 MAR with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC, and various station codes.

ICD 08 15:35:48.9:1.4, 24:05S:66:75W, h197km, 22km, mb3.4/1, mbmp4, 1/7, Error ellipse: s-maj=29.8km s-min=16.6km

NEIC 08 15:35:48.5:0.7, 24:05S:0:07:67:0W:0.2, h233km, 22km, mb4.2/2, ML4.1(GUC) Error ellipse: s-maj=25.6km s-min=7.5km az=105.0

SJA 08 15:35:50.6:1.1, 24:10S:66:86W, h180km, ML3.9, MW3.7, Hypocentre not reviewed by the ISC

GUC 08 15:35:50.9:0.7, 24:02S:67:39W, h233km, 9km, ML4.0

ISC 08 15:35:48.3:0.8, 24:08S:0:05:67:0W:0.1, h225km, 14km, n57, c142/75, 12C, Chile-Argentina border region

Table of station data for Chile-Argentina border region with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC, and various station codes.

448

Main table of station data for 448 with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC, and various station codes.

JMA 08 16:15:28.2:0.2, 37:7N:0.3:141.9E:0.7, h24km, 1km, MV3.8/40, SE OFF MIYAGI PREF

ICD 08 16:15:28.6:2.5, 37:22N:142:17E, h0km, mb3.3/3, mbmp3.2/4, ML2.3/1, Error ellipse: s-maj=52.7km s-min=31.9km az=39.0

ISC 08 16:15:28.8:3.4, 37:72N:0:04:141:94E:0.08, h10km, 23km, n24, c097/30, mb3.4/3, Near east coast of eastern Honshu

Table of station data for Honshu region with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC, and various station codes.

J40	Ouri	0.86 328	i P	Pb	16 15 44.1	+0.2
JIO			S	Sb	16 15 55.1	-0.4
JFK	Kawauchi	0.92 247	i P	Pb	16 15 44.4	-0.4
JFK			S	Sb	16 15 56.1	-0.9
JMM	Marumori	0.92 279	i P	Pb	16 15 44.5	-0.3
JMM			S	Sb	16 15 55.2	-0.6
ONAJ	Iwakimizuishiy	1.10 236	i P	Pb	16 15 47.4	-0.6
ONAJ			S	Pb	16 16 01.3	-1.0
JKMT	Kesennumamotoy	1.14 342	i P	Pb	16 15 48.5	+0.4
JKMT			S	Pb	16 16 02.5	-1.1
JOU	Okura	1.19 303	i P	Pb	16 15 49.7	+0.2
JOU			S	Sb	16 15 55.2	+0.2
JOTO	OTAMA OYAMA	1.28 263	i P	Pb	16 15 51.1	+0.3
JOTO			S	Pb	16 16 07.5	-0.6
JMK	Ichinoseki	1.35 335	i P	Pb	16 15 51.9	+0.2
JMK			S	Pb	16 16 08.6	-1.1
JYS	Shirataka	1.56 289	i P	Pb	16 15 56.2	+0.4
JYS			S	Pb	16 16 15.5	+0.6
JYK	Kaneyama	1.72 314	i P	Pb	16 15 57.9	+1.1
JYK	Yanaizu	1.80 261	i P	Pb	16 15 59.1	-0.8
JFY			S	Pb	16 16 21.6	+0.8
JOM	Ohasama	1.82 344	i P	Pb	16 15 58.7	+0.6
MMAR	Matsushiro Arr	3.21 250	Pn	Pb	16 16 20.4	+3.1
MMAR		0.3nm,0.3s,baz=77,slow=15,SNR=14		Sb	16 17 01.2	-1.7

H11N2	WAKE ISLAND Hy	28.16 123	T		16 50 49.0	
H11N1	WAKE ISLAND Hy	28.16 123	T		16 50 49.6	
H11N3	WAKE ISLAND Hy	28.17 123	T		16 50 51.5	
H11S1	WAKE ISLAND Hy	28.90 125	T		16 51 45.1	
H11S3	WAKE ISLAND Hy	28.90 125	T		16 51 44.6	
H11S2	WAKE ISLAND Hy	28.91 125	T		16 51 48.2	
MKAR	Makanchi Array	44.11 302	P		16 23 41.8	+6.6
WRA	Warramunga Arr	57.80 188	P		16 25 17.8	-0.5
ASAR	Alice Springs	61.53 188	P		16 25 44.6	+0.7

ROM 08 16:26:36.2.9.3,15.87S,174.110W,h0km,mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=412.1km s-min=68.6km az=140.0, Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
WRA	Warramunga Arr	49.08 257	P	P		16 35 25.7	-0.1
ASAR	Alice Springs	49.32 252	P	P		16 35 27.3	-0.3
BRTR	Keskin Array B	146.08 320	PKPbc	PKPdf		16 46 18.0	+0.1

WEL 08 16:28:59.8.0.7,32.5°S,177.8°E,h33km,M4.3/6, ML4.7/17,MLV4.3/6,Error ellipse: s-maj=0.0km s-min=0.0km az=109.2, confirmed, North of New Zealand

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
GLKZ	Green Lake	4.33 56	S	Pn		16 30 47.8	-4.7
MXZ	Matakoao Point	5.79 177	P	Pn		16 30 26.1	+2.8
HAZ	Te Kaha	5.98 182	S	Pn		16 31 31.7	+3.1
WMGZ	Waiomatatini S	6.05 177	S	Pn		16 30 30.1	+3.2
PKGZ	Pakihoroa	6.11 179	P	Pn		16 31 36.8	+1.8
RUGZ	Raukumara Rang	6.19 182	P	Pn		16 31 36.2	+2.0
PUZ	Puketiti	6.30 178	P	Pn		16 30 32.6	+2.3
TGWZ	Tauwhareparae	6.40 180	P	Pn		16 30 34.7	+2.9
URZ	Urewera	6.52 186	P	Pn		16 31 45.2	+1.5
MWZ	Matawai	6.57 183	P	Pn		16 31 51.4	+4.8
CNGZ	Carnagh Statio	6.71 178	P	Pn		16 31 49.4	+1.6
RTZ	Ruatahuna	6.89 187	P	Pn		16 31 57.3	+1.6
RIGZ	Rimuha	6.93 181	P	Pn		16 30 39.5	+0.4
MTZH	Maugataniwha	7.13 187	P	Pn		16 30 44.2	+2.4
RAHZ	Arahi	7.17 186	P	Pn		16 32 02.5	+0.7
NMHZ	Naumai	7.38 187	P	Pn		16 30 46.7	+1.5
BKZ	Black Stump Fm	7.49 189	P	Pn		16 32 11.0	+3.1
OTVZ	Oturere	7.62 194	P	Pn		16 32 11.7	+1.3
KWHZ	Kaweka Forest	7.75 189	P	Pn		16 30 50.0	+1.4
WNVZ	Wahianoa	7.79 184	P	Pn		16 30 52.6	+1.6
BHZ	Black Hill Sta	7.87 191	P	Pn		16 30 51.7	-0.2
KAHZ	Kahuranaki	8.06 186	P	Pn		16 32 19.5	-0.3
PKXZ	Pawanui	8.30 186	P	Pn		16 30 53.4	-1.2
PRHZ	Porangahau	8.56 187	P	Pn		16 32 21.9	-2.7
BFZ	Birch Farm	9.01 188	P	Pn		16 30 54.8	-2.9
MRZ	Mangatoinaka R	9.09 192	P	Pn		16 30 58.6	-2.7
HOWZ	Holdsworth Sta	9.33 192	P	Pn		16 31 03.8	-3.7
TMWZ	Te Maipa	9.48 190	P	Pn		16 32 40.7	-7.1

ROM 08 16:31:33.8.0.0,42.732N,0.002,13.034E,0.002, h10km,ML1.5/5,3C-4D,Error ellipse: s-maj=0.2km s-min=0.2km az=143.0, Central Italy

T1216			S	Sg	16 31 41.0	+1.0
T1216	comp=E,188um,1.5s		AML	AML		
T1216	comp=N,206um,0.4s		AML	AML		
T1216	comp=N,206um,0.4s		AML	AML		
T1216	comp=E,188um,0.5s		AML	AML		
T1245	Castelsantange	0.17 42	U P	Pg	16 31 38.1	+0.4
T1245			S	Sg	16 31 41.0	+0.6
T1245	comp=E,255um,1.3s		AML	AML		
T1245	comp=E,211um,0.5s		AML	AML		
T1245	comp=N,324um,0.4s		AML	AML		
T1245	comp=E,255um,0.7s		AML	AML		
T1245	comp=N,399um,0.6s		AML	AML		
MC2	Monte Cornacci	0.21 33	P	Pg	16 31 38.9	+0.4
T1211	Morro Reatino	0.24 214	U P	Pg	16 31 42.9	+1.3
T1211			S	Sg	16 31 39.4	+0.6
T1211			AML	AML		
T1211	comp=N,234um,0.2s		AML	AML		
T1211	comp=E,217um,1.0s		AML	AML		
ARRO	Arrone	0.25 232	U P	Pg	16 31 39.6	+0.7
ARRO			S	Sg	16 31 42.8	+0.4
RM33	Pellescrista (	0.26 149	P	Pg	16 31 39.6	+0.5
MMO1	Montemonaco	0.27 52	P	Pg	16 31 43.9	+1.2
MMO1			S	Sg	16 31 39.9	+0.4
T1241	Roccafulivone,	0.32 67	P	Pg	16 31 44.3	+1.1
T1241			S	Pb	16 31 40.6	+0.4
T1219	Muccia, Frazio	0.32 357	U P	Pg	16 31 45.9	-0.9
T1219			S	Sg	16 31 40.6	+0.3
CSP1	Cessapalombo	0.38 19	P	Pg	16 31 45.8	+1.0
ASSB	Assisi San Ben	0.41 319	P	Pg	16 31 48.2	-0.5
ASSB			S	Pb	16 31 42.4	+0.4
CAFI	Castiglione Fio	0.98 308	P	Pb	16 31 49.0	-0.6
CAFI			AML	AML		
CAFI	comp=E,51um,1.6s		AML	AML		
CAFI	comp=N,53um,1.6s		AML	AML		

ROM 08 16:32:21.1.0.1,42.652N,0.003,13.154E,0.004, h11km,ML1.4/6,5C-3D,Error ellipse: s-maj=0.3km s-min=0.3km az=61.0, Central Italy

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
T1218	Civita (PG)	0.03 302	P	Pg		16 32 23.1	+0.3
T1218			AML	AML		16 32 25.1	+0.3
T1218	comp=E,602um,0.3s		AML	AML			
T1218	comp=N,538um,0.2s		AML	AML			
T1218	comp=E,574um,0.3s		AML	AML			
T1218	comp=N,538um,0.3s		AML	AML			
T1218	comp=E,602um,0.3s		AML	AML			
T1218	comp=N,538um,0.2s		AML	AML			
T1214	Arquata del Tr	0.12 21	U P	Pg		16 32 24.5	+0.3
T1214			S	Sg		16 32 26.6	+0.2
T1214	comp=E,247um,1.6s		AML	AML			
T1212	Cascia, Frazio	0.13 321	U P	Pg		16 32 24.8	+0.5
T1212			S	Sg		16 32 27.1	+0.6
T1212	comp=N,109um,0.7s		AML	AML			
SMA1	SAN MARTINO	0.14 99	U P	Pb		16 32 25.1	-0.6
SMA1			S	Sg		16 32 27.7	+1.0
SMA1	comp=E,478um,0.3s		AML	AML			
SMA1	comp=N,331um,0.3s		AML	AML			
SMA1	comp=E,478um,0.3s		AML	AML			
SMA1	comp=N,330um,0.3s		AML	AML			
SMA1	comp=E,478um,1.7s		AML	AML			
SMA1	comp=N,330um,1.7s		AML	AML			
RM33	Pellescrista (	0.15 163	U P	Pg		16 32 25.1	+0.5
RM33			S	Sg		16 32 28.0	+0.9
RM33	comp=E,166um,1.3s		AML	AML			
RM33	comp=N,170um,0.3s		AML	AML			
RM33	comp=E,166um,1.3s		AML	AML			
T1217	Poggiodoro (PG)	0.17 290	P	Pg		16 32 25.5	+0.5
T1217			S	Sg		16 32 28.9	+1.0
T1211	Morro Reatino	0.25 242	P	Pg		16 32 26.8	+0.5
T1211			S	Sg		16 32 30.9	+1.1
T1215	Vallo di Nera,	0.26 306	P	Pg		16 32 27.0	+0.6
T1215			S	Sg		16 32 31.0	+1.0
T1222	Castel Sant'An	0.27 199	U P	Pg		16 32 26.9	+0.4
T1222			S	Sg		16 32 31.4	+1.1
MMO1	Montemonaco	0.28 27	P	Pg		16 32 27.1	+0.3
MMO1			S	Sb		16 32 31.9	-1.0
T1241	Roccafulivone,	0.29 45	U P	Pg		16 32 27.2	+0.2
AQU	L'Aquila	0.35 148	U P	Pg		16 32 22.1	-6.0
T1219	Muccia, Frazio	0.42 345	P	Pg		16 32 28.2	-1.2
CSP1	Cessapalombo	0.44 5	U P	Sb		16 32 30.1	+0.2
CSP1			S	Sb		16 32 37.3	-0.4

IDC 08 16:38:36.3.2.3,3.70S,128.56E,h0km,mb3.3/2, mbtmp3.2/3,ML3.0/1,Error ellipse: s-maj=145.2km s-min=30.3km az=68.0, Seram

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
WRA	Warramunga Arr	17.10 161	P	Pn		16 42 35.4	-1.6
ASAR	Alice Springs	20.51 166	P	P		16 43 17.0	+0.7
MKAR	Makanchi Array	64.70 327	P	P		16 49 16.1	-0.1

IDC 08 16:38:44.1.1.0,6.35N,125.03E,h0km,mb3.6/5, mbtmp3.6/5,Error ellipse: s-maj=24.3km s-min=10.3km az=117.0

CTBH	Cotabato-PC H	2.12 280	U P	Pn	16 39 19.8	0.0
CTBH			i S	Sn	16 39 44.1	-1.4
CGP	Cagayan de Oro	2.29 314	U P	Pn	16 39 22.5	+0.5
CGP			e S	Sn	16 39 49.9	+0.1
WRA	Warramunga Arr	27.76 164	P	P	16 44 34.0	+1.0
ASAR	Alice Springs	31.21 167	P	P	16 45 04.8	+1.2
ASAR		0.3nm,0.4s,baz=339,slow=7.0,SNR=3.5		PcP	16 47 58.9	+0.5
ASAR		0.3nm,0.5s,baz=344,slow=2.9,SNR=7.5				
STKA	Stephens Creek	41.16 160	P	P	16 46 29.8	+1.2
STKA		2.1nm,0.8s,baz=333,slow=6.8,SNR=3.8				
MKAR	Makanchi Array	54.81 324	P	P	16 48 13.8	-0.3
MKAR		0.4nm,0.5s,baz=118,slow=8.3,SNR=7.6				
KURBB	Kurchatov Arr	58.94 327	P	P	16 48 42.5	-0.8
KURBB		0.2nm,0.4s,baz=130,slow=7.0,SNR=5.0				

ROM 08 16:41:51.2.0.0,43.068N,0.001,13.052E,0.003, h10km,ML2.7/9,24C-18D,Error ellipse: s-maj=0.2km s-min=0.1km az=67.0, Central Italy

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
T1220	Camerino, Fraz	0.05 33	U P	Pg		16 41 53.4	+0.1
T1220			S	Sg		16 41 54.9	+0.2
T1220	comp=E,9110um,0.2s		AML	AML			
T1220	comp=E,9730um,0.2s		AML	AML			
T1220	comp=E,9070um,0.2s		AML	AML			
T1220	comp=N,5350um,1.5s		AML	AML			

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Shannon Statio, Edgumbe, Manawaha, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Nonsavu, STKA, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like DJR, BLB, KPKS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SATY, SATY, SATY, etc.

KRNET 08 17:04:11.1s, 0.40, 30N, 74.73E, h26km, mb3.0
SOME 08 17:04:12.4, 40.28N, 74.68E, h15km
NNC 08 17:04:12.6, 1.2, 40.33N, 74.74E, h0km, mb3.0, mpv3.2, Error ellipse: s-maj=8.9km s-min=5.4km az=173.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like OHH, OHH, NRN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ARK, ARK, KDJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TNSS, TNSS, TNSS, etc.

JMA 08 17:19:25.5, 0.1, 35.3N, 0.2, 141.3E, 0.7, h38km, 1km, ML3.8/2.8E OFF BOSO PENINSULA
IDC 08 17:19:29.9, 1.5, 34.18N, 137.90E, h0km, mb3.6/2, mbmp3.6/2, ML1.7/1, Error ellipse: s-maj=34.8km s-min=21.5km az=83.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CHOI, CHOI, BSO1, etc.

plane solution: M0.4.68000x1014 NP1.0.233.23000.0. 5.78.98000.0.17.72000.0. NP2.0.139.74000.0.672.62000.0. 1.168.45000.0. Principal axes: T.4.6651. Plg2.0.0000.0. Azm97.0000.0. N.0.0325. Plg69.0000.0. Azm264.0000.0. P. -4.6976. Plg4.0000.0. Azm6.0000.0.

ISC 08 17:20:23.8.0.9.36.62N.0.02.121.29W.0.02.0. h17km.5km. n260.0.0998/269. Central California

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Name, Location, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Name, Location, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

JMA 08 17:22:30.6.0.6.44°N.2°15'00"E. h30km, MV3.8/15, SE OFF ETOROFU
NIED 08 17:22:30.6.44°46'N.149°78'E, h30km, MW3.8, Moment Tensor solution. s3 Moment tensor: Scale 10^14Nm; Mn:0.82; M0:3.93; Mb:4.75; Mw:2.37; Ms:3.05; Mr:1.22; Fault plane solution: Ms:5.96000x1014 NP1.0.233.23000.0. 685.00000.0. A.152.00000.0. NP2.0.153.00000.0. 863.00000.0. M0:0.00000.0.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Station Name, Frequency, Mode, Band, and Time. Includes stations like SIMA, CAVK, GOKA, G4DA, ENEZ, etc.

Main table with columns: Code, Station Name, Frequency, Mode, Band, and Time. Includes stations like SUZU, BUR01, AKASG, FINES, ARU, KURBB, MKAR, DAG, FRB, etc.

Table with columns: Station Name, Frequency, Mode, Band, and Time. Includes stations like T1220, CESI, CSPI, T1216, T1216, T1216, etc.

Table with columns: BRZS, 28nm, 0.3s, Berezinski, 6.54, 5, ePg, Pg, 22 37 03.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: ARCES, comp=Z, 0.2nm, 0.3s, bazz=204, slow=19, SNR=5.0, etc.

NEIC 08 22:37:45.2, 1.5, 17.33N; 0.2, 145.59E; 0.2, h441km, 12km, mb3, 8/10, Error ellipse: s-maj=31.0km s-min=8.4km az=138.0

IDC 08 22:37:47.0, 2.1, 17.33N; 145.59E; h468km, 27km, mb3, 1/7, m1mp3, 9/8, Error ellipse: s-maj=32.0km s-min=25.5km az=108.0

ISC 08 22:37:45.6, 0.6, 17.33N; 0.09, 145.5E; 0.2, h450km, n23, s1500/27, mb3, 7/12, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

NAO 08 22:37:31.6, 2.1, 72.38N; 2.27E, ML3, 1 IDC 08 22:37:33.1, 1.6, 72.30N; 2.89E, h0km, mb3, 1/2, m1mp3, 3/5, ML2, 5/3, MS3, 1/13, Error ellipse: s-maj=41.3km s-min=20.9km az=29.0

BER 08 22:37:37.3, 3.3, 72.51N; 2.52E, h22km, 54km, ML2, 0, ML3, 1(NAO), Confirmed Earthquake

DNK 08 22:37:38.0, 1.2, 72.89N; 1.75E, h0km, 91km ISC 08 22:37:33.5, 0.9, 72.47N; 0.09, 2.94E; 0.07, h10km, n47, s185/44, MS3, 2/9, Norwegian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: ANVS, baz=20, 0.3s, Przheval'sk, 2.62, 35f, eP, Pn, 22 41 14.9 +2.2, etc.

9d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SHL, PETK, MK31, MKAR, MKAZ, ZALV, VVDA, VVND, KVAR, BRVK, KDAD, GSPA, ILAR, INK, YBH.

UCR 08 22:50:02.0, 1.4, 8:87N, 84:06W, h3km, 12km, MW3.5
UPA 08 22:50:03.5, 1.8, 8:901N, 83:94W, h0km, 8km, MW3.5
ISC 08 22:50:02.7, 1.5, 8:93N, 0:05, 84:01W, 0:05, h3km, 12km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EDDO, FLAN, SVQZ, EDPN, LLNJ, BUSI, SRBA, ABEZ, LCRZ, EDAD, ACOS, OCM, JACO, PCLAV, EDSV, RAFA, MRVA, HAYA, VICC, HDC, RVSTA, LCCOC, BRUZ, BRUZ, BRUZ, LESP3, LESP3, BCOZ, PTAR3, SOCE, JTS, LCCO3, LCCO3.

ISC 08 23:26:25.7, 29.0, 18.85S, 176:77W, h0km, mb4.0/4,
mbtmp4.0/4, Error ellipse: s-maj=537.8km
s-min=154.4km az=75.0, Fij Islands region

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

NOU 08 23:33:31.5, 39:71S, 177:20E, h16km, MLV3.6/7, Off E.
Coast of N. Island, N.Z.
WEL 08 23:33:43.4, 40:53S, 177:17E, h51km, 4km, M3.3/48,
ML3.5/48, MLV3.3/48, Error ellipse: s-maj=0.0km
s-min=0.0km az=79.3, confirmed

ISC 08 23:33:32.0, 1.4, 39:76S, 177:12E, 0:05, h63km, 6km,
n115, 0:09/120, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CKH, KAHZ, PKXZ, MCHZ, ARHZ, WPHZ, PRHZ, KWHZ, WHHZ, PNHZ, BKZ, RAHZ, KNZ, MHZ, BHHZ, DVHZ, MTHZ, TSZ, SNGZ, MRHZ, MOVZ, BFZ, RTZ, RIGZ, PRWZ, POWZ, TUVZ, WNVZ.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ETVZ, TMVZ, OTVZ, WHVZ, RAGZ, SVVZ, DRZ, NTVZ, MGZ, FWVZ, PRVZ, MTVZ, ALRZ, WTVZ, CPVZ, PWVZ, TWVZ, WHTZ, TKGZ, WPRZ, PKVZ, MRZ, RRRZ, URZ, URZ, HRRZ, GNVZ, TARZ, HSRZ, HLRZ, KUTZ, WAZ, HOWZ, TWGZ, OMRZ, NGRZ, OIHZ, RUGZ, MTW, TLZ, PUZ, WHRZ, OPRZ, TRVZ, PKGZ, KIW, HAZ, CAW, HIZ, HLLZ, WMGZ, PLWZ, MWZ, NEZ, SNZO, KHEZ, PKE, TCW, DUWZ, TUWZ, BSWZ, AWAZ, TKNZ, MRZ, QNZ, THZ, KHZ, GAVZ, LQZ, MZ, INZ, HNZ, WACZ, CTZ, WTCZ, ODZ, HHSZ.

ISC 08 20:03:35.5, 2.1, 7:36S, 126:12E, h0km, mb3.4/1,
mbtmp3.7/3, ML2.6/2, Error ellipse: s-maj=217.6km
s-min=32.5km az=62.0, Banda Sea

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

ISC 09 00:03:00.8, 3.1, 41:97N, 123:68E, h0km, mb3.2/1,
mbtmp3.1/3, ML2.6/2, Error ellipse: s-maj=34.6km
s-min=22.5km az=85.0, Northeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KSRS, USRK, USRK, USRK, KLR, ILAR.

MAN 09 00:04:43.3, 5:80N, 126:79E, h134km, mb4.6, ML3.5,
ML3.4

ISC 09 00:04:43.3, 6.5, 9:59N, 126:92E, h164km, 27km, mb3.4/8,
mbtmp3.8/8, Error ellipse: s-maj=116.6km s-min=12.2km
az=66.0

ISC 09 00:51:51.3, 1.2, 5:79N, 109:126.6E, 0:1, h161km, 10km,
n16, c124/24, mb3.7/3, 3C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DAV, DAV, GSPH, KCP, KCP, CDOP, BIFP, BIFP, BUKP, BUKP, CTBH, CTBH, WRA.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR, STKA, SONM, MKAR, ZALV, KURBB, ARCES, TORD.

TEH 09 00:41:1.1, 2.27:32N, 55:51E, h12km, 31km, ML2.7
OMAN 09 00:41:15.9, 2.2, 26:51N, 55:27E, h20km, 15km, ml2.3/8,
Error ellipse: s-maj=17.1km s-min=7.7km az=170.0
ISC 09 00:41:09.6, 1.3, 26:94N, 0:04, 55:39E, 0:05, h21km, 5km,
n21, c19/30, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GENO, SHME, SHME, IABN, LAR1, BANOM, MASF, MASF, MDH, MDH, LIQSS, HATO, ASUD, ASHO, JASK, JASK, JASK, KBAM, KHGB, UMZA, UMZA, IMEH, IBAF, IRAM, MHTO, WHFO, WHFO.

ISC 09 00:51:24.1, 1.3, 54:56S, 133:30W, h0km, mb3.8/3,
mbtmp3.8/3, Error ellipse: s-maj=452.3km
s-min=33.6km az=168.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, LPAZ, AP01, ASAR, WRA, MKAR, MKAR.

VAO 09 00:51:48.3, 0.8, 15:46S, 171:73W, h10km, mb4.3
ISC 09 00:51:51.4, 2.0, 15:32S, 171:27W, h43km, 21km, mb3.6/5,
mbtmp3.8/10, ML3.5/5, MS3.4/6, Error ellipse:
s-maj=24.4km s-min=15.7km az=57.0
ISC 09 00:51:51.3, 0.7, 15:27S, 170:06, 71:38W, 0:08, h35km, n30,
c2:05/26, mb4.0/5, 1C-1D, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB18, AP01, AP01, LPAZ, LPAZ, LPB12, NNA, NNA, ETMB, CZSB, LVC, LVC, LVC, SIV, SIV, ATAH, ATAH, VILB, TBGT, MURV, SALV, MACA, MACA, CPUP, SNOB, SDV, PLCA.

9d 2W

2017 MAR

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like H11S3 WAKE ISLAND, H11S2 WAKE ISLAND, CLRS Cowichan Lake, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like SAO San Andreas Ge, SAO San Andreas Ge, ULN Ulanbaatar, etc.

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

MK31	Makanchi Array	44.44 296	i	P	P	02 58 29.1	-1.7
MKAR	Makanchi Array	44.44 296	i	P	P	02 58 29.3	-1.5
MKAR	comp-Z,6.5nm,0.9s,baz=71,slow=8.4,SNR=39						
MKAR	comp-Z,6.5nm,0.7s,baz=61,slow=4.0,SNR=12						
MKAR	comp-Z,1.2nm,0.7s,baz=46,slow=4.2,SNR=5.7						
MKAR	comp-Z,124nm,21.1s,baz=148,slow=36						
MKAR	Makanchi Array	44.44 296	i	P	P	02 58 29.9	-1.0
MKAR	Makanchi Array	44.44 296	i	P	P	02 58 29.7	-1.1
MKAR	comp-Z,7.0nm,0.9s						
TNCH	TengChong	44.49 260	P	P	P	02 58 32.4	+0.7
TNCH			pP	pP	pP	02 59 01.3	-1.9
TNCH			PP	PP	PP	03 00 21.0	+2.7
TNCH			S	S	S	03 04 55.5	-0.7
TNCH			SS	SS	SS	03 05 50.4	-1.9
TNCH			SS	SS	SS	03 08 11.8	-2.9
TNCH	comp-Z,5.8nm,1.3s						
TNCH	comp-Z,170nm,4.1s						
MAKZ	Makanchi	44.63 297	P	P	P	02 58 32.1	-0.2
MAKZ	Makanchi	44.63 297	P	P	P	02 58 32.1	-0.2
MAKZ	comp-Z,8.0nm,1.0s						
INK	Inuvik	44.67 31	P	P	P	02 58 32.4	+0.1
INK	comp-Z,4.6nm,0.3s,baz=300,slow=9.5,SNR=128						
INK	comp-Z,7.9nm,1.1s,baz=262,slow=9.4,SNR=2.6						
INK	comp-Z,4.6nm,0.3s						
HYT	Haines Junctio	44.68 42	P	I	I	02 58 35.1	+2.5
HYT	comp-Z,2.7nm,1.4s						
KURK	Kurchatov	45.19 303	P	I	I	02 58 35.4	-1.2
KURK	comp-Z,9.7nm,0.9s						
KURK	Kurchatov	45.19 303	P	I	I	02 58 35.4	-1.2
KURK	comp-Z,10.0nm,1.0s						
KURK	Kurchatov	45.19 303	P	I	I	02 58 34.8	-1.9
KURB	Kurchatov	45.27 303	P	I	I	02 58 35.7	-1.6
KURB	comp-Z,6.5nm,0.8s,baz=68,slow=8.5,SNR=23						
KURBB	comp-Z,4.3nm,0.8s,baz=70,slow=8.2,SNR=2.9						
KURBB	comp-Z,7.3nm,0.7s,baz=71,slow=3.3,SNR=11						
KURBB	comp-Z,1.2nm,0.3s,baz=71,slow=3.4,SNR=9.2						
CRAI	Chiangrai	46.42 253	P	I	I	02 58 40.7	+0.3
A36M	Sachs Harbour	46.62 25	I	I	I	02 58 48.7	
P33M	Teslin, Yukon	47.08 42	P	P	P	02 58 52.9	+1.5
TDK	Taldyqorghan	47.65 296	eP	P	P	02 58 55.4	-0.6
TDK	Taldyqorghan	47.65 296	eP	P	P	02 58 55.4	-0.6
SHLS	Shalkode	47.81 293	eP	P	P	02 58 54.5	-2.9
SHLS	Shalkode	47.81 293	eP	P	P	02 58 54.5	-2.9
UZB	Uzymbulak	48.10 293	eP	P	P	02 58 59.0	-0.7
UZB	Uzymbulak	48.10 293	eP	P	P	02 58 59.0	-0.7
KPKS	Kokpek	48.17 294	eP	P	P	02 58 59.6	-0.5
KPKS	Kokpek	48.17 294	eP	P	P	02 58 59.6	-0.5
SPATY	Saty	48.54 294	iP	P	P	02 59 02.8	-0.2
CMAR	Chiang Mai Arr	48.62 253	P	P	P	02 59 03.6	-0.1
CMAR	comp-Z,1.1nm,0.9s,baz=25,slow=1.2,SNR=12						
CMAR	comp-Z,3.2nm,0.5s,baz=24,slow=1.1,SNR=2.1						
CMAR	comp-Z,3.0nm,0.7s,baz=16,slow=1.0,SNR=21						
CMAR	comp-Z,39nm,19.6s,baz=95,slow=36						
CMAR	comp-Z,1.1nm,0.9s						
CMAR	Chiang Mai Arr	48.62 253	P	P	P	02 59 03.9	+0.2
CMAR	Chiang Mai Arr	48.62 253	P	P	P	02 59 04.5	+1.7
SHL	Shillong	48.80 266	P	P	P	02 59 05.0	-0.2
BRZS	Berezni	48.97 304	eP	P	P	02 59 06.1	+0.1
BRZS	Berezni	48.97 304	eP	P	P	02 59 06.1	+0.1
BVAR	Borovoye	49.04 309	P	I	I	02 59 06.1	+0.1
BVAR	Borovoye	49.04 309	P	I	I	02 59 04.8	-1.4
BVAR	comp-Z,2.2nm,0.7s,baz=62,slow=7.2,SNR=2.2						
BVAR	comp-Z,6.8nm,0.4s,baz=78,slow=3.4,SNR=18						
BVAR	comp-Z,2.2nm,0.9s,baz=56,slow=9.1,SNR=5.5						
BVAR	comp-Z,55nm,20.3s,baz=56,slow=36						
BRVK	Borovoye	49.04 309	P	I	I	02 59 05.5	-1.0
BRVK	comp-Z,1.4nm,1.2s						
BRVK	Borovoye	49.04 309	P	I	I	02 59 05.5	-1.0
BRVK	comp-Z,1.4nm,1.3s						
BRVK	Borovoye	49.04 309	P	I	I	02 59 05.1	-1.4
BRVK	Borovoye	49.04 309	P	I	I	02 59 05.5	-1.0
CHKK	Chushkaly	49.08 295	eP	P	P	02 59 05.9	-1.1
CHKK	Chushkaly	49.08 295	eP	P	P	02 59 05.8	-1.1
MDOK	Medeo	49.37 294	eP	P	P	02 59 08.7	-0.6
MDOK	Medeo	49.37 294	eP	P	P	02 59 08.7	-0.6
KUU	Kurty	49.48 295	eP	P	P	02 59 08.6	-0.7
KUU	Kurty	49.48 295	eP	P	P	02 59 08.6	-0.7
KUU	Kurty	49.48 295	eP	P	P	02 59 08.6	-1.3
TARG	Targay, Kyrgy	49.57 292	I	I	I	02 59 08.6	-1.3
TARG	comp-Z,14nm,1.1s						
MRSI	Marisa	50.30 215	P	P	P	02 59 16.9	+0.5
BTLS	Baital	50.38 298	eP	P	P	02 59 16.3	-0.4
BTLS	Baital	50.38 298	eP	P	P	02 59 16.3	-0.4
TKM2	Tokmak 2	50.42 295	P	P	P	02 59 17.7	+0.4
SGDS	Sogindy	50.77 296	iP	P	P	02 59 19.3	-0.6
SGDS	Sogindy	50.77 296	iP	P	P	02 59 19.2	-0.6
USP	Ospenovka	50.95 296	P	P	P	02 59 21.4	+0.3
KBK	Karagaybulak	50.96 295	P	P	P	02 59 21.9	+0.6
AAK	Ala-Archa	51.26 295	P	P	P	02 59 23.5	0.0
AAK	Ala-Archa	51.26 295	P	P	P	02 59 22.7	-0.8
AAK	Ala-Archa	51.26 295	P	P	P	02 59 22.7	-0.8
AAK	Ala-Archa	51.26 295	P	P	P	03 00 37.5	+0.9
AAK	Ala-Archa	51.26 295	P	P	P	02 59 23.6	0.0
AAK	Ala-Archa	51.26 295	P	P	P	02 59 23.6	0.0
AAK	Ala-Archa	51.26 295	P	P	P	02 59 23.0	+0.2
AAK	Ala-Archa	51.26 295	P	P	P	02 59 23.8	+0.2
AAK	Ala-Archa	51.26 295	P	P	P	02 59 23.5	0.0
KSH	Kashi	51.89 291	P	S	S	02 59 32.2	+0.4
KSH	Kashi	51.89 291	P	S	S	03 00 18.2	+2.1
KSH	Kashi	51.89 291	P	S	S	02 59 32.2	+0.4
AML	Almayashu	52.03 295	P	P	P	02 59 30.2	+0.7
DZA	Taraz	53.14 297	eP	P	P	02 59 37.0	-0.3
DZA	Taraz	53.14 297	eP	P	P	02 59 37.0	-0.3
RZS	Resolute Bay	53.23 17	P	P	P	02 59 36.0	-1.3
RES	comp-Z,2.5nm,0.3s,baz=317,slow=8.6,SNR=11						
RES	comp-Z,4.8nm,0.8s,baz=335,slow=4.4,SNR=5.3						

RES	comp-Z,1.0nm,0.3s,baz=157,slow=0.1,SNR=7.9						
RES	comp-Z,4.6nm,18.0s,baz=38,slow=40						
KK31	Karatay Array	53.55 297	I	I	I	02 59 41.8	
KKAR	Karatay Array	53.55 297	I	I	I	02 59 41.8	
ARU	Arti	53.62 316	LR	LR	LR	03 23 04.3	
ARU	Arti	53.62 316	P	I	I	02 59 41.0	+0.5
ARU	Arti	53.62 316	P	I	I	02 59 42.3	
ARU	Arti	53.62 316	d	P	P	02 59 38.3	-2.2
ARU	Arti	53.62 316	d	P	P	03 00 13.0	+0.1
ARU	Arti	53.62 316	d	P	P	03 00 41.4	
ARU	Arti	53.62 316	d	P	P	03 06 59.7	-2.8
ARU	Arti	53.62 316	d	P	P	03 10 38.4	-0.8
YKA	Yellowknife Arr	54.09 35	P	P	P	02 59 44.5	+0.7
YKA	Chimkent	54.29 35	P	P	P	03 00 18.2	-1.4
YKA	comp-Z,2.0nm,0.6s,baz=298,slow=6.8,SNR=4.7						
YKA	comp-Z,1.5nm,1.0s,baz=307,slow=4.5,SNR=2.2						
YKA	comp-Z,0.6nm,0.8s,baz=299,slow=4.2,SNR=6.1						
YKA	Yellowknife Arr	54.09 35	P	P	P	02 59 45.0	+1.2
YKA	YUG	54.25 296	eP	P	P	03 00 16.5	0.0
IUG	Iuzhny	54.35 296	eP	P	P	02 59 46.3	+0.2
IUG	Iuzhny	54.35 296	eP	P	P	02 59 46.3	+0.2
CHM	Chimkent	54.53 297	eP	P	P	02 59 47.1	-0.2
CHM	Chimkent	54.53 297	eP	P	P	02 59 47.1	-0.2
SPSI	Sidrap Palu	55.22 215	P	P	P	02 59 54.9	+2.4
HNR	Honiara	55.59 166	LR	LR	LR	03 21 32.5	
TULEG	Thule	56.12 10	iP	P	P	02 59 49.8	-8.4
TULEG	comp-Z,7.5nm,0.5s						
KAPI	Kappang	56.18 215	P	I	I	03 00 00.8	+1.5
AKBAR	Akbulak array	56.57 300	I	I	I	03 00 03.6	
KIRV	Kirov	56.73 322	iP	P	P	03 00 03.4	+0.7
CHGR	Chuyangarr	56.81 293	P	P	P	03 00 03.6	-0.2
CHGR	comp-Z,122nm,1.0s						
NEEM	North Greenlan	56.88 5	iP	P	P	03 00 01.3	-2.6
NIL	Nilore	56.96 286	P	P	P	03 00 05.0	+0.2
NIL	Nilore	56.96 286	P	P	P	03 00 05.0	+0.2
NIL	comp-Z,99nm,1.1s						
NIL	Nilore	56.96 286	P	P	P	03 00 05.8	+1.0
AKTO	Aktyubinsk	56.98 310	P	P	P	03 00 03.4	-1.3
AKTO	comp-Z,2.0nm,0.5s,baz=77,slow=5.0,SNR=12						
AKTO	comp-Z,4.0nm,0.7s,baz=52,slow=19,SNR=5.9						
AKTO	comp-Z,9.1nm,18.2s,baz=76,slow=38						
BRDLA	Berland Lookou	57.29 44	P	P	P	03 00 08.3	+1.4
BRDLA	comp-Z,1.0nm,0.5s						
PBA	Port Blair	57.64 253	iP	P	P	03 00 11.0	+1.4
DAG	Danmarks Havn	57.84 356	iP	P	P	03 00 07.3	-2.9
DAG	comp-Z,1.1nm,0.9s						
ARCES	ARCES Array B	57.96 340	P	P	P	03 00 08.6	-2.6
ARCES	comp-Z,5.0nm,0.9s,baz=57,slow=7.8,SNR=10						
ARCES	comp-Z,1.9nm,0.5s,baz=56,slow=5.6,SNR=6.9						
ARCES	comp-Z,5.1nm,19.8s,baz=62,slow=39						
KULLO	Kullorsuaq	59.14 8	iP	I	I	03 00 12.2	-7.0
KULLO	comp-Z,9.4nm,0.5s						
JETT	Jettan, Norway	59.16 341	eP	P	P	03 00 17.8	-1.7
COEN	Coen	59.21 196	eP	P	P	03 00 21.5	+1.1
KLMM	Klimovskoe	59.42 327	eP	P	P	03 00 18.1	-3.3
KLMM	comp-Z,2.5nm,1.3s						
KLMM	Klimovskoe	59.42 327	eP	P	P	03 00 57.0	-1.8
KLMM	Klimovskoe	59.42 327	eP	P	P	03 01 06.4	-1.2
KLMM	Klimovskoe	59.42 327	eP	P	P	03 00 18.1	-3.3
KLMM	Klimovskoe	59.42 327	eP	P	P	03 00 57.0	-1.8
KLMM	Klimovskoe	59.42 327	eP	P	P	03 01 06.4	-1.2
MTN	Manton Dam	59.93 199	P	P	P	03 00 25.0	-0.4
PPBI	Pangkal Pinang	60.17 230	P	P	P	03 00 28.3	+1.2
PSI	Prapat	60.33 240	P	P	P	03 00 28.3	-0.1
RPSI	Rantau Prapat	60.41 240	P	I	I	03 00 28.3	-0.5
RPSI	comp-Z,12nm,1.0s						
UPNV	Upernavik	60.95 8	iP	I	I	03 00 29.0	-2.6
UPNV	comp-Z,6.7nm,0.6s						
PINE	Pine Mountain	61.29 56	I	I	I	03 00 38.1	
STEI	Steigen	61.60 342	eP	P	P	03 00 34.2	-1.9
SDEI	Sungai Dareh	61.81 236	P	P	P	03 00 38.7	+0.6

9d 2h

Table with columns: KBZ, comp=Z, 19nm, 0.9s, pmax, pmax, 03 01 25.3 -0.1, 03 01 24.7 -1.7, etc. Lists various stations and their parameters.

2017 MAR

Table with columns: CFR Carcaliu, 75.37 321, P, 03 02 01.8 -0.1, etc. Lists various stations and their parameters.

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Table with columns: PRED Cave del Predi, 80.17 330, P, 03 02 28.2 -0.4, etc. Lists various stations and their parameters.

NOU 09 02:50:47.0, 41:29S:172:76E, h144km, MLv3.8/8, South Island, New Zealand, WEL 09 02:50:49.3, 0.9, 41:17S:172:76E, h119km, 6km, M2.9/7, MLv2.9/7, Error ellipse: s-maj=0.0km s-min=0.0km az=141.2, confirmed, ISC 09 02:50:46.5, 1.5, 41:32S:0:04x172:75E:0:05, h148km, 8km, 179, +09:93/88, South Island

9d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Zaragoza, Cauc, Puerto Berrio, Macapao, El Baul.

IDC 09 03:16:48.8:1.4,2:62S:139:20E, h0km, mb3.8/6, mbmp3.6/7, ML3.6/1, Error ellipse: s-maj=69.4km

ISC 09 03:16:54.4:1.1,2:7S:0:1:139:1E:0.4, h37km, n7, c0f98/7, mb3.8/6, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Songino Array, Makanchi Array, Zalesovo Beam, Vanda, Eilsen Array.

IDC 09 03:25:08.9:3.6,31:29N:140:92E, h0km, mb3.4/4, mbmp3.3/6, ML2.7/2, MS3.2/1, Error ellipse: s-maj=141.8km

ISC 09 03:25:13.3:2.2,3:13N:0:2:141:35E:0.4, h50km, n6, c138/7, mb3.4/4, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hachijo jima 2, Matsushiro Arr, Songino Array, Makanchi Array, Warramunga Arr, Alice Springs.

KRNET 09 03:42:03.5:0.1,41:80N:71:71E, h26km, mb2.0, SOME 09 03:42:04.2, 41:77N:71:80E, h19km

NNC 09 03:42:05.0:3.5,41:77N:71:72E, h11km, 46km, mb2.7, mpv2.5, Error ellipse: s-maj=39.4km

ISC 09 03:42:04.5:1.0,41:79N:0:05:71:74E:0:03, h11km, 8km, n18, c0f65/34, 15C-8D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Arkit, Terek-Say, Manas, luzhnay, Merke, Karatay Array, Erkin-Say, Aral, Uchtor, Oспенovka, Karagaybulak, Sogindy, Tokmak 2, Karabastau.

ROM 09 03:50:20.7:0.1,39:03N:0:005:15:45E:0:008, h19km, 1km, ML3.5/32, Error ellipse: s-maj=0.8km

ISC 09 03:50:20.8:1.1,39:02N:0:02:15:46E:0:03, h17km, 9km,

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Stromboli F, Stromboli Gino, CAROLEI, Flicucidi I Eol, Celeste, Terranova Siba, Placanca, Mormanno, Alicudi, Castrocucco, Muro Lucano, Novara, Timpagrande, Samo, Antillo, Ucria, Morigerati.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pietrapaola, Monte Sirino, Monteciano sull, Monte Spagnolo, San Nicola del Pizzo Felice, Campora, Monticello, Viggiano (PZ), Sala Consilina, Pollina, Civita di Ruta, Gagliano Castellano, Castelbuono, Resuttano, Matera, Laterza, S. Angelo Dei Vizzini, Raffo Rosso, Carife, Corleone, Taranto, Altamura, Minervino Murg, Modica, Noci.

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

NNC 09:04:08:18.3:2.9, 37:20N:71:06E, h0km, mb3.6, mpv3.3, 2C-1D, Error ellipse: s-maj=26.1km s-min=22.9km

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

MDD 09:04:13:12.0:0.6, 38:26N:11:92W, h0km, Mb4.2/27, M_mb3.6/27, Error ellipse: s-maj=4.4km s-min=3.3km

CNRM 09:04:13:13.7:37:60N:11:97W, h30km, IGL 09:04:13:13.7:38:30N:11:97W, h14km, ML3.0

LDG 09:04:13:13.0:0.2, 38:32N:12:06W, h10km, M3.2/3, Error ellipse: s-maj=3.9km s-min=2.8km az=72.0

INMG 09:04:13:14.1:1.3, 38:26N:12:34W, h19km, ML2.9, Error ellipse: s-maj=5.4km s-min=3.1km az=86.0

ISC 09:04:13:07.1:2.5, 38:31N:0:05:12.2W:0:1, h10km, n93, z=59/152, 26C, Azores-Cape St. Vincent Ridge

Main table of station data for the left column, including stations like MAFRA, PTEO, PNCL, PSBE, etc.

Main table of station data for the middle column, including stations like Badajoz, Viseu, Manteigas, etc.

Table of station data for the top right column, including stations like Tazzarine, Mosqueruela, etc.

IDC 09:04:25:13.5:263.0, 39:90N:15:59W, h0km, Error ellipse: s-maj=185.3km s-min=101.3km az=108.0, North Atlantic Ocean

Table of station data for the middle right column, including stations like FREYUNG, MAIO, etc.

TIR 09:04:25:34.7, 40:09N:19:77E, h0km, 1km, Md2.7, Ml2.0, ATH 09:04:25:35.5, 40:21N:19:77E, h6km, 4km, ML1.8/3, Error ellipse: s-maj=4.5km s-min=1.3km az=205.0

ISC 09:04:25:35.8:1.2, 40:15N:0:03:19.78E:0:03, h3km, 12km, n18, z=195/229, Albania

Main table of station data for the right column, including stations like SRN, KASA, KEK, etc.

IDC 09:04:57:43.0:1.6, 2:69S:139:20E, h0km, mb3.8/5, mbmp3.8/6, ML4.0/1, MS3.8/4, Error ellipse: s-maj=57.2km s-min=24.8km az=88.0

NEIC 09:04:57:51.1:1.2, 2:85S:0:1:138:9E:0:1, h47km, 8km, mb4.2/12, Error ellipse: s-maj=18.5km s-min=15.6km

ISC 09:04:57:49.5:0.7, 2:71S:0:08:138:9E:0:1, h37km, n31, z=56.0, #893/27, mb4.1/8, MS3.8/4, Marian Jarray

Main table of station data for the bottom right column, including stations like FAKI, COEN, etc.

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

IDC 09 05:00:40.9.1.3, 3.28S, 143.95E, h0km, mb3.5/5, mbtmp3.6/7, ML3.9/1, MS3.4/6, Error ellipse: s-maj=50.6km s-min=22.9km az=91.0

NEIC 09 05:00:50.0.0.9, 3.9S:0.1x144.1E:0.2, h34km, 4km, mb4.1/13, Error ellipse: s-maj=23.1km s-min=14.6km az=78.0

ISC 09 05:00:46.5.0.9, 3.32S:0.10.144.0E:0.1, h35km, n28, c152.20, mb3.6/8, MS3.2/4, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 09 05:12:25.19.6.2, 6.26S, 139.07E, h0km, mb3.1/2, mbtmp3.2/3, ML4.6/1, Error ellipse: s-maj=397.4km s-min=33.7km az=86.0, Near north coast of Irian Jaya

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

IDC 09 05:30:36.9.3.7, 2.98S, 137.47E, h0km, mb3.4/2, mbtmp3.5/3, ML3.5/1, MS3.2/1, Error ellipse: s-maj=146.22km s-min=22.5km az=87.0, Irian Jaya

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

ROM 09 05:34:52.3.0.0, 43.013N:0.002-13.040E:0.003, h10km, ML1.5/10, 3C-6D, Error ellipse: s-maj=0.2km s-min=0.2km az=339.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like T1219 Muccia, Frazio, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like T1220, T1219, T1218, etc.

ROM 09 05:35:16.9.0.2, 42.786N:0.004-13.126E:0.005, h9km, 11km, ML1.4/2, 2C-1D, Error ellipse: s-maj=8.4km s-min=0.3km az=341.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like T1214, T1213, T1212, etc.

IDC 09 05:46:45.4.31.0, 25.36N:94.97E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=518.3km s-min=84.4km az=2.0, Myanmar-India border region

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

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

IDC 09 06:18:41.2.2.8, 36.19N:71.44E, h83km, 24km, mb3.8/19, mbtmp4.2/25, Error ellipse: s-maj=18.3km s-min=13.5km az=174.0

MOS 09 06:18:41.8.1.2, 36.34N:71.38E, h90km, mb4.4/24, Error ellipse: s-maj=7.9km s-min=4.7km az=91.1

BUI 09 06:18:43.3.0.0, 36.56N:71.33E, h99km, mb4.6/22, mb4.4/12

NEIC 09 06:18:45.3.1.5, 36.42N:0.05:71.33E:0.09, h113km, 2km, mb4.4/27, Error ellipse: s-maj=10.3km s-min=7.1km az=74.0

NNC 09 06:18:46.6.1.6, 36.65N:71.05E, h124km, 25km, mb3.6, mp4.2, Error ellipse: s-maj=14.3km s-min=10.1km az=169.0

ISC 09 06:18:44.3.0.4, 36.37N:0.004:71.34E:0.04, h114km, n189, c254.1/20, mb4.3/40, 18C-6D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CEP Cherat, KBL Kabul, etc.

MGZ McQueen's Vall 1.47 206 P Pn 09 27 23.7 -3.1
QRZ Quartz Range 1.74 334 P Pn 09 27 31.2 +0.7

ROM 09 09:42:23.1±0.1, 43.069N, 0°00'4.13.068E, 0°00'6, h10km, ML1.3/4, 1C-4D, Error ellipse: s-maj=0.5km s-min=0.4km az=110.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Camerino, Fraz, Muccia, Cessapalombo, Monte Cornacci, etc.

ROM 09 09:43:21.8±0.1, 42.801N, 0°00'5.13.183E, 0°00'7, h12km, ML0.5/4, 1C-4D, Error ellipse: s-maj=0.6km s-min=0.3km az=304.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Arquata del Tr, Cascia, Frazio, etc.

ROM 09 09:43:51.2±0.2, 42.800N, 0°01.13.23E, 0°02, h10km, ML0.7/3, 1C-1D, Error ellipse: s-maj=1.7km s-min=0.4km az=134.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Arquata del Tr, Cascia, Frazio, etc.

IDC 09 09:45:30.0±1.4, 7°8'S, 122°48'E, h0km, mb3.8/4, mbtmp3.7/7, ML3.4/3, Error ellipse: s-maj=115.7km s-min=23.2km az=54.0

DJA 09 09:45:32.1±0.3, 8°S, 4°12'2E, h10km, M4.0/7, mb4.4/1, MLv3.7/7

ISC 09 09:45:34.9±0.7, 8.205N, 0°06.121.93E, 0°08, h35km, n22, 153/24, mb3.9/4, Flores region

MMRI Maumere 0.53 145 P Pn 09 45 44.1 -1.9

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Maumere, Baing, Sumba, etc.

IDC 09 09:49:56.7±2.5, 54.26N, 86°15'E, h0km, mbtmp3.3/2, ML3.0/2, Error ellipse: s-maj=19.7km s-min=11.8km

NNC 09 09:49:53.2±1.0, 54.39N, 86°26'E, h0km, mb3.3, mpv2.5, 3C-2D, Error ellipse: s-maj=13.5km s-min=6.2km az=161.0, Suspected Mining explosion., Southwestern Siberia

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

WEL 09 09:51:23.6±0.7, 42°S, 137°4E, h5km, ML1.8/1, ML2.0/4, MLv1.8/1, Error ellipse: s-maj=0.0km s-min=0.0km az=94.2, confirmed, South Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kahutara, Cape Campbell, etc.

ROM 09 09:57:28.0±0.1, 42.786N, 0°00'2.13.089E, 0°00'3, h9km, ML0.6/5, 1C-4D, Error ellipse: s-maj=0.2km s-min=0.1km az=59.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Cascia, Frazio, Arquata del Tr, etc.

ROM 09 09:57:41.4±0.0, 42.819N, 0°00'3.13.081E, 0°00'4, h10km, ML1.4/9, 4C-3D, Error ellipse: s-maj=0.3km s-min=0.3km az=148.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Cascia, Frazio, Monte Cornacci, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like T1212, T1216, T1218, etc.

ROM 09 10:03:46.2±0.1, 42.802N, 0°00'3.12.760E, 0°00'4, h9km, ML1.4/5, 1C-3D, Error ellipse: s-maj=0.3km s-min=0.2km az=267.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Vallo di Nera, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Lake Benmore, Fox Glacier, Rata Peaks, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like NWAOW Narrogin (SRO), KLBRR Kellerberrin, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like PMG Port Moresby, HNR Honiara, etc.

9d 11h

Table with columns for station name, frequency, power, and coordinates. Includes stations like MDSI, HOPE, EFI, Palk, NONG, etc.

2017 MAR

Table with columns for station name, frequency, power, and coordinates. Includes stations like QIZ, Palk, NONG, etc.

492

Table with columns for station name, frequency, power, and coordinates. Includes stations like LPAZ, CD2, KSRs, etc.

2017 MAR

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like MS7A, LOT, OBN, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like KRLO, PKME, APA, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like CLL, CLL, SSB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Poggio Pratacc, Bagnoles, Castellina Chi, Monte Civitelli, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Pellescritta, Arquata del Tr, Castel Sant'An, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kahutara, Tophouse, Tuamarina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kahutara, Greta Valley S, Blackbirch Sta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Vanda, Cape Leeuwin H, Cape Leeuwin H, etc.

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

ROM 09 11:43:19.8:0.1,42.618N:0.003:13.353E:0.005, h8km,ML1.8/14,1C-1D,Error ellipse: s-maj=0.4km s-min=0.1km az=245.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SAN MARTINO, Campotosto, Pellescritta, Arquata del Tr, Civita (PG), etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Pellescritta, Arquata del Tr, Castel Sant'An, Roccafluvione, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kahutara, Tophouse, Tuamarina, Greta Valley S, etc.

ROM 09 11:43:49.9:0.2,42.883N:0.004:13.081E:0.004, h10km,ML0.9/4,3C-1D,Error ellipse: s-maj=0.5km s-min=0.0km az=342.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Preci, Frazion, Monte Feme, Castelsantange, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Vallo di Nera, Montecomano, Muccia, Frazio, etc.

IDC 09 11:53:22.6:1.5,5.35N:124.39E,h0km,mb3.3/3, mbtmp3.4/4,ML4.0/1,Error ellipse: s-maj=52.9km s-min=25.1km az=82.0, MAN 09 11:53:33.5:5.91N:126.20E,h113km,mb4.1,ML2.9,MS2.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like General Santos, Davao City (W), Kidapawan, Cateel, Davao, etc.

IDC 09 12:08:47.8:1.7,3.41S:130.76E,h0km,mb3.2/2, mbtmp3.3/4,ML2.9/2,Error ellipse: s-maj=88.3km s-min=25.7km az=83.0, Seram

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Alice Springs, Makanchi Array, etc.

IDC 09 12:11:21.2:0.7,7.46S:147.15E,h0km,mb4.2/13, mbtmp4.2/16,ML4.0/3,Error ellipse: s-maj=25.6km s-min=13.8km az=96.0, DJA 09 12:11:25.2:2.8,8.5:7.147E,h22km,ML4.4/12, mb5.5/1,mb4.4/12,MLv4.5/3,Mw(mB)4.9/1, NEIC 09 12:11:26.2:1.5,7.58S:147.0E:0.1,h38km,mb4.2/10,Error ellipse: s-maj=19.7km s-min=2.6km az=82.0

IDC 09 12:11:26.1:0.5,7.54S:147.00E:0.09,h32km,n57, s=163/59,mb4.4/14,Easter New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Port Moresby, Keravat, Rabaul, etc.

FINES FINES Array B 145.36 340 PKP PKIKP 13 02 32.2 -0.6
2.7m, 0.9s, baz=69, slow=4, SNR=9.5
AKASG Main Array Be 151.65 323 PKPbc PKPab 13 02 52.1 -2.4
0.9m, 0.6s, baz=48, slow=1.8, SNR=4.5

JMA 09 12:43:02.7-0.6, 30°N, 143°E, h521km, MV3.6/17, SHIKOKU BASIN
IDC 09 12:43:03.5-1.1, 30°39'N-137°61'E, h452km, 29km, mb3.0/5,
mbmp3.9/10, Error ellipse: s-maj=35.3km s-min=15.3km
az=66.0

ISC 09 12:43:05.9-0.9, 30.54N, 0.009, 137.7E, 0.1, h496km, n22,
a136/26, mb3.6/5, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HJH, JHU, T101, JTN, etc.

ROM 09 12:51:14.7-0.1, 42.465N, 0.005, 13.332E, 0.007,
h13km, ML1.6/6, Error ellipse: s-maj=0.6km
s-min=0.4km az=19.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1247, RM33, AQU, etc.

ROM 09 12:52:14.1-0.1, 42.451N, 0.005, 13.334E, 0.006,
h13km, ML1.2/4, Error ellipse: s-maj=0.5km
s-min=0.4km az=14.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1247, T1247, T1247, etc.

IDC 09 13:01:19.4-0.9, 54°33'S, 31°94'W, h0km, mb4.1/8,
mbmp4.1/8, Error ellipse: s-maj=34.0km s-min=20.1km

az=53.0
NEIC 09 13:01:21.9-2.1, 55°35'S, 0°13'32"W, 0.2, h10km, 2km,
mb4.5/12, Error ellipse: s-maj=28.0km s-min=14.4km
az=32.0

ISC 09 13:01:20.8-0.8, 55.51S, 0.1x32.3W, 0.1, h10km, n27,
a124/25, mb4.3/11, South Georgia Island region

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

IDC 09 13:03:03.1-1.1, 21°80'N, 157°10'W, h0km, mb3.8/9,
mbmp3.8/9, MS4.6/1, Error ellipse: s-maj=43.4km
s-min=20.8km az=147.0

NEIC 09 13:03:13.2-3.2, 21°81'N, 0°05'156"W, 0.04, h10km, 4km,
mb4.2/9, ML4.6/56, ML4.7/52(HVO), Error ellipse:
s-maj=8.1km s-min=3.7km az=209.0

HVO 09 13:03:39.1-1.3, 21°75'N, 0°08'156"W, 0.05, h32km, 6km,
Error ellipse: s-maj=11.9km s-min=4.2km az=204.0

ISC 09 13:03:34.1-2.3, 21°65'N, 0°06'156"W, 0.04,
h11km, 14km, n77, a186/074, mb4.1/16, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHLH, DHH, OPA, etc.

KHU comp=E,2um,0.6s 2.67 146 Pn Pn 13 04 17.6 +0.3
UWE Uwekahuna B 2.68 146 Pn Pn 13 04 17.8 +0.5
OBI Observatory Le 2.68 146 Pn Pn 13 04 17.8 +0.2
SBLH Steaming Bluff 2.68 145 Pn Pn 13 04 17.7 +0.6
SBLHI comp=N,2um,0.3s IAML IAML 13 04 49.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBLHI, NPH, HATHI, etc.

ISK 09 13:14:22.9, 39°55'N, 26°06'E, h11km, ML3.2/20
ATH 09 13:14:24.0, 39°54'N, 26°05'E, h8km, 2km, ML2.8/7, Error
ellipse: s-maj=2.6km s-min=0.9km az=237.0

THE 09 13:14:23.3, 39°55'N, 26°04'E, h7km, 1km, ML2.9/8, Error
ellipse: s-maj=1.8km s-min=0.8km az=243.0

DDA 09 13:14:23.4, 0.0, 39°54'N, 26°05'E, h7km, 2km, ML3.0
ISC 09 13:14:23.5, 0.0, 39°55'N, 0°01'26.06E, 0.02, h12km, 6km,
n58, c041/91, Turkey

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

9d 13h

ECEA	comp=E,772nm,0.2s	i	AML	AML	13 14 41.0
ECEA	comp=E,1µm,0.3s	S			
COMU	Canakkale	0.64	30	Pg	Sb
COMU	Canakkale			Sg	Sb
GOKA	anakkale-Gk	0.65	350	P	Pg
GOKA				S	Sg
GOKA	comp=E,577nm,0.2s	i	AML	AML	13 14 49.0
GOKA	comp=E,553nm,0.6s	i	AML	AML	13 14 52.0
GADA	Gvkgeada	0.66	349	Pg	Pg
LIA	Limnos Island	0.76	298	P	Sg
LIA	comp=E,2µm,0.4s	P			
LIA	Limnos Island	0.76	298	P	Pg
LIA				S	AML
LIA	comp=E,5849µm,0.5s	i	AML	AML	13 14 50.8
LIA	comp=N,3940µm,0.3s	i	AML	AML	13 14 51.6
BUHA	Balikesir, Bur	0.79	93	P	Pg
BUHA				S	Sg
BUHA	comp=N,271nm,0.7s	i	AML	AML	13 14 38.3 -0.4
DKM	Dikili	0.81	126	Pg	Pg
CANL	Can-anakkale	0.89	58	Pg	Pg
GELI	Tayfur-Gelibol	0.91	20	Pg	Pg
KARB	zmir-Karabur	0.92	163	P	Sb
KARB				S	AML
KARB	comp=N,389nm,0.7s	i	AML	AML	13 14 55.0
KARB	comp=N,262nm,0.3s	i	AML	AML	13 14 55.0
ZEDA	zmir-Bergama	0.98	126	P	Pg
ZEDA				S	Sb
ZEDA	comp=N,559nm,0.4s	i	AML	AML	13 14 42.0 -0.4
LPK	Lapseki	0.98	33	Pg	Pg
SMTH	Samothraki Isl	1.01	336	P	Pg
SMTH				S	Sb
SMTH	comp=N,312nm,0.2s	i	AML	AML	13 14 42.6 -0.4
SMTH	comp=N,684µm,0.2s	i	AML	AML	13 14 56.2 +0.1
CAVK	Edirne-Enez-Ca	1.15	4	P	Pg
CAVK				S	Sb
CHOS	Chios island	1.16	180	P	Pg
CHOS	Chios island	1.16	180	P	Pg
ERIK	Erikli-Kesan	1.17	17	Ph	Pb
ENEZ	Enez	1.19	3	Ph	Pb
BALY	Balya	1.22	80	P	Pb
BALY				S	Sg
BALY	comp=E,267nm,0.4s	i	AML	AML	13 15 02.8 0.0
URLA	Izmir	1.26	161	Ph	Pn
URLA	Izmir	1.26	161	P	Pn
URLA				S	Sb
URLA	comp=E,276nm,0.4s	i	AML	AML	13 15 06.0
URLA	comp=E,259nm,0.5s	i	AML	AML	13 15 07.0
KRBG	Karabiga-Canak	1.27	48	Ph	Pn
STEP	BALIKESIR_Sava	1.29	97	Ph	Pn
STEP				S	Sb
KNL	Balikesir	1.34	57	Ph	Pn
KNL				S	Sb
KNL	comp=N,712nm,0.9s	i	AML	AML	13 15 07.0
KNL	comp=N,702nm,0.7s	i	AML	AML	13 15 08.0
GONE	Gonen-Balikesir	1.35	68	Ph	Pn
ALN	Alexandroupoli	1.35	359	P	Pn
ALN				S	Sb
ALN	comp=N,285nm,0.5s	i	AML	AML	13 14 48.0 0.0
ALN	Alexandroupoli	1.35	359	P	Pn
ALN				S	Sb
ALN	comp=N,411µm,0.5s	i	AML	AML	13 14 48.5 +0.4
ALN	comp=N,728µm,0.5s	i	AML	AML	13 15 06.6 +0.7
ALN	comp=N,411µm,0.5s	i	AML	AML	13 15 14.4
KESN	Edirne-Kesan	1.36	20	P	Pg
KESN				S	Sb
KESN	comp=N,466nm,0.3s	i	AML	AML	13 15 07.2 -0.3
KESN	comp=N,305nm,0.5s	i	AML	AML	13 15 10.0
BLCB	Balcova	1.39	146	P	Pn
BLCB				S	Sg
BLCB	Balcova	1.39	146	Ph	Pn
BALB	Balikesir	1.41	86	Pn	Pn
RKY	Sarkoy-Tekirda	1.42	37	Ph	Pn
BKES	Balikesir-Mer	1.45	82	P	Pn
BKES				S	Sg
THAS	Thassos island	1.48	316	P	Pg
AKS	Akhisar	1.52	116	Ph	Pn
EDC	Edincik	1.60	59	Ph	Pn
UKOP	Uzunokpru-Edir	1.64	15	Ph	Pn
RDO	Rodhopi	1.65	346	P	Pn
RDO				S	Sb
RDO	comp=N,62nm,0.3s	i	AML	AML	13 15 13.6 +0.4
RDO	Rodhopi	1.65	346	Ph	Pn
RDO	Rodhopi	1.65	346	P	Pn
RDO				S	Sb
RDO	comp=N,136µm,0.3s	i	AML	AML	13 15 18.6
RDO	comp=N,122µm,0.2s	i	AML	AML	13 15 21.6
KAVA	Kavala	1.87	321	P	Pn
SMG	Samos	1.93	161	P	Pn
SMG				S	Sb
SMG	comp=N,282nm,0.4s	i	AML	AML	13 14 55.2 -0.1
SMG	Samos	1.93	161	P	Pn
SMG				S	Sb
SMG	comp=N,576µm,0.5s	i	AML	AML	13 14 56.6 +0.5
SMG	comp=N,545µm,0.4s	i	AML	AML	13 15 28.4
KOKK	Kokkinochori,	2.03	309	P	Pn
KOKK				S	Sb

DDA 09 13:16:21.4-0.0,39:55N:26:10E,h11km,ML2.6
 ISK 09 13:16:21.0,39:55N:26:08E,h7km,ML2.9/20
 THE 09 13:16:21.4,39:55N:26:06E,h8km,1km,ML2.4/8,Error
 ellipse: s-maj=1.4km s-min=0.6km az=230.0
 ISC 09 13:16:21.5-0.6,39:55N:02:26.08E:0.02,h11km,5km,
 ns2,of=49/87,Turkey

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
KOCA	Canakkale, Ayy	0.07	138	P	Pg
KOCA				S	Sg
GNPR	Gulpinar-Canak	0.10	157	Pg	Pg
GNPR				S	Sg
BOZC	Bozcaada	0.20	356	Pg	Pg
BOZC				S	Sg
BOZC	Bozcaada	0.29	356	P	Pg
BOZC				S	Sg
BOZC	comp=N,824nm,0.3s	i	AML	AML	13 16 23.0
BOZC	comp=N,696nm,0.2s	i	AML	AML	13 16 32.0
EZN	Ezine	0.33	35	P	Pg
EZN				S	Sg
EZN	750nm,0.3s	i	AML	AML	13 16 28.2 0.0
EZN	Ezine	0.33	35	Pg	Pg
EZN				S	Sg
PRK	Paraskevi	0.34	154	P	Pg
PRK				S	Sg
SIGR	SIGRI	0.38	207	P	Pg
SIGR				S	Sg
SIGR	870nm,0.2s	i	AML	AML	13 16 29.0 -0.1
SIGR	SIGRI	0.38	207	Pg	Pg
SIGR				S	Sg
BAYC	CANAKKALE_Bayr	0.41	62	P	Pg
BAYC				S	Sb
BAYC	comp=N,262nm,0.1s	i	AML	AML	13 16 29.6 0.0
ECEA	Canakkale, Ece	0.50	8	P	Pg
ECEA				S	Sb

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ECEA	comp=N,243nm,0.3s	S			
ECEA	comp=N,282nm,0.4s	i	AML	AML	13 16 44.0
COMU	Canakkale	0.62	29	Pg	Pg
COMU				Sg	Sb
GOKA	anakkale-Gk	0.65	348	P	Pg
GOKA				S	Sg
GOKA	comp=N,201nm,0.3s	i	AML	AML	13 16 43.0 +0.3
GOKA	comp=N,262nm,0.4s	i	AML	AML	13 16 45.0
GOKA	comp=N,262nm,0.4s	i	AML	AML	13 16 49.0
GADA	Gvkgeada	0.65	348	Pg	Pg
GADA				S	Sg
LIA	Limnos Island	0.77	297	P	Pg
LIA				S	Sg
LIA	512nm,0.4s	i	AML	AML	13 16 33.9 -0.3
BUHA	Balikesir, Bur	0.77	94	P	Pg
BUHA				S	Sg
BUHA	comp=N,3940µm,0.3s	i	AML	AML	13 16 46.6 +0.1
DKL	Dikili	0.80	127	Pg	Pg
CANM	Can-anakkale	0.88	58	Pg	Pg
GELI	Tayfur-Gelibol	0.90	20	Pg	Pg
KARB	zmir-Karabur	0.93	164	P	Sb
KARB				S	AML
KARB	comp=N,269nm,0.2s	i	AML	AML	13 16 37.2 -0.2
KARB	comp=N,172nm,0.4s	i	AML	AML	13 16 37.9 -0.5
ZEDA	zmir-Bergama	0.97	127	P	Pb
ZEDA				S	Sb
ZEDA	comp=N,244nm,0.4s	i	AML	AML	13 16 40.2 0.0
ZEDA	comp=N,146nm,0.2s	i	AML	AML	13 16 40.2 0.0
LPK	Lapseki	0.97	32	Pg	Pg
SMTH	Samothraki Isl	1.01	335	P	Pg
SMTH				S	Sb
SMTH	120nm,0.2s	i	AML	AML	13 16 40.4 -0.5
CAVK	Edirne-Enez-Ca	1.14	3	P	Pg
CAVK				S	Sb
CAVK	comp=N,133nm,0.7s	i	AML	AML	13 16 54.4 +0.1
CAVK	comp=N,134nm,0.9s	i	AML	AML	13 16 42.8 -0.6
ERIK	Erikli-Kesan	1.17	16	Ph	Pn
ENEZ	Enez	1.18	3	P	Pb
ENEZ				S	Sb
ENEZ	208nm,0.4s	i	AML	AML	13 17 07.0
ENEZ	Enez	1.18	3	Ph	Pn
BALY	Balya	1.20	81	P	Pb
BALY				S	Sg
BALY	comp=N,126nm,0.5s	i	AML	AML	13 16 43.7 -0.2
BALY	comp=N,102nm,0.3s	i	AML	AML	13 16 43.9 -0.4
KRBG	Karabiga-Canak	1.26	48	Ph	Pn
URLA	Izmir	1.26	161	Ph	Pn
URLA	Izmir	1.26	161	P	Pn
URLA				S	Sb
URLA	comp=N,159nm,0.4s	i	AML	AML	13 16 44.1 -0.9
URLA	comp=N,147nm,0.4s	i	AML	AML	13 17 01.1 -0.3
STEP	BALIKESIR_Sava	1.28	97	P	Pn
STEP				S	Sb
STEP	comp=N,86nm,1.0s	i	AML	AML	13 16 45.0 -0.3
STEP	comp=N,78nm,0.5s	i	AML	AML	13 17 03.4 +0.9
KNL	Balikesir	1.32	57	P	Pn
KNL				S	Sb
KNL	comp=N,316nm,0.7s	i	AML	AML	13 16 46.1 +0.2
KNL	comp=N,307nm,0.6s	i	AML	AML	13 17 02.0 +0.6
KNL	comp=N,105nm,0.4s	i	AML	AML	13 17 06.0
GONE	Gonen-Balikesir	1.33	68	Ph	Pn
ALN	Alexandroupoli	1.34	359	P	Pn
ALN				S	Sb
ALN	150nm,0.4s	i	AML	AML	13 16 45.9 -0.1
ALN	Alexandroupoli	1.34	359	Ph	Pn
ALN	Edirne-Kesan	1.35	20	P	Pn
KESN				S	Sb
KESN	comp=N,105nm,0.4s	i	AML	AML	13 16 48.8 +0.1
KESN	comp=N,158nm,0.3s	i	AML	AML	13 17 05.4 +0.6
ZEYE	Izmir, Ura-Ze	1.35	166	P	Pb
ZEYE				S	Sb
ZEYE	comp=N,128nm,0.7s	i	AML	AML	13 16 47.1 +0.3
ZEYE	comp=N,190nm,0.3s	i	AML	AML	13 17 08.0
BLCB	Balcova	1.39	147	P	Pn
BLCB				S	Sb
BLCB	Balcova	1.39	147	Ph	Pn
BALB	Balikesir	1.39	146	Ph	Pn
RKY	Sarkoy-Tekirda	1.41	86	Ph	Pn
BKES	Balikesir-Mer	1.44	82	P	Pn
BKES				S	Sg
BKES	comp=N,54nm,0.6s	i	AML	AML	13 16 47.8 -0.1
EDC	Edincik	1.58	59	Ph	Pn
DGB	zmir	1.62	157	Ph	Pn
DGB					

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MACC Macarena, JAMC Jamundi, AZU Azuero, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TUL1 Leonard, P40A Paris, P40B Paris, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BO02 Sierra Bellavi, TCUT Toone Canyon, IRM Iron Mountain, etc.

90T 13h

KOTAN	Kotanelee Air	62.33	333	P	P	13 39 49.9	+1.1
KULLO	Kullorsuaq	62.91	4	iP	P	13 39 52.3	-0.2
LIRD	Liard River Hi	62.96	331	P	P	13 39 53.9	+0.8
SUMG	Summit	63.27	10	iP	P	13 39 55.2	-0.2
WRGLY	Wrigley	63.49	336	P	P	13 39 57.5	+1.0
ESDC	Sonseca Array	63.72	52	P	P	13 39 59.8	+1.2
TIC	Toumodi	63.88	88	iP	P	13 40 01.0	+1.0
LIC	Lamto	63.94	89	iP	P	13 40 01.2	+0.8
DBIC	Dimbokro	64.03	88	P	P	13 40 01.8	+0.9
DBIC	Dimbokro	64.03	88	P	P	13 39 59.6	-1.3
DBIC	Dimbokro	64.03	88	P	P	13 39 59.7	-1.3
KIC	Kosan Boka	64.20	89	iP	P	13 40 03.2	+1.1
RES	Resolute Bay	64.22	353	P	P	13 39 59.8	-1.3
RES	Resolute Bay	64.22	353	P	P	13 39 59.8	-1.3
V35K	Ketchikan	64.35	326	P	P	13 40 03.3	+1.0
TULEG	Thule	64.49	0	P	P	13 40 01.9	-0.9
TULEG	Thule	64.49	0	P	P	13 40 02.7	-0.2
WTLY	Watson Lake, Y	64.49	332	P	P	13 40 03.8	+0.6
DLBC	Dease Lake	64.50	330	P	P	13 40 04.4	+1.1
S34M	Telegraph Cree	64.88	329	P	P	13 40 06.9	+1.1
U33K	Whale Pass	65.39	327	P	P	13 40 10.1	+1.1
NEEM	North Greenlan	66.10	4	iP	P	13 40 13.1	-0.6
P33M	Teslin, Yukon	66.42	331	P	P	13 40 17.0	+1.2
S32K	Killinooy	66.52	328	P	P	13 40 17.4	+1.1
P32M	Atlin	66.67	330	P	P	13 40 18.5	+1.2
N32M	Quiet Lake	66.83	332	P	P	13 40 19.5	+1.2
MFF	Saint Martin d	67.27	44	eP	P	13 40 22.3	+1.0
FARO	Faro, Yukon	67.29	333	P	P	13 40 22.5	+1.3
S31K	Pelican	67.51	328	P	P	13 40 24.0	+1.4
M31M	Drury Creek, Y	67.74	333	P	P	13 40 25.2	+1.2
O30N	Mendenhall	68.13	331	P	P	13 40 27.7	+1.2
N31M	Braeburn, Yuko	68.17	332	P	P	13 40 25.6	-1.2
N31M	Braeburn, Yuko	68.17	332	P	P	13 40 28.2	+1.4
A36M	Sachs Harbour	68.35	344	P	P	13 40 27.5	-0.1
P30M	Million Dollar	68.39	330	P	P	13 40 27.8	-0.4
CAF	Calviac	68.65	46	eP	P	13 40 30.8	+0.7
N30M	Aishik Lake	68.78	332	P	P	13 40 32.2	+1.6
MAYO	Mayo, Yukon	68.80	334	P	P	13 40 32.1	+1.4
H07	Haines Junctio	68.82	331	P	P	13 40 32.5	+1.6
M30M	Minto, Yukon	68.92	333	P	P	13 40 34.0	-1.1
M30M	Minto, Yukon	68.92	333	P	P	13 40 32.4	+0.9
F31M	Isigahic	69.14	338	P	P	13 40 33.0	+0.4
O29M	Mount Kennedy	69.21	330	P	P	13 40 35.1	+1.7
YUK6	Outpost Mounta	69.25	331	P	P	13 40 35.5	+1.7
INK	Inuvik	69.36	339	P	P	13 40 33.8	-0.2
TORD	Torodi Ar, Bea	69.41	80	P	P	13 40 36.0	+0.7
TORD	Torodi Ar, Bea	69.41	80	P	P	13 40 34.7	-0.5
JMIC	Jan Mayen	69.48	18	LR	LR	14 05 12.6	
YUK4	Talbot Arm	69.48	331	P	P	13 40 36.4	+1.3
K29M	Barlow Dome	69.57	334	P	P	13 40 36.6	+1.1
M29M	Somme Cree	69.64	332	P	P	13 40 37.0	+1.0
L29M	L29M	69.65	333	P	P	13 40 36.8	+0.8
DAG	Danmarks Havn	69.91	11	iP	P	13 40 34.5	-2.7
G30M	tAach Zraii Nji	69.91	337	P	P	13 40 38.2	+0.8
EPYK	Eagle Plains	69.92	337	P	P	13 40 38.2	+0.6
EPYK	Eagle Plains	69.92	337	P	P	13 40 38.5	+0.9
PINM	Pinnae	69.99	330	P	P	13 40 39.9	+1.7
I29M	Ogilvie Cree	70.28	335	P	P	13 40 40.6	+0.9
YUK3	Moose Creek	70.42	332	P	P	13 40 41.8	+0.9
DAWY	Dawson	70.42	334	P	P	13 40 40.6	-0.1
DAWY	Dawson	70.42	334	P	P	13 40 41.4	+0.8
CTG	Chitna Glacier	70.68	331	P	P	13 40 43.7	+1.2
BVCY	Beaver Creek	70.72	332	P	P	13 40 43.9	+1.3
M27K	Edge Creek, AK	71.18	332	P	P	13 40 44.7	-0.7
M27K	Edge Creek, AK	71.18	332	P	P	13 40 46.6	+1.2
BCAR	Beaver Creek A	71.27	333	P	P	13 40 45.1	-0.7
L27K	Beaver Creek,	71.28	333	P	P	13 40 46.0	+0.1
L27K	Beaver Creek,	71.28	333	P	P	13 40 48.1	
L27K	Beaver Creek,	71.28	333	P	P	13 40 47.1	+1.2
EGAK	Eagle	71.33	335	P	P	13 40 47.0	+1.8
MCARA	McCarthy VSAT	71.56	331	P	P	13 40 49.3	+1.9
I27K	Kandik River	71.68	335	P	P	13 40 49.2	+0.9
M26K	Nabesna, AK	71.70	332	P	P	13 40 49.7	+1.2
H27K	Steamboat Moun	71.77	336	P	P	13 40 50.0	+1.1
G27K	Doyon Strip	71.94	337	P	P	13 40 50.2	+0.4
L26K	Log Cabin Wild	71.96	333	P	P	13 40 50.6	+0.6
LPL	La Plagne	71.98	46	eP	P	13 40 51.9	+1.2
E27K	Coleen River	72.21	338	P	P	13 40 52.0	+0.6
I26K	Coal Creek Min	72.26	335	P	P	13 40 51.5	-0.2
I26K	Coal Creek Min	72.26	335	P	P	13 40 52.3	+0.6

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J26L	Joseph Creek	72.29	334	P	P	13 40 50.7	-1.3
J26L	Joseph Creek	72.29	334	P	P	13 40 52.8	+0.7
N25K	Chitna, Valde	72.33	331	P	P	13 40 53.7	+1.3
DOT	Dot Lake	72.38	333	P	P	13 40 51.9	-0.6
SCRK	Sand Creek	72.39	334	P	P	13 40 51.7	-1.0
SCRK	Sand Creek	72.39	334	P	P	13 40 54.7	
SCRK	Sand Creek	72.39	334	P	P	13 40 53.5	+0.9
BLSS	Blasio	72.64	31	eP	P	13 40 55.3	+1.1
HARP	HARP	72.70	332	P	P	13 40 55.2	+0.8
RIDG	Independent Ri	72.73	333	P	P	13 40 55.9	+1.2
EYAK	Cordova Ski Ar	72.76	330	P	P	13 40 56.2	+1.5
G26K	Porcupine Riv	72.79	337	P	P	13 40 55.1	+0.2
PAX	Paxson	72.91	332	P	P	13 40 56.4	+0.6
KLU	Klutina	72.95	331	P	P	13 40 57.0	+1.0
NOR	Nord	73.04	7	iP	P	13 40 55.4	-0.7
NOR	Nord	73.04	7	iP	P	13 40 56.4	
F26K	Sheenjek River	73.06	337	P	P	13 40 57.3	+0.8
M24K	Tolsona, Glenn	73.14	331	P	P	13 40 58.2	+1.1
K24K	Donnelly Dome	73.15	333	P	P	13 40 58.0	+0.9
BMAR	Burnt Mountain	73.18	337	P	P	13 40 56.6	-0.6
C27K	Jago River	73.25	339	P	P	13 40 58.3	+0.8
PRP	Porcupine Dome	73.27	335	P	P	13 40 58.4	+0.5
F25K	Christian River	73.61	337	P	P	13 41 01.0	+1.2
SCM	Sheep Creek Mo	73.65	331	P	P	13 41 01.0	+0.8
E25K	Arctic Village	73.66	338	P	P	13 41 00.9	+0.9
G25K	Gearman Lake	73.67	336	P	P	13 41 00.9	+0.9
SKAR	Skarslia	73.68	30	eP	P	13 41 00.9	+0.6
C26K	Camden Bay	73.71	340	P	P	13 41 01.0	+0.8
HDA	Harding Lake	73.73	334	P	P	13 41 00.7	+0.2
IL31	Eielson Army S	73.75	334	P	P	13 40 58.7	-1.8
ILAR	Eielson Army S	73.75	334	P	P	13 41 00.5	0.0
M23K	Glacier View	73.84	331	P	P	13 41 02.2	+1.1
POKR	Poker Plat Res	74.02	335	P	P	13 41 02.7	+0.6
PWL	Port Wells	74.06	330	P	P	13 41 03.3	+0.9
SML	Sawmill	74.12	331	P	P	13 41 03.8	+1.0
D25K	Kavik River	74.13	339	P	P	13 41 03.3	+0.6
CCB	Clear Creek Bu	74.13	334	P	P	13 41 01.6	-1.2
KNK	Knik Glacier	74.16	331	P	P	13 41 03.6	+0.6
COLA	College	74.17	334	eP	P	13 41 03.2	+0.3
COLA	College	74.17	334	eP	P	13 41 03.2	+0.3
KEST	Keasa	74.19	56	P	P	13 41 04.3	+0.5
G24K	Hadweencric Riv	74.20	336	P	P	13 41 04.1	+0.9
WRH	Wood River Hill	74.23	334	P	P	13 41 02.1	-1.3
KONO	Kongsberg	74.26	31	eP	P	13 41 04.0	+0.5
H24K	Noodor Dome	74.27	335	P	P	13 41 02.4	-1.3
H24K	Noodor Dome	74.27	335	P	P	13 41 05.3	
H24K	Noodor Dome	74.27	335	P	P	13 41 04.2	+0.5
F24K	Squaw Lake	74.45	337	P	P	13 41 05.7	+1.0
PMR	Palmer	74.49	331	P	P	13 41 05.7	+0.8
MCK	McKinley	74.54	333	P	P	13 41 04.0	-1.2
MCK	McKinley	74.54	333	P	P	13 41 06.8	
MCK	McKinley	74.54	333	P	P	13 41 04.0	-1.2
MCK	McKinley	74.54	333	P	P	13 41 05.7	+0.5
SEW	Seaward	74.57	329	P	P	13 41 06.2	+0.8
NEA2	Nenana	74.67	334	P	P	13 41 06.2	+0.3
E24K	You Creek	74.74	338	P	P	13 41 07.8	+1.4
FETA	Feichten	74.75	44	eP	P	13 41 07.2	+0.2
RC01	Rabbit Creek A	74.75	330	P	P	13 41 07.6	+1.2
I23K	Minto, Yukon-K	74.83	334	P	P	13 41 06.5	-0.2
I23K	Minto, Yukon-K	74.83	334	P	P	13 41 09.3	
I23K	Minto, Yukon-K	74.83	334	P	P	13 41 07.2	+0.4
H23K	Yukon River	74.96	335	P	P	13 41 08.0	+0.4
M22K	Willow	74.97	331	P	P	13 41 08.4	+0.8
C24K	Franklin Bluff	74.99	339	P	P	13 41 08.4	+0.8
ZCCA	Zocca	75.00	47	P	P	13 41 07.7	-0.6
NB2	NORSAR Subarra	75.12	30	P	P	13 41 10.5	+1.8
NB2	NORSAR Subarra	75.12	30	P	P	13 41 10.5	+1.8
NOA	NORSAR Array B	75.12	30	P	P	13 41 10.3	+1.7
NOA	NORSAR Array B	75.12	30	P	P	13 41 08.9	+0.4
TRF	Thorofore Moun	75.13	333	P	P	13 41 09.0	+0.2
TRF	Thorofore Moun	75.13	333	P	P	13 41 10.	

FIAl	baz=80	FINESSE Array S	82.25	29	P	I	13 41 46.6	-1.1
FIAl	comp=Z,6.4nm,0.8s				I	I	13 41 57.6	
FINES	baz=80	FINESSE Array B	82.25	29	P	P	13 41 49.0	+1.3
FINES	comp=Z,6.6nm,0.6s,baz=250,slow=3.3,SNR=33				P	P		
FINES	baz=80	FINESSE Array B	82.25	29	P	P	13 41 47.1	-0.6
BZS	baz=80	Buzias	82.38	45	P	P	13 41 51.2	+2.4
BZS	comp=Z,6.6nm,0.6s				P	P	13 41 52.2	+2.4
FALS	baz=80	False Pass	82.42	324	P	P	13 41 49.0	+0.2
TNA	baz=78	Tin City	82.54	335	P	P	13 41 50.6	+1.4
MDVR	baz=80	Moldovita	82.59	46	P	P	13 41 50.2	+0.2
TRPA	baz=80	Trapa	82.59	46	P	P	13 41 51.5	+1.7
DRGR	baz=80	Drgr	82.94	44	P	P	13 41 48.7	-3.1
DRGR	baz=80	Drgr	82.94	44	P	P	13 41 48.7	-3.1
FNA	baz=80	Florina	83.01	50	P	P	13 41 50.9	-1.4
FNA	comp=Z,5.4nm,0.8s				I	I	13 42 02.7	
FNA	baz=80	Florina	83.01	50	P	P	13 41 50.9	-1.4
VSU	comp=Z,5.0nm,0.8s				P	P	13 41 53.4	+0.9
VSU	baz=80	Vasula	83.15	32	P	P	13 41 53.4	+0.9
GZR	comp=Z,4.9nm,0.8s				P	P	13 41 54.7	+1.4
GZR	baz=80	Gura Zlata	83.22	45	P	P	13 41 54.7	+1.4
MAARR	baz=80	Marisela-Ctuj	83.23	45	P	P	13 41 54.9	+1.4
AKUT	baz=80	Akutan	83.91	324	P	P	13 41 53.7	-2.8
VTS	baz=80	Vitosha	84.06	48	P	P	13 42 01.2	+3.4
VTS	baz=80	Vitosha	84.06	48	P	P	13 42 01.2	+3.4
LVZ	baz=80	Lovozero	84.23	22	P	P	13 41 58.0	0.0
UNV	baz=80	Unalaska Valle	84.39	324	P	P	13 41 57.0	-1.9
UNV	comp=Z,3.3nm,0.4s,baz=280,slow=3.7,SNR=4.7				P	P	13 41 59.1	+0.1
UNV	baz=77	Unalaska Valle	84.39	324	P	P	13 41 59.1	+0.1
BURAR	baz=80	Bucovina Array	84.46	43	P	P	13 42 01.8	+2.2
ARGES	baz=80	Arges	84.52	45	P	P	13 42 02.0	+2.1
VOIR	baz=80	Voskresenka	84.79	45	P	P	13 42 03.1	+1.8
VOIR	baz=80	Voskresenka	84.79	45	P	P	13 42 03.1	+1.8
MLR	baz=80	Muntele Rosu	85.39	45	P	P	13 42 06.0	+1.6
MLR	baz=80	Muntele Rosu	85.39	45	P	P	13 42 06.0	+1.6
COVR	baz=80	Voineasa-Covas	85.50	44	P	P	13 42 05.8	+1.0
AKASG	comp=Z,3.0nm,0.4s				P	P	13 42 08.9	+0.2
AKASG	comp=Z,3.0nm,0.4s				P	P	13 42 10.0	+1.3
AKASG	comp=Z,3.0nm,0.4s				P	P	13 42 19.6	-0.1
KLMR	comp=Z,1.9nm,1.5s				P	P	13 42 19.5	-0.1
KLMR	comp=Z,1.9nm,1.5s				P	P	13 42 22.6	+1.9
OBN	comp=Z,6.0nm,0.5s				P	P	13 42 31.6	
OBN	comp=Z,6.0nm,0.5s				P	P	13 42 31.6	
OBN	comp=Z,6.0nm,0.5s				P	P	13 42 31.6	
OBN	comp=Z,6.0nm,0.5s				P	P	13 42 31.6	
BILL	comp=Z,6.0nm,1.1s				P	P	13 42 30.4	+0.7
BILL	comp=Z,6.0nm,1.1s				P	P	13 42 39.1	+1.4
BR13H	comp=Z,2.5nm,0.8s,baz=250,slow=3.3,SNR=12				P	P	13 42 38.8	+1.0
BR13H	comp=Z,2.5nm,0.8s				P	P	13 42 38.8	+1.0
TIXI	comp=Z,3.3nm,1.0s				P	P	13 42 51.2	-0.4
TIXI	comp=Z,3.3nm,1.0s				P	P	13 42 51.2	-0.4
TIXI	comp=Z,3.3nm,1.0s				P	P	13 42 51.2	-0.4
TIXI	comp=Z,3.3nm,1.0s				P	P	13 42 51.2	-0.4
BELG	comp=Z,2.0nm,1.9s				P	P	13 43 00.5	+1.2
BELG	comp=Z,2.0nm,1.9s				P	P	13 43 00.5	+1.2
NRIK	comp=Z,10.0nm,3.0s				P	P	13 43 04.7	+0.3
NRIK	comp=Z,10.0nm,3.0s				P	P	13 43 04.7	+0.3
SEY	comp=Z,9.0nm,2.3s				P	P	13 48 09.7	-0.7
SEY	comp=Z,9.0nm,2.3s				P	P	13 48 17.8	-0.4
SEY	comp=Z,9.0nm,2.3s				P	P	13 48 17.8	-0.4
SEY	comp=Z,9.0nm,2.3s				P	P	13 48 17.8	-0.4
WMO	comp=Z,0.8nm,0.5s,baz=283,slow=2.7,SNR=4.3				P	P	13 48 18.4	-0.6
WMO	comp=Z,0.8nm,0.5s				P	P	13 48 27.3	-0.1
WMO	comp=Z,0.8nm,0.5s				P	P	13 48 27.3	-0.1
WMO	comp=Z,0.8nm,0.5s				P	P	13 48 27.3	-0.1
HHC	comp=Z,1.6nm,0.6s,baz=126,slow=1.7,SNR=2.6				P	P	13 48 28.7	-3.2
HHC	comp=Z,1.6nm,0.6s				P	P	13 48 33.5	-0.1
HHC	comp=Z,1.6nm,0.6s				P	P	13 48 33.5	-0.1
HHC	comp=Z,1.6nm,0.6s				P	P	13 48 33.5	-0.1
GTA	comp=Z,1.4nm,0.8s,baz=320,slow=3.5,SNR=7.0				P	P	13 49 12.1	0.0
GTA	comp=Z,1.4nm,0.8s				P	P	13 49 12.5	-0.5
GTA	comp=Z,1.4nm,0.8s				P	P	13 49 12.5	-0.5
GTA	comp=Z,1.4nm,0.8s				P	P	13 49 12.5	-0.5
KRSR	comp=Z,1.6nm,0.6s,baz=126,slow=1.7,SNR=2.6				P	P	13 49 13.1	0.0
KRSR	comp=Z,1.6nm,0.6s				P	P	13 49 20.5	+0.3
KRSR	comp=Z,1.6nm,0.6s				P	P	13 49 20.5	+0.3
KRSR	comp=Z,1.6nm,0.6s				P	P	13 49 20.5	+0.3
NJ2	comp=Z,8.0nm,0.5s				P	P	13 49 28.4	-0.4
NJ2	comp=Z,8.0nm,0.5s				P	P	13 49 28.4	-0.4
NJ2	comp=Z,8.0nm,0.5s				P	P	13 49 28.4	-0.4
NJ2	comp=Z,8.0nm,0.5s				P	P	13 49 28.4	-0.4
PZH	comp=Z,1.6nm,0.9s,baz=114,slow=4.1,SNR=10				P	P	13 49 02.2	-0.7
PZH	comp=Z,1.6nm,0.9s				P	P	13 49 02.2	-0.7
PZH	comp=Z,1.6nm,0.9s				P	P	13 49 02.2	-0.7
PZH	comp=Z,1.6nm,0.9s				P	P	13 49 02.2	-0.7
CTAO	comp=Z,4.9nm,0.6s,baz=112,slow=5.7,SNR=15				P	P	13 49 04.2	0.0
CTAO	comp=Z,4.9nm,0.6s				P	P	13 49 09.1	+0.4
CTAO	comp=Z,4.9nm,0.6s				P	P	13 49 12.6	+0.5
CTAO	comp=Z,4.9nm,0.6s				P	P	13 49 12.6	+0.5
CMAR	comp=Z,1.4nm,0.8s,baz=320,slow=3.5,SNR=7.0				P	P	13 49 12.1	0.0
CMAR	comp=Z,1.4nm,0.8s				P	P	13 49 12.5	-0.5
CMAR	comp=Z,1.4nm,0.8s				P	P	13 49 12.5	-0.5
CMAR	comp=Z,1.4nm,0.8s				P	P	13 49 12.5	-0.5
COEN	comp=Z,1.6nm,0.6s,baz=126,slow=1.7,SNR=2.6				P	P	13 49 13.1	0.0
COEN	comp=Z,1.6nm,0.6s				P	P	13 49 20.5	+0.3
COEN	comp=Z,1.6nm,0.6s				P	P	13 49 20.5	+0.3
COEN	comp=Z,1.6nm,0.6s				P	P	13 49 20.5	+0.3
PHRA	comp=Z,3.8nm,0.8s,baz=108,slow=2.4,SNR=20				P	P	13 49 28.4	-0.4
PHRA	comp=Z,3.8nm,0.8s				P	P	13 49 28.4	-0.4
PHRA	comp=Z,3.8nm,0.8s				P	P	13 49 28.4	-0.4
PHRA	comp=Z,3.8nm,0.8s				P	P	13 49 28.4	-0.4
ASAR	comp=Z,1.5nm,0.5s,baz=117,slow=2.1,SNR=9				P	P	13 49 21.4	0.0
ASAR	comp=Z,1.5nm,0.5s				P	P	13 49 21.2	-0.2
ASAR	comp=Z,1.5nm,0.5s				P	P	13 49 21.2	-0.2
ASAR	comp=Z,1.5nm,0.5s				P	P	13 49 21.2	-0.2
WBR	comp=Z,2.8nm,0.5s,baz=98,slow=2.8,SNR=18				P	P	13 49 30.4	-0.7
WBR	comp=Z,2.8nm,0.5s				P	P	13 49 30.4	-0.7
WBR	comp=Z,2.8nm,0.5s				P	P	13 49 30.4	-0.7
WBR	comp=Z,2.8nm,0.5s				P	P	13 49 30.4	-0.7

BAYC	comp=N,447nm,0.2s				P	P	13 30 41.0	
BAYC	comp=N,447nm,0.2s				P	P	13 30 41.4	-0.1
BAYC	comp=N,377nm,0.2s				P	P	13 30 42.0	
ECEA	comp=N,287nm,0.3s				P	P	13 30 37.9	+0.4
ECEA	comp=N,287nm,0.3s				P	P	13 30 45.5	-0.3
ECEA	comp=N,287nm,0.3s				P	P	13 30 46.0	
ECEA	comp=N,287nm,0.3s				P	P	13 30 49.0	
COMU	comp=N,568nm,0.3s				P	P	13 30 39.9	-0.1
COMU	comp=N,568nm,0.3s				P	P	13 30 49.1	-0.6
GOKA	comp=N,300nm,0.3s				P	P	13 30 40.4	0.0
GOKA	comp=N,300nm,0.3s				P	P	13 30 49.6	+0.5
GOKA	comp=N,300nm,0.3s				P	P	13 30 50.0	
GOKA	comp=N,300nm,0.3s				P	P	13 30 55.0	
GADA	comp=N,129nm,0.4s				P	P	13 30 40.4	0.0
GADA	comp=N,129nm,0.4s				P	P	13 30 42.7	+0.2
GADA	comp=N,129nm,0.4s				P	P	13 30 53.7	+0.2
LIA	comp=N,1169nm,0.3s				P	P	13 30 42.7	+0.2
LIA	comp=N,1169nm,0.3s				P	P	13 30 56.6	
LIA	comp=N,1169nm,0.3s				P	P	13 30 56.9	
LIA	comp=N,1169nm,0.3s				P	P	13 30 56.9	
BUHA	comp=N,1082nm,0.3s				P	P	13 30 42.7	-0.3
BUHA	comp=N,98nm,0.5s				P	P	13 30 53.3	+0.2
BUHA	comp=N,98nm,0.5s				P	P	13 30 57.0	
BUHA	comp=N,98nm,0.5s				P	P	13 30 57.0	
DKL	comp=N,77nm,0.3s				P	P	13 30 58.0	
DKL	comp=N,77nm,0.3s				P	P	13 30 43.7	+0.3
CANM	comp=N,129nm,0.4s				P	P	13 30 44.9	0.0
CANM	comp=N,129nm,0.4s				P	P	13 30 44.9	-0.2
GELI	comp=N,129nm,0.4s				P	P	13 30 46.0	+0.3
KARB	comp=N,169nm,0.5s				P	P	13 30 59.0	+0.1
KARB	comp=N,169nm,0.5s				P	P	13 31 00.0	
KARB	comp=N,169nm,0.5s				P	P	13 31 00.0	
KARB	comp=N,169nm,0.5s				P	P	13 31 00.0	
LZPK	comp=N,101nm,0.3s				P	P	13 30 46.0	-0.6
LZPK	comp=N,101nm,0.3s				P	P	13 30 46.8	+0.1
LZPK	comp=N,101nm,0.3s				P	P	13 30 59.6	+0.2
LZPK	comp=N,101nm,0.3s				P	P	13 31 02.0	
ZEDA	comp=N,187nm,0.4s				P	P	13 31 02.0	
ZEDA	comp=N,187nm,0.4s				P	P	13 30 46.8	-0.3
ZEDA	comp=N,187nm,0.4s				P	P	13 31 00.6	+0.2
SMTH	comp=N,130nm,0.2s				P	P	13 30 46.7	-0.3
SMTH	comp=N,130nm,0.2s				P	P	13 31 00.7	+0.3
SMTH	comp=N,130nm,0.2s				P	P	13 31 00.7	+0.3
SMTH	comp=N,130nm,0.2s				P	P	13 31 02.1	
PSRA	comp=N,219nm,0.2s				P	P	13 31 03.8	
PSRA	comp=N,219nm,0.2s				P	P	13 30 48.8	+0.2
PSRA	comp=N,219nm,0.2s				P	P	13 31 04.0	0.0
PSRA	comp=N,219nm,0.2s				P	P	13 31 04.0	0.0
ERIK	comp=N,171nm,0.3s				P	P	13 30 49.4	-0.8
ERIK	comp=N,171nm,0.3s				P	P	13 30 50.1	-0.1
CHOS	comp=N,171nm,0.3s				P	P	13 30 50.1	-0.1
CHOS	comp=N,171nm,0.3s				P	P	13 30 50.1	-0.1
ENEZ								

YAK	e ^{SS}	SKIKP	13 55 58.3	-0.8	TRF	Thorofare Moun	79.70	22	P	P	13 47 16.9	-0.4	ZAA0	Zalesovo Array	82.60	326	P	P	13 47 32.0	-0.7
YAK	eSS	SS	13 59 52.3	+0.7	TRF	Thorofare Moun	79.70	22	P	P	13 47 17.3	0.0	ZALV	Zalesovo Beam	82.60	326	P	P	13 47 32.8	+0.1
YAK	comp=Z,50nm,1.6s	pmax			M23K	Glacier View	79.79	24	P	P	13 47 18.2	+0.5	ZALV	comp=Z,2.6nm,0.5s,baz=110,slow=5.0,SNR=16					14 27 16.5	
YAK	comp=N,8.0nm,1.2s	pmax	pmax		BPAW	Bear Paw Mtn.	79.81	21	P	P	13 47 17.8	+0.1	ZALV	comp=Z,2.6nm,0.5s						
YAK	comp=E,5.0nm,2.0s	pmax	pmax		SCM	Sheep Creek Mo	79.97	24	P	P	13 47 19.4	+0.7	ZALV	Zalesovo Beam	82.60	326	P	P	13 47 32.4	-0.3
YAK	comp=E,99nm,7.3s	smax	smax		EYAK	Cordova Ski Ar	79.98	26	P	P	13 47 19.3	+0.7	D23K	Nanushuk River	82.73	17	P	P	13 47 34.7	+1.7
YAK	comp=N,67nm,4.8s				IMAR	Indian Mountai	79.99	19	P	P	13 47 19.3	+0.7	F24K	Squaw Lake	82.78	19	P	P	13 47 35.0	+1.6
S12K	Black Hills	70.18	24	P	I21K	Tanana	80.09	20	P	P	13 47 20.6	+1.5	J26L	Joseph Creek	82.78	23	P	P	13 47 33.4	-0.5
SDPT	Sand Point	70.60	25	P	H21K	Melozitna Rive	80.10	19	P	P	13 47 20.0	+1.8	J26L	Joseph Creek	82.78	23	P	P	13 47 33.4	-0.5
ZAK	Zakamensk	70.88	328	eP	H21K	Melozitna Rive	80.10	19	P	P	13 47 20.3	+1.1	L27K	Beaver Creek,	82.81	24	P	Iamb	13 47 33.2	-0.4
ZAK					MCK	McKinley	80.36	22	P	P	13 47 20.4	-0.3	L27K	Beaver Creek,	82.81	24	P	Iamb	13 47 33.2	-0.4
MOY	Mondy	72.79	328	eP	MCK	McKinley	80.36	22	P	P	13 47 20.4	-0.3	L27K	Beaver Creek,	82.81	24	P	Iamb	13 47 33.2	-0.4
MOY					MCK	McKinley	80.36	22	P	P	13 47 20.4	-0.3	L27K	Beaver Creek,	82.81	24	P	Iamb	13 47 33.2	-0.4
R16K	Pilot Point	73.27	25	P	MCK	McKinley	80.36	22	P	P	13 47 20.4	-0.3	L27K	Beaver Creek,	82.81	24	P	Iamb	13 47 33.2	-0.4
BILL	Bilbino	73.43	4	P	KLU	Klutina	80.38	25	P	Iamb	13 47 21.4	+0.5	BCAR	Beaver Creek A	82.83	24	P	P	13 47 33.4	-0.3
BILL	Bilbino	73.43	4	eP	KLU	Klutina	80.38	25	P	Iamb	13 47 21.4	+0.5	E24K	Your Creek	82.89	18	P	P	13 47 35.2	+1.3
BILL					KLU	Klutina	80.38	25	P	Iamb	13 47 21.4	+0.5	YUK8	Steele Glacier	82.92	26	P	P	13 47 36.2	+1.7
BILL					KLU	Klutina	80.38	25	P	Iamb	13 47 21.4	+0.5	BVCY	Beaver Creek	82.93	25	P	P	13 47 35.9	+1.7
R17K	Ugashik Creek	73.81	25	P	G21K	Allakaket	80.40	19	P	P	13 47 21.8	+1.0	G25K	Beaman Lake	82.98	20	P	P	13 47 35.8	+1.4
P16K	Nushagak River	74.05	23	P	MLY	Manley	80.44	20	P	Iamb	13 47 20.7	-0.4	O29M	Mount Kennedy	83.06	27	P	P	13 47 36.4	+1.3
Q16K	King Salmon	74.36	24	P	MLY	Manley	80.44	20	P	Iamb	13 47 22.8		FYU	Fort Yukon	83.18	20	P	Iamb	13 47 35.9	+0.5
Q16K	Kokwok River B	74.38	23	P	M24K	Tolsona, Glenn	80.58	24	P	P	13 47 21.5	-0.5	FYU	Fort Yukon	83.18	20	P	Iamb	13 47 35.9	+0.5
Q17K	Contact Creek	74.41	25	P	M24K	Tolsona, Glenn	80.58	24	P	P	13 47 23.6	+1.5	S31K	Pelican	83.31	30	P	P	13 47 37.5	+1.4
N16K	Nishlik Lake	74.71	22	P	H22K	Ishtaltna Cre	80.72	20	P	P	13 47 23.1	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
O17K	Koliganek Bris	74.88	23	P	NEA2	Nenana	80.78	21	P	Iamb	13 47 22.0	-0.9	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
OHAK	Old Harbor	74.89	26	P	NEA2	Nenana	80.78	21	P	Iamb	13 47 22.8	-0.1	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
Q18K	Katmai Hardscr	75.01	25	P	F21K	Alatina River	80.84	18	P	P	13 47 23.9	+0.8	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min	83.31	22	P	Iamb	13 47 36.8	+0.7
ANM	Nome	75.47	17	P	I23K	Minto, Yukon-K	80.99	21	P	Iamb	13 47 22.3	-1.6	I26K	Coal Creek Min						

HTT	Hallett	30.80	219	P	P	17 26 37.7	+2.0
URZ	Urewera	31.10	156	P	P	17 26 38.2	0.0
URZ	comp-Z,28nm,1.2s,baz=244,slow=15,SNR=2.0						
URZ	LR					17 37 30.8	
RTZ	Ruatahuna	31.36	156	P	P	17 26 40.4	-0.1
RTZ	comp-Z,56nm,1.6s					17 27 31.6	
SUJI	Soron	31.38	286	LR	LR	17 39 03.3	
BKZ	Black Stump Fm	31.64	157	P	P	17 26 42.5	-0.5
BKZ	Black Stump Fm	31.64	157	P	P	17 26 44.2	+1.2
KNRA	Kununurra	32.16	257	P	P	17 26 47.3	-0.5
KNRA	comp-Z,33nm,1.4s					17 26 48.7	
MULG	Mulgathing	32.18	228	P	P	17 26 48.0	+0.2
BBOO	Buckleboo	32.23	222	P	P	17 26 47.9	-0.3
BBOO	Buckleboo	32.23	222	P	P	17 26 49.1	+0.9
RPZ	Rata Peaks	34.21	167	LR	LR	17 40 37.7	
WRKA	Warakura	34.56	241	P	P	17 27 08.2	-0.5
FITZ	Fitzroy Crossi	35.40	253	P	P	17 27 15.5	-0.4
FITZ	Fitzroy Crossi	35.40	253	P	P	17 27 16.2	+0.3
SANI	Sanara	36.10	281	P	P	17 27 18.1	-3.9
GTOI	GORONTALO	39.70	284	P	P	17 27 52.5	+0.2
MRSI	Marisa	40.68	283	P	P	17 27 58.4	-2.0
MBWA	Marble Bar	41.34	250	P	P	17 28 06.0	+0.2
MBWA	Marble Bar	41.34	250	P	P	17 28 24.5	
MBWA	comp-Z,47nm,1.6s					17 28 06.8	+1.0
MBWA	Marble Bar	41.34	250	P	P	17 28 07.5	-0.1
MBWA	comp-Z,11nm,1.2s					17 28 15.8	-4.1
PLAI	Plampang	42.98	268	P	P	17 28 18.5	-0.7
MEEK	Meekatharra	43.38	242	P	P	17 28 25.4	+3.0
BLDU	Ballidu	46.02	237	P	P	17 28 44.0	+0.7
MORW	Morawa	46.17	240	P	P	17 28 47.3	-0.3
MORW	Morawa	46.17	240	P	P	17 28 47.0	+2.4
JAGI	Jajag, Banyuwa	46.58	268	P	P	17 28 46.4	-1.5
JAGI	Jajag, Banyuwa	46.58	268	P	P	17 28 46.6	-1.3
JAGI	Jajag, Banyuwa	46.58	268	P	P	17 28 44.4	-3.5
JAGI	comp-Z,25nm,1.1s					17 28 45.2	
PPT	Papeete	48.02	104	LR	LR	17 45 12.2	
PPT2	Papeete2	48.02	104	eLR	LR	17 42 41.9	
TUBU	Tubuai	48.55	112	eLR	LR	17 42 56.6	
JOW	Kunigami	49.03	320	P	P	17 29 06.7	+0.1
MJAR	Matsushiro Arr	51.56	336	P	P	17 29 24.8	-0.8
MJAR	comp-Z,2.8nm,0.8s,baz=175,slow=6.6,SNR=9.3					17 52 10.4	
MJAR	comp-Z,19nm,19.8s,baz=126,slow=37					17 29 25.1	-0.4
MAJO	Matsushiro	51.56	336	P	P	17 29 29.0	+0.8
MAJO	comp-Z,2.8nm,0.8s					17 29 29.9	+0.2
NACB	Ninganchiao	51.88	312	P	P	17 29 30.1	+0.4
TPUB	Ta-pu	52.08	310	P	P	17 29 30.4	+0.4
TPUB	Ta-pu	52.08	310	P	P	17 29 30.4	+0.4
SSLB	Suanglung	52.12	311	P	P	17 29 31.4	+1.4
SSLB	Suanglung	52.12	311	P	P	17 29 29.9	-0.2
JNU	Nakatsue	52.15	327	P	P	17 29 35.7	
JNU	comp-Z,11nm,0.9s,baz=214,slow=16,SNR=2.8					17 49 35.7	
JNU	comp-Z,19nm,20.3s,baz=172,slow=34					17 29 32.4	+1.2
YHNB	Yeheng	52.34	312	P	P	17 29 32.4	+0.7
YHNB	Yeheng	52.34	312	P	P	17 29 46.4	+0.7
JTM	Tenmabayashi	54.30	341	P	P	17 29 46.7	+1.0
JTM	Tenmabayashi	54.30	341	P	P	17 29 51.1	-1.1
CGJI	Cibinong	55.13	269	P	P	17 30 05.5	+1.2
JKA	Kamikawa-asahi	56.90	344	P	P	17 30 05.3	+1.0
ASAJ	Asahikawa	56.90	344	P	P	17 52 21.2	
ASAJ	comp-Z,6.6nm,0.5s,baz=169,slow=8.3,SNR=30					17 30 04.2	-1.0
MDSI	Maura Dua	56.94	271	P	P	17 30 05.2	0.0
MDSI	comp-Z,1nm,1.2s					17 52 41.3	
KSR5	Korea Array	57.02	328	P	P	17 52 41.3	
KSR5	comp-Z,1.2nm,0.7s,baz=142,slow=7.9,SNR=5.9					17 52 41.3	
TAOE	Nuku Hiva Isla	57.62	94	eLR	LR	17 47 08.3	
TAOE	comp-Z,19nm,21.4s,baz=130,slow=34					17 30 39.6	+1.2
NJ2	Nanjing	58.62	318	eP	Pmax	17 30 17.7	+1.2
NJ2	comp-Z,1.1nm,0.9s					17 30 50.5	-4.0
SDSI	Sungai Darih	60.28	275	P	P	17 30 26.4	-2.0
USRK	Ussuriysk Ar	60.55	336	P	P	17 30 29.4	-0.2
USRK	comp-Z,5.2nm,0.8s,baz=125,slow=6.4,SNR=7.4					17 30 39.6	+1.0
MDJ	Mudanjiang	61.88	335	P	P	17 30 39.8	+1.2
MDJ	comp-Z,6.6nm,0.5s					17 30 50.5	-4.0
MDJ	MDJ	61.88	335	P	P	17 30 46.8	+0.2
MDJ	MDJ	61.88	335	P	P	17 30 39.8	+1.2
MDJ	MDJ	61.88	335	P	P	17 30 50.5	-4.0
CN2	Changchun	63.08	332	P	P	17 30 46.8	+0.2
CN2	comp-Z,10.0nm,0.5s					17 30 39.8	+1.2
PETK	Petropavlovsk-	63.36	358	P	P	17 30 48.4	+0.1
PETK	comp-Z,2.1nm,0.7s,baz=261,slow=14,SNR=2.1					17 53 47.7	
PETK	LR					17 53 47.7	
SHEM	Shemys Ala	63.85	9	LR	LR	17 52 56.0	
SHEM	comp-Z,34nm,20.9s,baz=98,slow=30					17 30 56.2	-0.5
GSI	Gunungsitoli	64.51	276	P	P	17 30 56.2	-0.5
GSI	comp-Z,9.9nm,0.9s					17 30 54.0	-2.7
GSI	Gunungsitoli	64.51	276	P	P	17 30 57.9	+0.5
GIWB	Kanaga Island	64.75	15	P	P	17 30 57.9	+0.5
KLR	Kul'dur	64.86	339	LR	LR	17 56 33.0	
CASV	Casey	65.42	200	P	P	17 31 01.8	+0.1
XAN	Xi'an	66.56	314	P	P	17 31 09.8	+0.2
XAN	comp-Z,7.0nm,0.8s					17 31 12.3	+0.2
VNDA	Vanda	67.07	180	P	P	17 31 12.7	+0.7
VNDA	comp-Z,4.8nm,0.7s,baz=334,slow=5.8,SNR=14					17 31 12.3	+0.2
VNDA	Vanda	67.07	180	P	P	17 31 29.0	+1.7
VNDA	comp-Z,4.8nm,0.7s					17 31 13.4	-0.4
HEH	HeiHe	67.30	337	eP	Pmax	17 31 13.4	-0.4
HEH	comp-Z,7.0nm,0.9s					17 31 18.5	+0.6
HEH	comp-Z,48nm,4.1s					17 31 30.1	-4.0
XLT	XiLinHaoTe	67.91	326	P	P	17 31 30.1	-4.0
XLT	comp-Z,9.0nm,0.9s					17 31 43.9	-0.1
XLT	comp-Z,5.7nm,4.5s					17 31 18.5	0.0
CMAR	Chiang Mai Arr	67.93	295	P	P	17 31 18.5	0.0
CMAR	comp-Z,0.8nm,0.8s,baz=123,slow=4.7,SNR=5.9					18 00 20.3	
CMAR	comp-Z,10nm,19.8s,baz=130,slow=35					17 31 18.5	-0.1
CMAR	comp-Z,0.8nm,0.8s					17 31 18.9	+0.1
CKD	Concordia, Ant	68.03	190	P	P	17 31 24.9	+2.6
NIKH	Nikoiishi High	68.11	99	P	P	17 31 24.9	+2.6
PZH	PanZhiHua	68.53	304	P	P	17 31 24.9	+2.6
PZH	comp-Z,10.0nm,0.5s					17 31 24.9	+2.6
PZH	comp-Z,80nm,4.7s					17 31 24.9	+2.6

HHC	Hu-ho-hao-te	68.62	322	eP	Pmax	17 31 25.6	+3.1
HHC	comp-Z,11nm,0.9s					17 31 25.6	+3.1
HHC	comp-Z,120nm,5.8s					17 31 35.7	+0.4
TNCH	TengChong	70.63	301	P	P	17 31 50.3	-1.0
TNCH	comp-Z,7.5nm,3.8s					17 40 47.1	+2.0
TNCH	comp-Z,10.0nm,2.5s					17 41 13.6	0.0
TNCH	comp-Z,7.5nm,3.8s					17 31 39.5	+1.1
SPIA	Saint Paul Is	71.31	16	P	P	17 32 02.0	-0.1
ULN	Ulanbaatar	75.32	326	eP	P	17 32 05.5	+1.4
GTA	Gaotai	75.56	315	eP	P	17 32 16.4	-0.4
GTA	comp-Z,2.0nm,0.6s					17 32 22.0	+1.5
16K	Pilot Point	75.63	21	P	P	17 32 04.3	+0.5
SONM	Songino Array	75.67	325	P	P	17 32 04.7	+0.2
SONM	comp-Z,4.7nm,0.7s,baz=141,slow=5.5,SNR=38					17 32 04.8	+0.3
SONM	Songino Array	75.67	325	P	P	18 07 28.8	
BRDH	Bariadhala	75.76	297	LR	LR	18 07 28.8	
YAK	Yakutsk	76.35	345	LR	LR	18 02 54.6	
YAK	comp-Z,55nm,22.0s,baz=86,slow=37					17 32 09.5	+0.3
16K	Nushagak River	76.59	20	P	P	17 32 11.1	+0.7
16K	comp-Z,221					17 32 10.8	+0.5
Q17K	Contact Creek	76.76	22	P	P	17 32 11.1	+0.7
Q16K	King Salmon	76.78	21	P	P	17 32 11.7	+0.3
Q16K	comp-Z,221					17 32 14.1	+0.4
Q16K	Kokwuk River B	76.98	20	P	P	17 32 15.3	+1.3
Q18K	Katma Hardscr	77.35	22	P	P	17 32 15.3	+1.3
Q18K	comp-Z,224					17 32 14.6	+0.5
N16K	Nishilik Lake	77.43	19	P	P	18 03 07.2	
Q17K	Koliganek Bris	77.45	20	P	P	17 32 16.3	+0.1
Q17K	comp-Z,62nm,18.7s,baz=230,slow=33					17 32 18.3	+0.8
KDAD	Kodiak Island	77.66	23	LR	LR	17 32 18.3	+0.8
KDAD	comp-Z,224					17 32 18.3	+0.8
P18K	Big Mountain	77.81	21	P	P	17 32 18.3	+0.8
Q19K	Cape Douglas	78.05	22	P	P	17 32 18.3	+0.8
Q19K	Cape Douglas	78.05	22	P	P	17 32 18.3	+0.8
Q18K	Koktuh Hills	78.16	21	P	P	17 32 20.1	+1.3
Q20K	Shuyak Island	78.20	23	P	P	17 32 19.1	+0.2
Q20K	comp-Z,226					17 32 31.6	
BILL	Bilbino	78.35	2	P	P	17 32 21.5	+0.3
BILL	comp-Z,13nm,1.1s					17 32 23.1	+1.2
P19K	Oil Pt	78.71	22	P	P	17 32 23.1	+1.2
P19K	comp-Z,226					17 32 23.6	+1.3
ANM	Norne	78.88	14	P	P	17 32 23.6	+1.3
ANM	comp-Z,213					17 32 23.9	+0.5
SVWZ	Sparrevohr	78.93	20	P	P	17 32 24.0	+0.7
ILSW	Iliamna Southw	78.98	21	P	P	17 32 24.0	+0.7
N19K	Bonanza Creek	79.10	20	P	P	17 32 25.0	+0.9
N19K	Bonanza Creek	79.10	20	P	P	17 32 25.0	+0.9
TNA	Tin City	79.15	12	P	P	17 32 25.0	+0.9
TNA	comp-Z,211					17 32 25.0	+0.9
O20K	Slope Mountain	79.23	22	P	P	17 32 25.0	+0.9
O20K	comp-Z,224					17 32 25.5	+0.1
QPMK	China Pot	79.36	22	P	P	17 32 25.5	+0.1
RSO	Redoubt South	79.45	21	P	P	17 32 27.5	+1.0
BRSE	Bradley Lake S	79.69	22	P	P	17 32 29.2	+1.6
M19K	Big River Lodg	79.91	20	P	P	17 32 29.1	+1.2
M19K	comp-Z,224					17 32 29.1	+1.2
L19K	White Mountain	79.96	19	P	P	17 32 30.3	+1.4
L19K	White Mountain	79.96	19	P	P	17 32 30.9	
TTA	Tatalina	80.14	18	P	P	17 32 29.8	+0.9
TTA	comp-Z,10nm,0.8s					17 32 30.9	+1.0
TTA	Tatalina	80.14	18	P	P	17 32 32.1	+1.3
M20K	Styx River	80.32	20	P	P	17 32 32.1	+1.3
M20K	comp-Z,225					17 32 30.8	-0.3
L20K	Farewell, AK	80.49	19	P	P		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sierra Bellavi, Juan Fernandez, Mina Guanaco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Adyaman-Merk, anilurfa/Hi, Gaziantep, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sigr, SigrI, SigrR, etc.

IDD 09 17:38:31.2, 1.3, 4:35N, 127.38E, h0km, mb3.6/6, mblm3.6/6, Error ellipse: s-maj=82.5km s-min=20.2km az=68.0

DDA 09 18:16:17.6:0.0, 39:55N, 26:07E, h13km, 1km, ML2.3 ISK 09 18:16:17.6:39:57N, 26:04E, h5km, ML2.5/19

ROM 09 18:24:26.0:0.0, 42:813N, 0:002:13:130E, 0:003, h10km, ML1.9/26.5C-9D, Error ellipse: s-maj=0.2km s-min=0.1km az=109.0, Central Italy

Table with columns: GAR, Garm, 69.85 316, P, P, 19 43 20.1 +0.7, 19 43 21.4, 19 43 23.1 -0.2, 19 43 23.8 -0.3, 19 43 24.8, 19 43 24.1 0.0, 19 43 23.4 -0.7, 19 43 28.5 +0.4, 19 43 29.5, 19 43 59.9 -0.2, 19 44 01.7, 19 44 08.4 +1.0, 19 44 11.0 -0.1, 19 44 21.8 -0.3, 19 44 21.5 -0.6, 19 44 23.2, 19 44 40.4 +0.4, 19 44 44.1 +0.4, 19 45 30.0 +0.3, 19 45 39.5 -0.3, 19 51 09.1 +0.9, 19 51 44.7 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 19 45 39.5 -0.3, 19 51 09.1 +0.9, 19 51 44.7 -0.2

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 19 51 44.7 -0.2, 19 51 44.7 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 19 51 44.7 -0.2, 19 51 44.7 -0.2

Table with columns: AS31, Iamb, Iamb, 20 12 40.7, 20 12 37.9 -0.7, 20 16 21.9 -0.3, 20 12 37.2 +0.8, 20 12 37.4 +0.9, 20 12 43.0 +0.2, 20 12 43.0 +0.2, 20 13 11.6, 20 12 43.1 +0.4, 20 12 45.9 +1.4, 20 12 49.3, 20 12 49.6 +2.9, 20 23 02.2, 20 12 51.0 +2.9, 20 12 50.6 +0.5, 20 12 58.0 -0.8, 20 13 00.7 +1.8, 20 22 16.6, 20 12 59.5 +0.7, 20 13 05.5, 20 13 22.1 +1.3, 20 13 34.1 +2.6, 20 13 42.2 +1.5, 20 13 46.3 +1.7, 20 13 49.7 +0.9, 20 13 57.8 +0.8, 20 14 06.7 +1.4, 20 14 10.3 +1.2, 20 24 38.1, 20 14 17.1 +1.2, 20 14 21.7 +0.8, 20 25 45.9, 20 14 30.4 -0.1, 20 14 31.1, 20 14 39.0 -1.2, 20 15 11.6 0.0, 20 15 20.2 +7.8, 20 15 20.8 +0.6, 20 15 29.0, 20 15 21.6 +1.4, 20 15 18.7 -1.4, 20 15 18.0 -3.6, 20 15 37.9 -0.6, 20 15 42.0 +0.2, 20 15 44.9 +1.7, 20 15 55.8 +2.0, 20 16 02.4 -1.7, 20 16 39.5 +5.7, 20 16 37.3 +2.0, 20 16 56.9 -0.4, 20 17 05.2, 20 17 05.0 +0.4, 20 17 11.3 -3.8, 20 17 15.1 -4.2, 20 42 19.3, 20 17 21.7 +0.5, 20 18 45.6 +0.7, 20 50 50.6, 20 18 44.9 -0.1, 20 18 45.1 -1.0, 20 18 53.8 -1.0, 20 51 25.7, 20 19 02.9 -1.2, 20 19 12.6, 20 19 04.7 +0.5, 20 19 03.6 -0.5, 20 19 11.0 -0.3, 20 19 15.3 +0.3, 20 19 17.9 -1.4, 20 19 23.1, 20 19 19.1 -0.2, 20 19 17.9 -1.4, 20 19 23.1, 20 53 37.0, 20 19 49.9 +0.1, 20 19 54.1, 20 19 57.8 -2.2, 20 20 13.9, 20 20 03.5 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 20 19 57.8 -2.2, 20 20 13.9, 20 20 03.5 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 20 20 03.5 +1.7, 20 20 03.5 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 20 20 03.5 +1.7, 20 20 03.5 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 20 20 03.5 +1.7, 20 20 03.5 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 20 20 03.5 +1.7, 20 20 03.5 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 20 20 03.5 +1.7, 20 20 03.5 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 20 20 03.5 +1.7, 20 20 03.5 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 20 20 03.5 +1.7, 20 20 03.5 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 20 20 03.5 +1.7, 20 20 03.5 +1.7

Table with columns: ABKAR, Abkubak array, 80.26 321, P, LR, 20 20 10.4 -0.3, 20 17 07.56, 20 20 60.0 +1.4, 20 21 05.4 +0.9, 20 21 09.3 +1.0, 21 11 19.9, 20 21 05.4 +0.9, 20 21 09.3 +1.0, 20 27 09.8 -0.7, 20 27 09.8 -0.7, 20 27 35.2 -3.5

IDC 09 20:21:05.4, 2.1, 7.43S, 129.734E, h0km, mb3.5/1, mbmp3.3/3, ML3.3/2, Error ellipse: s-maj=108.4km, s-min=26.5km az=68.0, Epsilon Array 18.8, 25.5 PKP

ISC 09 20:21:12.8, 1.1, 5.73S, 129.9E, h150km, n9, s=2862/1, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SAUI, Saumlaki, 1.56 117, P, Pn, 20 21 41.4 +3.2, MTN, Manton Dam, 5.67 168, P, Pn, 20 22 38.6 +4.0, KJU, Kakadu, 5.95 155, P, Pn, 20 22 40.0 +1.6, SOEI, Mount Meron Arr, 6.09 246, P, Pn, 20 22 41.9 +1.4, 17m, 0.9s, KNRA, Kununurra, 8.43 187, P, Pn, 20 23 14.9 +2.5, 7.6m, 0.8s, FITZ, Fitzroy Crossi, 11.54 201, P, Pn, 20 23 56.3 +1.4, 0.6m, 1.7s, WRA, Warrungarra Arr, 13.32 162, Pn, Pn, 20 24 16.4 -2.8, 0.2m, 0.3s, baz=343, slow=11, SNR=11, WRA, Warrungarra Arr, 13.32 162, Pn, Sn, 20 26 45.0 -0.9, 0.8m, 0.3s, baz=333, slow=22, SNR=9.2, 0.3m, 0.3s, ASAR, Alice Springs, 16.75 167, Pn, Pn, 20 25 02.5 -1.6, 0.1m, 0.3s, baz=349, slow=9.7, SNR=2.5, ASAR, Alice Springs, 16.75 167, Pn, Sn, 20 28 08.0 -1.4, 0.1m, 0.3s, baz=349, slow=9.7, SNR=2.5, MKAR, Makanchi Array, 68.39 327, P, P, 20 32 07.8 -1.5, 0.4m, 0.5s, baz=111, slow=9.0, SNR=4.3, 0.4m, 0.6s

IDC 09 20:21:09.1, 2.1, 2.48S, 130.30E, h0km, mb3.9/2, mbmp3.8/3, ML3.7/1, Error ellipse: s-maj=127.2km, s-min=25.9km az=71.0, DJA 09 20:21:02.0, 3.3, 3.3S, 131.1E, h10km, M3.8/10, mb4.3/1, MLV3.5/2

ISC 09 20:21:18.5, 1.1, 2.92S, 130.66E, h24km, n12, s=2861/1, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, FAKI, Fak Fak, 1.58 90, P, Op, 20 21 49.6 +2.5, FAKI, Fak Fak, 1.58 90, P, S, 20 22 11.1 +4.4, BNDI, Bandanaira, 1.77 205, P, S, 20 21 48.6 -1.7, MSAI, Masohi, 1.79 256, P, P, 20 21 53.9 +3.3, NAI, Ambon, 2.58 253, P, P, 20 22 05.0 +0.8, ALAI, Namlea, 3.57 265, P, P, 20 22 19.5 -1.6, RKPI, Ransiki, Papua, 3.78 68, P, P, 20 22 21.7 -2.8, RKPI, Ransiki, Papua, 3.78 68, P, S, 20 23 07.0 -2.9, LBMI, Labuha, 3.89 306, S, S, 20 22 25.3 +1.1, LBMI, Labuha, 3.89 306, S, S, 20 23 10.7 +3.9, SANI, Sanana, 4.75 280, P, P, 20 22 34.7 -6.4, TNTI, Ternate, 4.93 318, P, P, 20 22 47.3 +3.2, WRA, Warrungarra Arr, 17.30 168, P, P, 20 25 18.4 -0.2, 0.3m, 0.3s, baz=348, slow=1.1, SNR=4.9, 0.4m, 0.6s, ASAR, Alice Springs, 20.87 172, P, P, 20 25 58.2 -0.8, 4.4m, 0.9s, baz=348, slow=1.0, SNR=20, 4.4m, 0.9s, baz=348, slow=1.0, SNR=20, MKAR, Makanchi Array, 65.22 326, P, P, 20 31 48.9 -9.2, 1.0m, 0.6s, baz=123, slow=8.2, SNR=15, 1.0m, 0.6s

IDC 09 20:32:42.0, 1.6, 3.47S, 130.58E, h0km, mb3.5/2, mbmp3.5/4, ML3.4/2, Error ellipse: s-maj=67.2km, s-min=24.7km az=85.0, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SIJI, Sorong, 2.67 15, Pn, Pn, 20 33 25.1 -1.2, 2.8m, 0.3s, baz=60, slow=2.8, SNR=25, SIJI, Sorong, 2.67 15, Pn, Sn, 20 33 55.8 -3.8, 4.1m, 0.3s, baz=184, slow=18, SNR=4.6, 8.2m, 0.2s, WRA, Warrungarra Arr, 16.78 168, Pn, Pn, 20 36 37.3 -1.3, 0.2m, 0.3s, baz=346, slow=12, SNR=9.3, WRA, Warrungarra Arr, 16.78 168, Pn, Sn, 20 39 33.8 -1.2, 0.1m, 0.3s, baz=356, slow=24, SNR=2.7, 0.4m, 0.5s, ASAR, Alice Springs, 20.33 171, P, P, 20 37 20.3 +0.2, 1.4m, 0.4s, baz=350, slow=1.1, SNR=21, ASAR, Alice Springs, 20.33 171, P, S, 20 41 06.3 -2.7, 0.6m, 1.0s, baz=360, slow=28, SNR=3.2, 4.4m, 0.4s, MKAR, Makanchi Array, 65.63 326, P, P, 20 43 28.7 +0.7, 0.2m, 0.6s, baz=116, slow=8.3, SNR=3.8, 0.2m, 0.6s

MAN 09 20:44:43.3, 8.95N, 122.05E, h32km, mb4.6, ML3.5, MS3.3, IDC 09 20:44:49.6, 2.0, 8.15N, 122.95E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=335.0km s-min=28.9km az=67.0

ISC 09 20:44:40.7, 2.0, 8.89N, 122.09E, h4km, n13km, n16, s=272/4, mb3.7/3, 9C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, CNOP, Candoni, Negro, 1.08 30j, Op, P, 20 45 01.4 +0.1, CNOP, Candoni, Negro, 1.08 30j, Op, S, 20 45 14.8 -0.5, SNPH, Sibulan, 1.22 68j, P, S, 20 45 04.1 -0.2, SNPH, Sibulan, 1.22 68j, P, S, 20 45 20.2 -0.2, DCPH, Dipolog City, 1.29 104j, P, Pn, 20 45 04.0 -1.4, LSPJ, Lazi, Siquijor, 1.54 81j, P, Pn, 20 45 08.5 -0.4, LSPJ, Lazi, Siquijor, 1.54 81j, P, S, 20 45 28.6 -0.8, JBP, San Jose, Anti, 1.95 365j, P, P, 20 45 24.5 +8.4, TAP, Tagbilaran, 1.92 65j, P, Pn, 20 45 14.1 0.0, TBP, Tagbilaran, 1.92 65j, P, S, 20 45 37.8 -1.0, GHBP, Garcia Hernandez, 2.32 71j, P, Pn, 20 45 21.1 +1.4, GHBP, Garcia Hernandez, 2.32 71j, P, S, 20 45 48.6 +1.0, LLP, Lapu-Lapu, 2.33 52j, P, Pn, 20 45 20.2 +0.4, LLP, Lapu-Lapu, 2.33 52j, P, S, 20 45 27.9 -1.0, TABP, Talibon, Bohol, 2.51 62j, P, Pn, 20 45 23.2 +0.9, TABP, Talibon, Bohol, 2.51 62j, P, S, 20 45 53.1 -0.3, CGP, Cagayan de Oro, 2.61 99j, P, Pn, 20 45 24.7 +1.0, CGP, Cagayan de Oro, 2.61 99j, P, S, 20 45 52.3 -3.5, CTBH, Cotabato-PC H, 2.71 128j, P, Pn, 20 45 26.9 +2.0, RCP, Roxas, 2.73 14j, P, Pn, 20 45 28.6 +1.5, RCP, Roxas, 2.73 14j, P, S, 20 45 58.0 -0.7, PPR, Puerto Princes, 3.43 285j, P, Pn, 20 45 33.7 -1.1, PPR, Puerto Princes, 3.43 285j, P, S, 20 46 15.8 -0.2, WRA, Warrungarra Arr, 31.09 157, P, P, 20 51 00.8 +0.6, 0.2m, 0.5s, baz=335, slow=9.4, SNR=5.0, 0.2m, 0.5s, ASAR, Alice Springs, 34.36 161, P, P, 20 51 29.9 +1.1, 0.6m, 0.5s, baz=340, slow=7.4, SNR=19, 0.6m, 0.5s, ZALV, Zalesovo Beam, 53.94 334, P, P, 20 54 22.4 +1.7, 0.4m, 0.5s, baz=134, slow=6.2, SNR=1.9, 0.4m, 0.5s

SOME 09 20:47:30.4, 42.08N, 79.45E, h0km, NNC 09 20:47:30.7, 1.0, 41.99N, 79.45E, h14km, 8km, mb3.5, mpv3.0, Error ellipse: s-maj=8.0km s-min=5.3km az=174.0, KRNET 09 20:47:31.9, 0.1, 42.06N, 79.71E, h35km, mb2.2, ISC 09 20:47:30.3, 2.3, 41.96N, 79.67E, h0.08, h14km, n13km, n38, s=1920/50, 12C-4D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PRZ, Przeval'sk, 1.07 299j, P, Pn, 20 47 51.4 +0.3, 1eS, PRZ, Przeval'sk, 1.07 299j, P, S, 20 48 06.2 +1.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Bois d'Angland, SJPFF, CAF, LOR, EPF, SMF, MTLF, SFTF, BAIF, MEZF.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like GOLH, SUTC, ARG, DALY, SEYD, MERSIN, GULN, SEDI, TEVE, TURN, APMY, BRDR, KKBE, KAGE, DENIZLI, YER, DNIZ, KMER, KIZK, KZK, KZK, KZK, DOGA, KZIL, KERK, KDHN, MMA0B, GEM, MMLI, APE, HMDT, KZIOT, PRNI, KRMI, HRFI, MRFI, EIL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like RIM, WRHM, SDHH, SDHH, SDHH, PUH, PUH, PUH, KANH, STCH, STCH, STCH, NPOC, NPOC, MLH, MLH, MLH, JCUZ, JCUZ, JCUZ, HILPA, HILPA, HILPA, AIN, AIN, AIN, JOKA, JOKA, HTC, HMM, HMM, HMM, MLOA, MLOA, MWA, ALEP, ALP, KHU, KHU, KHU.

SOME 09 21:24:22.9, 37:63N, 71:40E, h0km, NNC 09 21:24:28.9, 35.3, 37:92N, 70:71E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=49.4km s-min=37.7km az=127.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like IUG, IUG, AML, AML, MRKS, MRKS, KK31, KK31, AB31, AB31.

ISC 09 21:24:28.2, 4.1, 36.6N, 03:70.8E, 0.2, h100km, n5, 0.9567, 1C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DOGA, KZIL, KERK, KDHN, MMA0B, GEM, MMLI, APE, HMDT, KZIOT, PRNI, KRMI, HRFI, MRFI, EIL.

ISC 09 21:24:30.1, 17.0, 27.02N, 143:19E, h0km, mb3.5/3, mbtmp3.6/4, ML3.0/1, MS2.8/1, Error ellipse: s-maj=427.1km s-min=93.6km az=92.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like POHA, POHA, KHLU, KHLU, KHLU, MHA, MHA, MHA, HLU, HLU, HLU, KRVT, KRVT, KRVT, PMG, PMG, PMG, WRA, WRA, WRA, DZM, DZM, DZM, ASAR, ASAR, ASAR, STKA, SONM, MKAR, ILAR, NVAR, TORD.

DDA 09 21:37:31.7, 0.0, 35:22N, 30:84E, h7km, 2km, ML2.8, ISK 09 21:37:32.3, 35:03N, 30:78E, h64km, ML2.1/16

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like AKMS, AKMS, AKMS, AKMS, AKMS, ALFC, ALFC, ALFC, ALFC, NATA, NATA, NATA, NATA, NATA, AKAS, OSCI, OSCI, GAZI, GAZI, GAZI, TROD, TROD, LEF, LEF, LEF, LEF, SZAC, SZAC, SZAC, SZAC, SZAC, AKDN, ELL, KEFZ, KEFZ, KORT, KORT, ASGA, ASGA, ASGA, ASGA, ASGA, CSS, CSS, CSS, CSS, FETY, FETY, FETY, TEKE, TEKE, CAME, MVOU, HDMB, BERE, BERE.

HVO 09 22:01:02.1, 0.5, 19:4N, 0.1:155:23W, 0:07, h31km, 3km, ML2.5/20, ML2.7/50(NEIC), Error ellipse: s-maj=17.7km s-min=7.9km az=202.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like MJAR, KLR, SONM, MKAR, KURBB, SIJU, SIJU, SIJU, WRA, WRA, ASAR, ASAR, MKAR, HATHI, HATHI, SBLH, SBLH, SBLH, BYL, BYL, BYL, UWB, UWB, UWB, UWB, RSD, RSD, RSD, OBL, OBL, OBL, OBL, KKO, KKO, KKO, KKO, KKO, UWE, UWE, UWE, UWE.

ISC 09 22:14:27.8, 1.6, 5:89S, 151:02E, h61km, 13km, mb3.4/6, mbtmp3.7/7, MS3.3/2, Error ellipse: s-maj=50.9km s-min=9.5km az=128.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KRVT, KRVT, KRVT, PMG, PMG, PMG, WRA, WRA, WRA, DZM, DZM, DZM, ASAR, ASAR, ASAR, STKA, SONM, MKAR, ILAR, NVAR, TORD.

NEIC 09 22:01:02.0, 4.1, 19:4N, 0:16:55:3W, 0:4, h33km, 14km, Error ellipse: s-maj=107.8km s-min=10.4km az=211.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like AKDN, ELL, KEFZ, KEFZ, KORT, KORT, ASGA, ASGA, ASGA, ASGA, ASGA, CSS, CSS, CSS, CSS, FETY, FETY, FETY, TEKE, TEKE, CAME, MVOU, HDMB, BERE, BERE.

FUNV 09 22:58:27.7, 7:57N, 72:33W, h4km, MW3.4, RSN 09 22:58:31.7, 1.0, 7:48N, 72:37W, h0km, 6km, ML2.4, ISC 09 22:58:27.7, 1.3, 7:63N, 0:03:72:28W, 0:03, h4km, 10km, n22, 0210/40, 1C-2D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like HATHI, HATHI, SBLH, SBLH, SBLH, BYL, BYL, BYL, UWB, UWB, UWB, UWB, RSD, RSD, RSD, OBL, OBL, OBL, OBL, KKO, KKO, KKO, KKO, KKO, UWE, UWE, UWE, UWE.

ISC 09 22:58:27.7, 1.3, 7:63N, 0:03:72:28W, 0:03, h4km, 10km, n22, 0210/40, 1C-2D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like CAPV, CAPV, PAMC, PAMC, PAMC, TAMC, TAMC, TAMC, BARC, BARC, BARC, BRRC, BRRC, BRRC, SOCV, SOCV, RUSC, RUSC, RUSC, MCOV, MCOV, PTBC, PTBC, PTBC.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like Anthony NE Sta, Caldwell West, Argonia South, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like Yellville, U40A, N35A, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like Masohi, SIJI, Sorong, etc.

IDC 09 23:57:27.0:1.1, 29:18S:61:25E, h0km, mb4.2/10, mbmp4.2/11, ML4.7/1, MS3.6/27, Error ellipse: s-maj=42.7km s-min=20.9km az=26.0

NEIC 09 23:57:28.6:1.1, 29:1S:0:1:6:1E:0:1, h10km, 1km, mb4.6/38, Error ellipse: s-maj=19.5km s-min=14.0km az=221.0

ISC 09 23:57:28.2:0.6, 29:1S:0:1:6:1E:0:08, h10km, n93, c081/65, mb4.5/27, MS3.6/28, Southwest Indian Ridge

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like Riviere de l'E, Voi, etc.

Table with columns for station name, elevation, and various data points. Includes stations like BOYA Sinop/Boyabat, CICEK DAG Cicekdag, CUAYA Sivas-Altinyay, etc.

Table with columns for station name, elevation, and various data points. Includes stations like SIM FINESS Array B, KVAR Kislovodsk Arr, KBZ Khabaz, etc.

Table with columns for station name, elevation, and various data points. Includes stations like PMR Palmer, SVW2 Sparrevohrn, SVW2 Knik Glacier, etc.

Table with columns: ILAR, S, Sn, 02 24 19.5 -2.9, etc. Includes stations like Eielson Array, Chitina Glacier, CTGM, etc.

IDC 10 02:23:03.9-0.9, 43.99N:145.13E, h0km, mb3.4/9, mbtmp3.5/11, ML2.6/1, MS2.9/1, Error ellipse: s-maj=28.2km s-min=19.9km az=130.0

MOS 10 02:23:04.7-0.8, 43.94N:145.06E, h17km, mb4.2/1, Error ellipse: s-maj=14.6km s-min=11.5km az=70.8

JMA 10 02:23:05.4-0.1, 44.0N:0.3-145.0E:0.4, h6km, 2km, MV3.4/20, SHIPRETOKO PENINSULA REG

JMA Feat III/JI at SHIPRETOKO PENINSULA REG, SKHL 10 02:23:05.2-0.1, 44.00N:145.00E, h17km, 3km, mb4.6/3

ISC 10 02:23:05.5-0.8, 43.96N:0.03-145.08E:0.03, h13km, 4km, n36, r123/44, mb3.5/9, 6D, Hokkaido region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like JRA, RUSJ, NJSB, etc.

Table with columns: MKAR, YKA, FINES, WRA, ASAR, NVAR, TXAR, etc. Includes stations like Makanchi Array, Yellowknife Arr, etc.

DDA 10 02:27:17.7-0.0, 36.94N:28.73E, h7km, 4km, ML2.1, ISK 10 02:27:17.9, 36.92N:28.76E, h6km, ML2.2/13

ISC 10 02:27:18.5-0.8, 36.93N:0.02-28.74E:0.02, h10km, n27, r130/44, Dodecanese Islands

Main station list table for the second section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like DALY, FETY, YER, etc.

NORS 10 02:50:22.9-0.0, 43.13N:46.33E, h5km, MPVA3.5, MOS 10 02:50:24.0-0.0, 43.16N:46.32E, h12km, MPVA3.3

DRS 10 02:50:24.0-0.0, 43.27N:46.28E, h18km, TIF 10 02:50:24.6, 43.14N:46.23E, h11km, 2km

ISC 10 02:50:24.7-1.0, 43.15N:0.03-46.31E:0.02, h15km, 7km, n38, r090/75, Eastern Caucasus

Main station list table for the third section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like DVE, DLMR, GROC, etc.

Table with columns: ZEJ, ZEI, ZLNI, etc. Includes stations like Tsey, Lesken, Digorskoje uzhe, etc.

IDC 10 05:20:11.3, 77.5S:115.80E, h0km, mb3.5/5, mbtmp3.5/5, Error ellipse: s-maj=62.9km s-min=21.8km az=61.0, Bail Sea

Table with columns: WRA, ASAR, NWAQ, SONM, MKAR, etc. Includes stations like Warramunga Arr, Alice Springs, etc.

IDC 10 03:09:47.4-0.9, 43.62N:84.05E, h0km, mb3.7/10, mbtmp3.7/17, ML3.3/6, MS2.7/2, Error ellipse: s-maj=18.1km s-min=11.1km az=65.0

NINC 10 03:09:51.5-1.6, 43.69N:83.76E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=14.7km s-min=6.4km az=129.0

SCBE 10 03:09:53.6, 43.70N:83.72E, h10km, ISK 10 03:09:49.3-0.8, 43.63N:0.05-83.91E:0.05, h10km, n62, r29/274, mb3.6/9, 20C-13D, Northern Xinjiang

Main station list table for the fourth section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like DJR, PDGK, SHLS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, and various numerical values. Includes stations like CHKK, MDOK, MDOK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, and various numerical values. Includes stations like SAUI, BNDI, AAI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, and various numerical values. Includes stations like WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, and various numerical values. Includes stations like SJUI, SWI, AAI, etc.

Summary text at the bottom of the page containing various codes and station names, including 'IDC 10 03:21:57.8.4.3, 7.29S; 128.82E, h128km, 43km, mb3.8/3, mbmp4.6/7, MS2.5/2, Error ellipse: s-maj=57.3km'.

2017 MAR

10d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Rantau Prapat, GSI, CRAI, CMAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Coronel Fontan, ZON, GO04, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJA, MW3, NEIC, etc.

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

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations.

Table listing stations like TMZ, ODZ, ODZ, ODZ, JZC, JZC, JZC, JZC, AWAZ with their respective frequencies and power levels.

JMA 10 05:24:49.5.0.3, 39.9N:076.14.3E, h16km, mbmp2.5/2, M2.0, Error ellipse: s-maj=19.4km s-min=17.3km

NIED 10 05:24:49.5.0.3, 39.94N:143.24E, h16km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm

BUI 10 05:24:49.5.0.0, 39.78N:143.08E, h21km, mb4.6/54, mB4.7/29, Ms4.2/34, Ms7.4/1.36

NEIC 10 05:24:52.9.1.1, 39.86N:105.143.08E:0.09, h24km, 5km, mb4.7/55, Mw4.4/18, Error ellipse: s-maj=10.4km

IDC 10 05:24:53.0.7, 39.84N:143.12E, h34km, 4km, mb4.2/30, mbmp4.4/36, ML3.7/6, MS3.8/39 Error ellipse:

USAR08 USSuriysk Arra 9.34 301 P Pn 05 27 05.8 +0.5

IDC 10 04:32:58.8.2.0, 51.54N:82.55E, h0km, mbmp2.5/2, M2.0, Error ellipse: s-maj=19.4km s-min=17.3km

ISC 10 04:33:03.2.1.8, 51.59N:108.82.9E:0.1, h35km, n6, n028/5.4D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like ZALV, ZALV, I46RU, etc.

IDC 10 05:06:57.2.13.0, 29.73S:62.60E, h0km, mb3.5/2, mbmp3.5/2, Error ellipse: s-maj=814.3km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like H08S1, H08S2, etc.

WEL 10 05:07:20.0.0.5, 42.3S:17.4E, h14km, 4km, M3.3/15, ML3.6/15, MLV3.3/15, Error ellipse: s-maj=0.0km

ISC 10 05:07:18.7.1.1, 41.88S:103.374.30E:0.03, h13km, 8km, n75, c091/83, Cook Strait

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for numerous stations including Cape Campbell, Blackbirch Sta, etc.

USAR08 USSuriysk Arra 9.34 301 P Pn 05 27 05.8 +0.5

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like Tanohata, Tanohata, MIYJ, etc.

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like MAJO, MAJO, MAJO, MAJO, MAJO, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like Nanjing, Hongshan, Yakutsk, Seymchan, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like Zalesovo Array, ZALV, NRIK, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like Ala-Archa, Piuthan, Erkin-Say, etc.

10d 5h

Table of astronomical observations for 10d 5h, listing station names, codes, and various parameters like comp, Z, and SNR.

2017 MAR

Main table of astronomical observations for 2017 MAR, listing station names, codes, and various parameters like comp, Z, and SNR.

528

Table of astronomical observations for 528, listing station names, codes, and various parameters like comp, Z, and SNR.

WEL 10 05:25:00, 41.76S; 174.20E, h15km, ML4.1, Mw3.9, Moment Tensor Solution...
Mw: 5.16; Ms: 7.83; Mw: 6.11; Ms: 0.23; Fault plane solution: M0: 9.44000e+14 N P1: 0.339, 0.00000, 0.72, 0.00000, 1.14, 0.00000...
IDC 10 05:25:53.1, 9.4171S; 174.20E, h0km, mb3.5/2, mbmp3.6/4, ML3.5/2, MS3.1/2 Error ellipse: s-maj=45.6km s-min=32.1km az=138.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h, s, ISC, listing various station observations.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h, s, ISC, listing various station observations.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like SFIN, FCAR, P43A, NATX, CCM, MIAR, HDIL, PAYG, L44A, GLMI, LPAZ, 435B, WHTX, TUL1, JCT, BDFB, WMOK, ABTX, KSU1, SCHO, CBKS, BGNE, AMTX, ECSD, ECSD, TXAR, TXAR, MSTX, LVC, KSCO, MNXT, T25A, ULM, SDCO, SDCO, BNM, ANMO, Q24A, GO02, 121A, ISCO, S22A, RPSD, CUPJ, DUN6, K22A, PV03, PV03, PV14, PV14, TUC, WUAZ, PDAR, PDAR, PDAR, TMUT, FCC, 214A, RLMT, MVU, MVU, MOOW, SPUT, SPUT, DUG, PDMCI, QLMT, BOZ, IRM, BC3, VTX, GMRC, YUH, YUH, IKP, BELC, TUQ, R11A, MONP2.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like TPFO, HEC, HLID, CBX, TPNV, TPNV, TPNV, BBRC, GSC, WCT, WCT, QSM, QSM, FURC, MURC, BFSC, MPMC, GRAC, GRAC, GRAC, LRMC, LCH, EDW2, CWC, KVN, NVAR, NVAR, OMMB, OMMB, SCZ2, NEW, H10N3, H10N2, H10N1, YKA, YKA, DBIC, PLCA, KOTAN, TORO, DLBO, P33M, A36M, FARO, M31M, M31M, N31M, INK, M30M, HYT, EPYK, K29M, L29M, M29M, YUK4, DAWY, YUK8, BVCV, CTG, EGAK, BCAR, H27K, L27K, I27K, M27K, G27K, K27K, E27K, M26K, MCARA, I26K, L26K, L26K, J26K, G26K, C27K, F26K, N25K, RIDG, E25K, PRP, F25K.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like PAX, K24K, D25K, KLU, ILAR, ILAR, ILAR, HDA, G24K, POKR, F24K, SCM, H24K, E24K, C24K, D24K, SML, NEA2, H23K, H23K, G23K, COLD, PMR, D23K, ARCES, TRF, MLY, MLY, CUT, BPAW, F22K, SKT, CAST, H21K, CHUM, F21K, FINES, FINES, G21K, SPCR, M20K, K20K, L20K, P19K, M19K, Q19K, L19K, O19K, P16K, R16K, TNA, PZ4, ASAR.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like HWA, HWA, TEYL, TEYL, TWY, TWY, TWD, TWD, ETL, ETL, NACB, NACB, NACB, ETM, ETM, EHP, EHP, TEGC, TEGC, ESL, ESL, ETSL, ETSL, ETLH, ETLH.

Technical notes and coordinates: IDC 10 06:03:16.6:3.1, 23:95N:122:00E, h47km, 32km, mb3.3/9, mtmbp3.710, ML3.8/1, MS2.5/4, Error ellipse: m-maj=20.9km s-min=18.0km az=84.0 NIED 10 06:03:16.5:23:87N:121:80E, h52km, MW4.0, Moment Tensor Solution, s2, Moment tensor: Scale 10^14N/m; M=4.6; M=1.48; M=0.94; M=0.13; M=0.35; M=1.7; Fault plane solution: M=9.88000x10^14 NP1=11.00000, 850.00000, 1.83.00000. NP2=202.00000, 840.00000, 1.99.00000. JMA 10 06:03:16.5:0.2:23:9N:1.0:121:8E:0.7, h52km, 1km, MV4.3/15, TAIWAN REGION TAP 10 06:03:18.1:24:02N:121:77E, h52km, ML4.4, B ISC 10 06:03:17.4:0.7:23:97N:0.02:121:86E:0.02, h50km, 4km, 1197.01950/358, mb3.5/9, 16C-39D, Taiwan

531			2017 MAR			10d 6h								
EOS4	EOS4	0.45 70 i P	Pn	06 03 28.7 +1.0	TIPB	baz=202 Shuangxi	1.00 358 i P	Pn	06 03 36.4 +1.3	WDLH	baz=254	e S	Sn	06 03 56.3 +2.3
EOS4	baz=78	i S	Sn	06 03 36.6 +1.6	TIPB	baz=3.0	e P	Sn	06 03 49.3 +1.1	YM08	YM08	1.24 349 e P	Pn	06 03 38.6 +0.2
ENA	baz=78	0.47 347 i P	Pn	06 03 28.6 +0.3	EHD	Haiduan	1.01 216 i e P	Pn	06 03 34.6 -0.7	YM08	baz=352	e S	Sn	06 03 54.0 -0.0
ENA	baz=357	S	Sn	06 03 36.5 +0.4	EHD	baz=211	e S	Sn	06 03 47.2 -1.2	NWRT	Kuosheng	1.24 352 e P	Pn	06 03 40.2 +1.8
EWUT	Wuta	0.48 351 i P	Pn	06 03 28.8 +0.4	LIOB	Emei	1.02 312 i P	Pn	06 03 36.8 +1.3	NWRT	baz=355	e S	Sn	06 03 54.3 +0.2
EWUT	Guangfu	0.49 233 i P	Pn	06 03 36.9 +0.5	LIOB	baz=312	e S	Sn	06 03 50.5 +1.7	NTST	Danshui	1.25 343 e P	Pn	06 03 39.9 +0.9
EGFH	baz=222	S	Sn	06 03 36.6 +0.1	NSTT	baz=312	e S	Sn	06 03 36.8 +1.4	LONT	Lonlian	1.25 212 e P	Pn	06 03 37.9 -0.6
EOS2	EOS2	0.56 37 i P	Pn	06 03 30.8 +1.5	NSTT	Nanliang	1.02 310 i e P	Pn	06 03 50.0 +1.3	LONT	baz=208	e S	Sn	06 03 53.2 -1.0
EOS2	baz=46	S	Sn	06 03 40.8 +3.0	NHHD	baz=311	e S	Pn	06 03 36.5 +0.9	ANP	baz=208	e P	Pn	06 03 38.7 +0.1
WHF	Heluhan Shan	0.57 288 i P	Pn	06 03 29.9 0.0	NHHD	Xindian Distri	1.04 343 e P	Pn	06 03 49.9 +0.8	WCKO	Anpu	1.26 246 e P	Pn	06 03 40.0 +1.3
WHF	baz=285	S	Sn	06 03 38.9 0.0	NHHD	baz=346	e S	Sn	06 03 37.5 +1.9	WCKO	baz=349	e P	Pn	06 03 56.2 +1.7
HGSD	baz=285	0.62 220 i P	Pn	06 03 30.4 +0.3	NJD	Zhudong	1.04 318 e P	Pn	06 03 51.3 +2.2	NHW	Xinwu Township	1.27 325 e P	Pn	06 03 39.7 +0.9
HGSD	Ruisui	e S	Sn	06 03 40.6 +1.4	NJD	baz=319	e S	Pn	06 03 36.5 +0.9	NHW	baz=326	e S	Sn	06 03 55.5 +0.7
OWD	Renai	0.62 269 e P	Pn	06 03 30.5 +0.2	TWA	Mucha	1.04 346 e P	Pn	06 03 50.4 +1.2	STYT	Tauyuan	1.29 232 e P	Pn	06 03 40.4 +1.3
OWD	baz=263	e S	Sn	06 03 39.1 -0.5	TWA	baz=350	e S	Sn	06 03 36.6 +0.9	STYT	baz=227	e S	Sn	06 03 56.7 +1.5
CHGB	Renai	0.63 279 i P	Pn	06 03 30.9 +0.4	TWB1	Santiao Chiao	1.04 7 i P	Pn	06 03 50.3 +1.1	TPUB	Ta-pu	1.31 240 P	Pn	06 03 41.0 +1.7
CHGB	baz=274	S	Sn	06 03 40.0 +0.1	TWB1	baz=12	e P	Pn	06 03 37.1 +1.4	TPUB	Ta-pu	1.31 240 e P	Pn	06 03 40.6 +1.3
NNSB	Datong	0.63 317 i P	Pn	06 03 30.7 +0.3	WJS	Zhushan	1.04 262 i e P	Pn	06 03 51.5 +2.3	TPUB	baz=236	e S	Sn	06 03 57.4 +1.7
NNSB	baz=319	e S	Sn	06 03 39.9 +0.1	ECS	baz=258	e S	Sn	06 03 36.8 +1.0	CHN4	Tsaushan	1.31 242 e P	Pn	06 03 40.8 +1.4
NNSH	Datong	0.63 317 i P	Pn	06 03 30.6 +0.2	ECS	Chishang	1.05 214 e P	Pn	06 03 49.8 +0.5	CHN4	baz=238	e S	Sn	06 03 58.8 +3.1
NNSH	baz=319	e S	Sn	06 03 39.8 0.0	ECS	baz=209	e S	Sn	06 03 37.5 +1.6	TWY	Chentua	1.32 350 e P	Pn	06 03 38.9 -0.6
TWC	Suao	0.64 359 i P	Pn	06 03 31.1 +0.8	TATO	Taipei	1.06 342 P	Pn	06 03 36.7 +0.8	LDUT	Ludao	1.34 196 P	Pn	06 03 38.8 -0.8
TWC	baz=8.0	e S	Sn	06 03 40.9 +1.2	TATO	baz=345	e S	Sn	06 03 50.3 +0.7	LDUT	baz=192	e S	Sn	06 03 54.9 -1.4
LATG	Datong	0.64 332 i P	Pn	06 03 30.7 +0.2	TWQ1	Liyutan	1.06 291 i e P	Pn	06 03 37.1 +1.1	CHN2	Minshiang	1.34 251 e P	Pn	06 03 41.7 +2.1
LATG	baz=336	S	Sn	06 03 40.1 +0.1	TWQ1	baz=290	e S	Sn	06 03 51.6 +2.0	CHN2	baz=248	e S	Sn	06 03 59.9 +3.5
NNS	Nan Shan	0.65 317 i P	Pn	06 03 30.8 +0.3	WWF	Wufeng	1.06 274 i e P	Pn	06 03 37.9 +2.0	WTP	Ta-pu	1.35 238 i e P	Pn	06 03 41.3 +1.4
NNS	baz=319	e S	Sn	06 03 40.4 +0.3	WWF	baz=271	e S	Sn	06 03 52.0 +2.4	TWGT	Beinan	1.35 212 P	Pn	06 03 39.7 -0.2
EHY	Hungye	0.67 227 i P	Pn	06 03 30.5 -0.3	ALS	Alisshan	1.07 245 i e P	Pn	06 03 37.2 +0.9	TWGT	Beinan	1.35 212 e P	Pn	06 03 39.2 -0.7
EHY	baz=218	e S	Sn	06 03 39.8 -0.6	ALS	baz=240	e S	Sn	06 03 50.8 +0.6	TWGBT	baz=208	e S	Sn	06 03 54.9 -1.7
NDS	Dongshan	0.68 349 e P	Pn	06 03 31.4 +0.6	WNT	baz=240	e P	Pn	06 03 37.8 +1.7	TWGT	baz=208	e S	Sn	06 03 39.0 -0.9
NDS	baz=355	e S	Sn	06 03 41.6 +1.0	WNT	Mingjian	1.08 265 e P	Pn	06 03 52.4 +2.4	TWG	Pinlang	1.35 212 e P	Pn	06 03 54.9 -1.8
WUSB	Renai	0.68 272 i P	Pn	06 03 31.5 +0.5	WNT1	Nantou City	1.08 267 e P	Pn	06 03 38.1 +2.0	WRL	Guolierlin Hig	1.35 268 i e P	Pn	06 03 41.0 +1.1
WUSB	baz=267	e S	Sn	06 03 40.7 0.0	WNT1	baz=264	e S	Sn	06 03 53.0 +2.9	WRL	baz=265	e S	Sn	06 03 59.2 +2.4
TWT	Tachien	0.68 295 i P	Pn	06 03 31.9 +0.8	ELDTW	Lidau	1.09 225 e P	Pn	06 03 36.4 -0.1	TTN	Taitung	1.37 209 e P	Pn	06 03 40.6 +0.4
TWT	baz=292	e S	Sn	06 03 41.6 +0.5	ELDTW	baz=220	e S	Sn	06 03 49.9 -0.7	TTN	baz=204	e S	Sn	06 03 58.3 +1.1
VWDT	VWDT	0.69 252 i P	Pn	06 03 31.5 +0.6	TCU	Taichung	1.09 280 i e P	Pn	06 03 37.9 +1.5	WTK	Tuku	1.37 259 e P	Pn	06 03 41.7 +1.5
VWDT	baz=246	S	Sn	06 03 41.1 +0.3	TCU	baz=277	e S	Sn	06 03 52.9 +2.4	WTK	baz=255	e S	Sn	06 03 58.9 +1.7
TDCB	Techi	0.70 294 i P	Pn	06 03 31.9 +0.6	NSY	Sanyi	1.10 294 i e P	Pn	06 03 37.7 +1.3	CHY	Chiayi	1.39 251 e P	Pn	06 03 42.0 +1.5
TDCB	baz=292	e S	Sn	06 03 41.4 +0.1	NSY	baz=293	e S	Sn	06 03 53.7 +3.2	CHY	baz=247	e S	Sn	06 03 59.8 +2.0
ENTT	Nioudou	0.72 338 i P	Pn	06 03 31.9 +0.5	NHY	Taipei	1.10 346 e P	Pn	06 03 37.4 +1.0	TWK	Hsiinying	1.44 241 e P	Pn	06 03 42.4 +1.3
ENTT	baz=343	e S	Sn	06 03 42.3 +0.7	NWF	Wu-fen Shan	1.10 356 e P	Pn	06 03 38.0 +1.4	TWK	baz=237	e S	Sn	06 04 01.1 +2.2
ECBN	Changbin	0.75 210 e P	Pn	06 03 32.2 +0.4	NWF	baz=322	e S	Sn	06 03 52.5 +1.7	TWCT	Ta-cheng	1.45 266 e P	Pn	06 03 42.3 +1.2
ECBN	baz=203	e S	Sn	06 03 42.9 +0.8	WFSB	Wu-fen Shan	1.10 356 e P	Pn	06 03 37.9 +1.4	TWCT	baz=263	e S	Sn	06 04 01.9 +2.9
YULB	Yu-li	0.77 222 P	Pn	06 03 32.0 -0.1	JYNG	Yonagunijimaku	1.10 64 i P	Pn	06 03 52.5 +1.9	CHN1	Nanshi	1.45 238 e P	Pn	06 03 42.6 +1.2
YULB	Yu-li	0.77 222 P	Pn	06 03 31.8 -0.3	JYNG	baz=347	e S	Sn	06 03 37.5 +1.0	CHN1	baz=234	e S	Sn	06 04 01.3 +2.2
YULB	baz=215	e S	Sn	06 03 41.9 -0.8	TAP1	Taipei	1.11 344 e P	Pn	06 03 38.8 +2.2	CHN1	baz=234	e S	Sn	06 04 01.3 +2.2
TWE	Neicheng	0.77 347 i P	Pn	06 03 32.8 +0.8	HSN1	Hsinchu	1.11 317 e P	Pn	06 03 38.1 +1.4	SNST	Tainan City	1.45 239 e P	Pn	06 03 43.9 +2.7
TWE	baz=353	e S	Sn	06 03 43.6 +0.9	EDH	baz=318	e P	Pn	06 03 36.3 -0.3	SNST	baz=236	e S	Sn	06 04 03.5 +4.3
EYUL	Yuli	0.79 219 e P	Pn	06 03 32.4 0.0	EDH	baz=203	e S	Sn	06 03 50.3 -0.6	SGST	Jiashian	1.46 233 e P	Pn	06 03 42.2 +0.8
EYUL	baz=212	e S	Sn	06 03 43.3 +0.1	TAP	Taipei	1.11 343 e P	Pn	06 03 38.1 +1.4	SGST	baz=229	e S	Sn	06 04 01.5 +2.0
TWF1	Yuli	0.80 220 e P	Pn	06 03 32.3 -0.2	TAP	baz=347	e S	Sn	06 03 52.0 +1.1	SLGT	Lugui	1.48 229 e P	Pn	06 03 44.4 +2.8
TWF1	baz=213	e S	Sn	06 03 43.1 -0.3	SX11	Grass Mountain	1.12 11 e P	Pn	06 03 37.9 +1.1	SLGT	baz=225	e S	Sn	06 04 03.2 +3.5
ILA	Ilan	0.80 353 e P	Pn	06 03 33.4 +0.9	SX11	baz=5.0	e S	Sn	06 03 52.7 +1.4	WMLT	Maitiao	1.50 264 e P	Pn	06 03 43.6 +1.7
ILA	baz=359	e S	Sn	06 03 45.2 +1.8	NMLH	Miaoli	1.13 300 e P	Pn	06 03 38.0 +1.1	WMLT	baz=261	e S	Sn	06 04 03.2 +2.8
WPL	Puli Township	0.82 273 e P	Pn	06 03 33.4 +0.6	NMLH	baz=300	e S	Sn	06 03 53.6 +2.3	WSF	Szhu	1.53 258 e P	Pn	06 03 44.0 +1.7
WPL	baz=270	e S	Sn	06 03 45.0 +1.0	SBCB	Hsinchu	1.14 316 e P	Pn	06 03 38.2 +1.1	WSF	baz=255	e S	Sn	06 04 04.1 +3.0
YHNB	Yeheng	0.82 328 P	Pn	06 03 33.5 +0.6	SBCB	baz=317	e S	Sn	06 03 54.1 +2.5	WSL	Shulin Townsh	1.56 254 e P	Pn	06 03 43.9 +1.2
YHNB	Yeheng	0.82 328 P	Pn	06 03 33.4 +0.6	NTY	Taoyuan	1.15 334 e P	Pn	06 03 38.4 +1.3	WSL	baz=251	e S	Sn	06 04 03.4 +1.7
YHNB	baz=331	e S	Sn	06 03 44.0 -0.1	NTY	baz=336	e S	Sn	06 03 52.8 +1.1	ICHU	Yijhu	1.57 248 e P	Pn	06 03 44.5 +1.7
FUSB	Fushanzhiwuyua	0.83 343 i P	Pn	06 03 33.5 +0.6	NJN	Zhunan	1.15 309 e P	Pn	06 03 38.5 +1.4	ECL	Tainai	1.60 212 e P	Pn	06 03 42.6 -0.7
FUSB	baz=347	S	Sn	06 03 44.6 +0.4	NJN	baz=309	e S	Sn	06 03 53.8 +2.0	ECL	baz=208	e S	Sn	06 04 02.1 -0.6
NSK	Sanguang	0.84 327 i P	Pn	06 03 33.5 +0.5	NSK	Hsinchu	1.16 316 e P	Pn	06 03 38.4 +1.1	CHN8	Yiju	1.63 248 e P	Pn	06 03 45.0 +1.3
NSK	baz=330	e S	Sn	06 03 44.4 -0.1	NSK	baz=319	e S	Sn	06 03 54.1 +2.0	CHN8	baz=245	e S	Sn	06 04 05.7 +2.2
SSLB	Suanguang	0.85 258 P	Pn	06 03 33.5 +0.4	YOJ	Yonaguni jima	1.16 65 P	Pn	06 03 38.3 +1.0	CHN3	Shinhua	1.63 237 e P	Pn	06 03 45.6 +1.9
SSLB	Suanguang	0.85 258 P	Pn	06 03 33.5 +0.4	YOJ	Yonaguni jima	1.16 65 P	Pn	06 03 38.3 +1.0	CHN3	baz=234	e S	Sn	06 04 07.7 +4.1
SSLB	baz=253	e S	Sn	06 03 44.7 +0.1	YOJ	Yonaguni jima	1.16 65 i P	Pn	06 03 53.1 +1.0	SCST	Cishan	1.65 230 e P	Pn	06 03 46.2 +2.2
DPDB	Guoxing	0.85 275 i P	Pn	06 03 34.0 +0.7	YOJ	baz=68	e S	Sn	06 03 53.5 +1.4	SCST	baz=226	e S	Sn	06 04 07.1 +3.1
DPDB	baz=271	e S	Sn	06 03 46.2 +1.4	WYL	Yuanlin Townsh	1.17 270 e P	Pn	06 03 39.3 +1.9	SSD	Sandimen	1.66 223 e P	Pn	06 03 45.7 +1.6
NWLT	Wulai	0.87 338 i P	Pn	06 03 34.0 +0.6	WYL	baz=267	e P	Pn	06 03 55.4 +3.2	SSD	baz=219	e S	Sn	06 04 05.8 +1.6
NWLT	baz=342	e S	Sn	06 03 45.0 -0.1	NCUH	Zhongli	1.17 329 e P	Pn	06 03 38.2 +0.8	SSHA	Shanhua	1.		

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TAWH, LAY, SCZT, LYUB, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRVT, HNR, PMG, CTA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CTA, MSVF, WRA, ASAR, etc.

NEIC 10 06:15:13.7z-1.9,5.76S:0.08x153.97E:0.07,10km,1km, mb4.5/22. Error ellipse: s-maj=14.6km s-min=0.2km az=42.0

10d 6h

2017 MAR

Table with columns for call sign, location, frequency, mode, and status. Includes stations like BDFB Brasilia, SNDB Serra Nova Dou, VAS01 Vassouras-RJ, etc.

Table with columns for call sign, location, frequency, mode, and status. Includes stations like W50A Signal Mountain, W50A Signal Mountain, W50A Signal Mountain, etc.

Table with columns for call sign, location, frequency, mode, and status. Includes stations like OK052, FVM French Village, FVM French Village, etc.

Moment Tensor Solution. Mantle waves: s8,c12; Duration: 1s0. Moment tensor: Scale 10^19Nm; M1=0.18; A0=...

SFS 10 06:43:34.3, 43.25N, 1.55W, h21km, mB5, 0.9, mb4.7/23, ML5.0/25, ML5.2/22, ML5.1/25, Mw(mb)4.3/9...

LDG 10 06:43:34.1, 0.1, 42.91N, 1.65W, h12km, Md4.4/6, M4.6/74, Error ellipse: s-maj=1.9km s-min=1.3km az=130.0...

BGS 10 06:43:36.4, 1.3, 43.02N, 1.66W, h10km, MkL.3, ML4.3, Error ellipse: s-maj=2.7km s-min=2.3km az=126.0...

INMG 10 06:43:36.7, 2.6, 42.92N, 1.55W, h15km, MkL.3, Error ellipse: s-maj=1.0km s-min=0.8km az=135.0...

MDD 10 06:43:37.7, 42.85N, 1.57W, h12km, mb_Lgd.4/38, Error ellipse: s-maj=1.0km s-min=0.8km az=135.0...

IGIL 10 06:43:37.7, 42.85N, 1.61W, h1km

ISC 10 06:43:33.4, 0.9, 42.93N, 0.02, 1.65W, 0.02, h2km, 5km, n532, z246/859, mb4.2/36, MS3.4/6, 20C-36P, Pyrenees

Table with columns: Code, Station Name, Az, Phase, Op, ISC, h, m, s, ISC, Res. Lists various seismic stations and their parameters.

Table with columns: Station Name, Az, Phase, Op, ISC, h, m, s, ISC, Res. Lists various seismic stations and their parameters.

Table with columns: Station Name, Az, Phase, Op, ISC, h, m, s, ISC, Res. Lists various seismic stations and their parameters.

ENJU		Sg	Sg	06 46 43.9	-1.3				
ENJU		/Vmb_Lg		06 46 54.1					
LNR	La Mourre	5.98	83	eP	Pn	06 45 04.9	+1.9		
LNR			eSn	06 46 07.4	-4.7				
OG35	Corcales	6.03	56	Pn	Pn	06 45 04.0	+0.3		
GDM	Grand'Maison	6.04	65	Pn	Pn	06 45 05.0	+1.1		
PESTR	Estremoz	6.06	230	Pn	Pn	06 45 05.0	+0.9		
PESTR	Estremoz	6.06	230	P	P	06 45 05.4	+1.3		
PESTR	Estremoz	6.06	230	P	Pn	06 45 05.4	+1.3		
PESTR	Estremoz	6.06	230	S	Sn	06 45 05.0	+0.9		
PESTR	Estremoz	6.06	230	P	Sn	06 46 12.5	-1.6		
PESTR	Estremoz	6.06	230	Sg	Sg	06 46 44.0	-4.1		
PESTR	Estremoz	6.06	230	ePn	Pn	06 45 05.0	+0.9		
PESTR	Estremoz	6.06	230	eSn	Sn	06 46 12.9	-1.2		
PESTR	Estremoz	6.06	230	eSg	A	06 46 08.4	+0.3		
PESTR	Estremoz	6.06	230	A	A	06 46 05.3			
PLYF	Puligny Montr	6.06	46	Pn	Pn	06 45 04.6	+0.5		
PLYF				Sn	Sn	06 46 13.0	-1.0		
EBER	Berja	6.10	189	P	Sg	06 45 07.9	+2.9		
EBER	Berja	6.10	189	Pn	Pn	06 46 47.3	-2.2		
EBER	Berja	6.10	189	Pn	Pn	06 45 07.8	+2.9		
EBER	Berja	6.10	189	Sn	Sn	06 46 16.4	+1.0		
EBER	Berja	6.10	189	Sg	Sg	06 46 49.0	-0.5		
EGOR	Sierra Gorda,	6.12	199	P	Pn	06 45 06.0	+1.1		
EGOR	Sierra Gorda,	6.12	199	Pn	Pn	06 45 06.1	+1.1		
EGOR	Sierra Gorda,	6.12	199	Sn	Sn	06 46 17.7	+2.2		
EGOR	Sierra Gorda,	6.12	199	Sg	Sg	06 46 51.4	+1.5		
EGOR	Sierra Gorda,	6.12	199	/Vmb_Lg		06 47 00.7			
OCAS	Argentierte	6.13	73	Pn	Pn	06 45 08.2	+3.1		
CREF	Crivoux	6.21	72	Pn	Pn	06 45 08.0	+1.7		
ENAX	Enaux	6.24	76	Pn	Pn	06 45 08.1	+1.5		
ELGU	Los Guajares,	6.25	195	P	Sg	06 45 09.0	+2.3		
ELGU	Los Guajares,	6.25	195	Pn	Pn	06 46 51.0	-3.1		
ELGU	Los Guajares,	6.25	195	Pn	Pn	06 45 08.8	+2.1		
ELGU	Los Guajares,	6.25	195	Sn	Sn	06 46 19.9	+1.2		
ELGU	Los Guajares,	6.25	195	Sg	Sg	06 46 54.7	+0.7		
ELGU	Los Guajares,	6.25	195	/Vmb_Lg		06 47 03.6			
JSA	Saint Aubin	6.27	357	eP	Pn	06 45 07.4	+0.5		
JSA	Saint Aubin	6.27	357	IAML		06 46 19.8			
JSA	Saint Aubin	6.27	357	IAML		06 46 25.0			
JSA	Saint Aubin	6.27	357	Pn	Pn	06 45 07.4	+0.5		
JSA	Saint Aubin	6.27	357	Sn	Sn	06 46 15.2	-3.7		
JSA	Saint Aubin	6.27	357	Sg	Sg	06 45 59.9	-1.4		
JSA	Saint Aubin	6.27	357	Pn	Pn	06 45 07.3	+0.5		
JAE	Jausiers	6.27	73	Pn	Pn	06 45 08.8	+1.7		
QOE	Queens East	6.27	358	eP	Pn	06 45 07.5	+0.5		
PBAR	Barrancos	6.28	223	P	Sg	06 45 08.2	+1.1		
PBAR	Barrancos	6.28	223	S	Sn	06 46 18.5	-0.8		
PBAR	Barrancos	6.28	223	ePn	Pn	06 46 50.9	-4.3		
PBAR	Barrancos	6.28	223	eSn	Sn	06 45 08.4	+1.3		
PBAR	Barrancos	6.28	223	eSg	Sg	06 46 18.8	-0.6		
PBAR	Barrancos	6.28	223	A	A	06 46 50.0	-5.0		
PBAR	Barrancos	6.28	223	A	A	06 47 03.7			
PMTG	Montargil	6.29	234	ePn	Pn	06 45 08.3	+1.0		
PMTG	Montargil	6.29	234	eSn	Sn	06 46 18.7	-1.1		
PMTG	Montargil	6.29	234	eSg	Sg	06 46 54.0	-1.6		
PMTG	Montargil	6.29	234	A	A	06 47 01.7			
JVM	Valle D.L. Mar	6.30	357	eP	Pn	06 45 07.6	+0.3		
CALF	Calfe	6.30	80	Pn	Pn	06 45 09.4	+1.9		
JLP	Les Platons	6.32	357	eP	Pn	06 45 08.6	+1.0		
SURF	Saint Ours	6.33	73	Pn	Pn	06 45 09.6	+1.7		
MDF	Montbardon	6.35	71	eP	Pn	06 45 09.7	+1.5		
MDF	Montbardon	6.35	71	eSn	Sn	06 46 14.2	-7.1		
BNI	Bardonecchia	6.37	68	Pn	Pn	06 45 10.0	+1.6		
BNI	Bardonecchia	6.37	68	Pn	Pn	06 45 10.0	+1.6		
BNI	Bardonecchia	6.37	68	Pn	Pn	06 45 09.9	+1.5		
BNI	Bardonecchia	6.37	68	Sn	Sn	06 46 20.1	-1.5		
PSBE	So Bento	6.38	240	ePn	Pn	06 45 09.9	+1.4		
PSBE	So Bento	6.38	240	eSg	Sg	06 46 56.8	-1.4		
PSBE	So Bento	6.38	240	A	A	06 47 03.4			
OGMO	Fort Saint-Gob	6.42	66	Pn	Pn	06 45 11.0	+1.9		
EMIN	Mina Concepcio	6.43	218	P	Pn	06 45 10.1	+1.0		
EMIN	Mina Concepcio	6.43	218	Sg	Sg	06 46 56.3	-3.5		
EMIN	Mina Concepcio	6.43	218	Pn	Pn	06 45 10.2	+1.0		
EMIN	Mina Concepcio	6.43	218	Sn	Sn	06 46 19.1	-4.0		
EMIN	Mina Concepcio	6.43	218	/Vmb_Lg		06 46 57.5	-2.4		
EMIN	Mina Concepcio	6.43	218	Sg	Sg	06 47 01.5			
ISO	Isola	6.44	76	Pn	Pn	06 45 11.0	+1.6		
MVIF	Mont Vial	6.48	78	Pn	Pn	06 45 11.4	+1.4		
EMAL	Malaga-Limoner	6.52	200	P	Sn	06 45 13.2	+2.8		
EMAL	Malaga-Limoner	6.52	200	S	Sn	06 46 24.6	-0.8		
EMAL	Malaga-Limoner	6.52	200	Sg	Sg	06 47 01.2	-1.8		
EVO	Evora	6.53	230	P	Sg	06 45 11.7	+1.1		
EVO	Evora	6.53	230	Sg	Sg	06 46 57.6	-5.6		
EVO	Evora	6.53	230	ePn	Pn	06 45 11.6	+1.1		
EVO	Evora	6.53	230	eSn	Sn	06 46 24.0	-1.6		
EVO	Evora	6.53	230	eSg	Sg	06 46 59.5	-3.7		
EVO	Evora	6.53	230	A	A	06 47 13.3			
RSL	Roselend	6.54	62	Pn	Pn	06 45 11.8	+1.0		
LPL	La Plagne	6.55	64	eP	Pn	06 45 12.5	+1.5		
LPL	La Plagne	6.55	64	eSn	Sn	06 46 21.4	-5.0		
LPL	La Plagne	6.55	64	Pn	Pn	06 45 12.3	+1.3		
SPIF	crte de Spivo	6.56	77	Pn	Pn	06 45 12.4	+1.3		
RIVEL	MONT RIVEL	6.60	52	Pn	Pn	06 45 13.7	+2.1		
CABF	La Chapellet	6.62	54	eP	Pn	06 45 12.9	+1.1		
CABF	La Chapellet	6.62	54	eSn	Sn	06 46 19.9	-8.0		
CABF	La Chapellet	6.62	54	eSg	Sg	06 47 03.1	-2.9		
TURF	col de Turini	6.66	78	Pn	Pn	06 45 13.7	+1.2		
MON	Monaco	6.67	80	Pg	Pg	06 45 24.0	+6.0		
MON	Monaco	6.67	80	Sn	Sn	06 46 30.0	+1.1		
SBF	Sospel	6.68	79	ePn	Pn	06 45 10.2	-2.5		
SBF	Sospel	6.68	79	ePn	Pn	06 45 14.7	+2.0		
SBF	Sospel	6.68	79	eSn	Sn	06 46 24.7	-4.7		
PGVI	Sixt	6.78	60	Pn	Pn	06 45 15.1	+1.2		
SAOF	Saorge	6.78	78	Pn	Pn	06 45 15.5	+1.5		
EMIJ	Mijas	6.80	202	P	Pn	06 45 16.7	+2.4		
EMIJ	Mijas	6.80	202	Sg	Sg	06 47 09.8	-2.0		
EMIJ	Mijas	6.80	202	Pn	Pn	06 45 15.5	+1.2		
EMIJ	Mijas	6.80	202	Sn	Sn	06 46 32.3	0.0		
EMIJ	Mijas	6.80	202	Sg	Sg	06 47 12.3	+0.5		
EMIJ	Mijas	6.80	202	/Vmb_Lg		06 47 23.0			
PBEJ	Beja	6.82	226	ePn	Pn	06 45 16.2	+1.8		
PBEJ	Beja	6.82	226	eSn	Sn	06 46 31.0	-1.6		
PBEJ	Beja	6.82	226	eSg	Sg	06 47 08.4	-3.9		
PBEJ	Beja	6.82	226	A	A	06 47 23.5			
ESPR	Espera	6.87	209	P	Pn	06 45 17.0	+1.8		
ESPR	Espera	6.87	209	Pn	Pn	06 45 16.9	+1.8		
ESPR	Espera	6.87	209	Sn	Sn	06 45 15.8	-2.2		
ESPR	Espera	6.87	209	Sg	Sg	06 47 15.5	+1.6		
ESPR	Espera	6.87	209	/Vmb_Lg		06 47 32.6			
EGRO	Ei Granado	7.00	222	P	Pn	06 45 17.8	+0.9		
EGRO	Ei Granado	7.00	222	S	Sn	06 46 34.0	-3.1		
EGRO	Ei Granado	7.00	222	Sg	Sg	06 47 15.1	-3.1		
EGRO	Ei Granado	7.00	222	Sn	Sn	06 45 17.8	+0.9		
EGRO	Ei Granado	7.00	222	Sg	Sg	06 46 32.8	-4.5		
EGRO	Ei Granado	7.00	222	Sg	Sg	06 47 18.0	-1.1		
ARNO	Arenosillo	7.01	215	P	Pn	06 45 18.2	+1.1		
ARNO	Arenosillo	7.01	215	S	Sn	06 46 34.9	-2.5		
PMAFR	Mafra	7.01	238	P	Pn	06 45 18.4	+1.3		
PMAFR	Mafra	7.01	238	S	Sn	06 45 2.2	-2.3		
PMAFR	Mafra	7.01	238	ePn	Pn	06 45 18.7	+1.6		
PMAFR	Mafra	7.01	238	eSn	Sn	06 46 35.8	-1.6		
PMAFR	Mafra	7.01	238	eSg	Sg	06 47 19.3	+0.8		
PMAFR	Mafra	7.01	238	A	A	06 47 25.8			
BRANT	Les Verrieres	7.02	52	Pn	Pn	06 45 17.8	+0.6		
BRANT	Les Verrieres	7.02	52	Sn	Sn	06 46 39.4	+1.8		
BRANT	Les Verrieres	7.02	52	Pn	Pn	06 45 17.6	+0.3		
AIGLE	Aigle	7.02	58	Pn	Pn	06 45 18.7	+1.4		
SFTF	Sextfontaines	7.06	39	eP	Pn	06 45 18.9	+1.2		
SFTF	Sextfontaines	7.06	39	eSn	Sn	06 46 31.8	-6.7		
SFTF	Sextfontaines	7.06	39	eSg	Sg	06 47 16.6	-3.3		
SFTF	Sextfontaines	7.06	39	A	A	06 47 25.8			

EJIF	Jimena Fronter	7.11	206	Pn	Pn	06 45 20.7	+2.2		
PNCL	Nicolau / Gran	7.12	230	P	Pn	06 45 19.5	+0.9		
PNCL	Nicolau / Gran	7.12	230	S	Sn	06 46 37.8	-2.1		
PNCL	Nicolau / Gran	7.12	230	Sg	Sg	06 47 17.0	-4.9		
PNCL	Nicolau / Gran	7.12	230	ePn	Pn	06 45 19.5	+0.9		
PNCL	Nicolau / Gran	7.12	230	eSn	Sn	06 47 19.6	-2.3		
PNCL	Nicolau / Gran	7.12	230	A	A	06 47 26.8			
MESJ	Messejana	7.14	227	P	Pn	06 45 19.9	+1.0		
MESJ	Messejana	7.14	227	ePn	Pn	06 45 19.9	+1.0		
MESJ	Messejana	7.14	227	eSn	Sn	06 45 20.3	+1.4		
MESJ	Messejana	7.14	227	eSg	Sg	06 46 36.8	-3.8		
MESJ	Messejana	7.14	227	A	A	06 47 18.2	-4.5		
MESJ	Messejana	7.14	227	A	A	06 47 36.2			
MESJ	Messejana	7.14	227	A	A				

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include GECZ, GERES, GKH, KHC, KKH, MOA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include MNK, BROR, FINES, FIAI, ILGA, BR13, BRTR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include LPIG, CTA, IDC, I46RU, ZALV, KURBB, MKAR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LBZ, PRHZ, KHEZ, etc.

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MKAR, KURB, DBIC, etc.

ROM 10 06:48:06.0-0.1, 42.885N, 0.0003, 13.172E-0.0003, h6km, ML1.3/7, 5C-3D, Error ellipse: s-maj=0.3km s-min=0.1km az=33.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MC2, T1245, T1245, etc.

ROM 10 06:48:16.3-0.1, 42.856N, 0.0004, 13.237E-0.0005, h12km, ML1.5/7, 2C-3D, Error ellipse: s-maj=0.4km s-min=0.2km az=179.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SMA1, SMA1, SMA1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T1222, T1222, T1222, etc.

IDC 10 06:53:28.2-2.0, 7.5416N, 86.52E, h0km, mbt3.1/2, ML2.9/2, Error ellipse: s-maj=21.6km s-min=12.7km az=62.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like I46RU, ZALV, ZALV, etc.

IDC 10 06:58:20.5-2.0, 3.86N, 128.05E, h0km, mb3.6/4, mbt3.6/5, ML3.7/1, M53.1/2, Error ellipse: s-maj=118.6km s-min=26.2km az=63.0, North of Halmahera

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

NNC 10 07:08:20.8-0.5, 50.01N, 78.67E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=7.9km s-min=2.4km az=77.0, Suspected Mining explosion.

IDC 10 07:08:22.2-0.3, 50.09N, 78.89E, h0km, mbt3.2/9/3, ML2.3/3, Error ellipse: s-maj=11.9km s-min=6.3km az=56.0

ISC 10 07:08:21.4-0.9, 50.09N, 0.005, 78.78E-0.08, h0km, n20, 0.175/32, 20C-11D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KUR07, KUR07, KUR07, etc.

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

JMA 10 07:15:46.7±0.1, 38.2N; 02:14:17.8E±0.4, h55km, MD3.8/39, MW4.0/39, E OFF MIYAGI PREF. JMA Fall J11 at E OFF MIYAGI PREF. NIED 10 07:15:46.7, 38.21N, 141.76E, h55km, MW3.8, Moment Tensor Solution...

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JIKH, JJKH, JIO, etc.

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LPAZ, VANDA, RPZ, etc.

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ASAR, MKAR, KURBS, etc.

Table with columns: SUI, Sorong, 7.31 24 P, Pn, 07 36 20.5 +1.3, etc. Includes stations like Ransip Sapua, WRA Warramunga Arr, ASAR Alice Springs, etc.

INET 10 07:43:55.4-0.9, 13.56N:88.37W, h15km, 20km, MW3.4
SNET 10 07:43:58.9-2.1, 13.39N:87.99W, h1km, ML3.0
ISC 10 07:43:60.0-0.9, 13.4N:0.1:88.00W:0.05, h10km, n13,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like LCND La Caada, COEB Comit de Eme, etc.

DJA 10 07:44:04.4-1.1, 3.5S:4.12E, h17km, 11km, M4.2/12,
mb4.5/7, mb4.8/3, MLV4.0/12, Mw(mB)4.0/3
IDC 10 07:44:43.1-2.1, 2.64S:129.58E, h50km, 21km, mb3.6/5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like MSAI Masohi, AAI Ambon, etc.

ISC 10 07:44:40.3-0.7, 2.85S:0.05E:129.52E:0.07, h28km, n22,
a1566/24, mb3.9/5, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like SWI Sorong, FAKI Fak Fak, etc.

IDC 10 07:45:44.0-2.5, 53.66N:86.72E, h0km, mbmp2.7/2,
ML2.5/2, Error ellipse: s-maj=22.0km s-min=12.1km
az=73.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ROM 10 07:52:11.3-0.1, 42.618N:0.004:13.227E:0.007,
h12km, 1km, ML0.9/3, 3C-1D, Error ellipse: s-maj=0.6km
s-min=0.4km az=136.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like T1218 Civita (PG), T1218 Civita (PG), etc.

Table with columns: RM33, Arquata del Tr, 0.14 355 P, S, Pg, etc. Includes stations like T1214 Arquata del Tr, T1214 TERO, etc.

ROM 10 07:52:33.5-0.1, 42.738N:0.003:13.245E:0.005,
h14km, ML1.1/6, 2C-2D, Error ellipse: s-maj=0.4km
s-min=0.1km az=111.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like T1214 Arquata del Tr, T1214 Arquata del Tr, etc.

IDC 10 08:02:17.2-17.0, 36.15N:70.79E, h229km, 228km,
mb3.1/3, mbmp3.7/4, ML3.4/1, MS3.4/2, Error ellipse:
s-maj=179.9km s-min=62.0km az=111.0,

NNC 10 08:02:20.7-3.2, 37.05N:70.48E, h0km, mb3.8, mpv3.4,
Error ellipse: s-maj=27.1km s-min=23.9km az=117.0,
ISC 10 08:02:21.8-1.8, 36.7N:0.2:70.3E:0.2, h204km, n9,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like T1212 Cascia, T1212 Cascia, etc.

ROM 10 08:03:53.5-0.0, 43.078N:0.002:13.036E:0.003,
h13km, ML1.5/9, 2C-2D, Error ellipse: s-maj=0.2km
s-min=0.1km az=261.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like T1219 Muccia, T1219 Muccia, etc.

IDC 10 07:57:36.6-1.0, 37.15N:141.31E, h0km, mb3.6/9,
mbmp3.6/12, ML3.3/3, MS3.8/5, Error ellipse:
s-maj=21.7km s-min=15.9km az=145.0,

JMA 10 07:57:38.2-0.2, 37.2N:0.3:141.4E:0.9, h27km, 1km,
MV3.9/40, E OFF FUKUSHIMA PREF.
JMA Felt J1 at E OFF FUKUSHIMA PREF.

NIED 10 07:57:38.2-37.18N:141.42E, h27km, MW3.8, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14 Nm,
Mn:0.35, M0:0.62, M0:0.97, M0:0.09, M0:3.58, M0:3.50;

ISC 10 07:57:37.5-1.7, 37.18N:0.04:141.39E:0.06, h7km, 10km,
n4, a1813/41, mb3.6/9, MS3.9/5, 6D, Near east coast of
eastern Honshu

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

MAJO Matsushiro 2.63 257 P Pn 07 58 21.6 +1.2
JSD Sado 2.63 290 P Pn 07 58 22.3 +1.9

JGT Guroka 3.61 245 P Pn 07 58 35.7 +1.7
JTM Tenmabayashi 3.62 356 P Pn 07 58 34.9 +0.9

INU Inuyama 3.97 244 P Pn 07 58 40.9 +2.0
JHJ Hachio jima 2 4.25 198 Pn Pn 07 58 45.2 +2.5

ERM Ermo 5.02 175 P Pn 07 58 56.6 +3.3
ASAJ Asashikawa 7.00 7 Pn 07 59 20.6 +0.2

JHS Saijo 7.04 254 P Pn 07 59 23.9 +2.8
KSRS Kuroki Array 10.73 276 Pn Pn 08 00 11.8 +0.2

SONM Songino Array 27.69 304 P P 08 03 26.7 +0.4

H11N2 WAKE ISLAND Hy 28.24 121 T T 08 33 01.6
H11N1 WAKE ISLAND Hy 28.25 121 T T 08 33 02.2

Table with columns: H11N3 WAKE ISLAND Hy 28.26 121 T T 08 33 02.9
H11S1 WAKE ISLAND Hy 28.95 123 T T 08 33 55.5
H11S3 WAKE ISLAND Hy 28.95 123 T T 08 33 59.9

ZALV Zalesovo Beam 41.80 312 P P 08 05 27.3 -0.3
MKAR Makanchi Array 44.03 302 P P 08 05 44.9 -0.8

KDAK Kodiak Island 47.01 42 LR LR 08 24 29.4
ILAR Eielson Array 49.39 32 P P 08 06 28.4 +0.9

ILAR comp=Z, 56nm, 19.8s, baz=224, slow=39
0.5nm, 0.7s
INK Inuvik 54.27 27 LR LR 08 31 19.0

WRA Warramunga Arr 57.20 188 P P 08 07 25.2 -0.1
ASAR Alice Springs 60.92 188 P P 08 07 50.6 -0.5

YKA Youknife Arr 63.70 30 P P 08 08 10.0 +0.7
FINES Finess Array B 68.68 332 P P 08 08 41.5 +0.2

AKASG Malin Array Be 74.17 322 P P 08 09 14.1 -0.6
SFJD Kangerlussuaq 75.75 5 LR LR 08 44 44.8

EIL Eliat 84.28 303 LR LR 08 49 53.7
H03N2 Juan Fernandez 147.06 96 T T 11 01 35.3

H03N3 Juan Fernandez 147.07 96 T T 11 01 37.3
H03N1 Juan Fernandez 147.08 96 T T 11 01 37.5

IDC 10 08:02:17.2-17.0, 36.15N:70.79E, h229km, 228km,
mb3.1/3, mbmp3.7/4, ML3.4/1, MS3.4/2, Error ellipse:
s-maj=179.9km s-min=62.0km az=111.0,

NNC 10 08:02:20.7-3.2, 37.05N:70.48E, h0km, mb3.8, mpv3.4,
Error ellipse: s-maj=27.1km s-min=23.9km az=117.0,
ISC 10 08:02:21.8-1.8, 36.7N:0.2:70.3E:0.2, h204km, n9,

a1814/10, 4C-2D, Hindu Kush region

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

AML Almayashu 6.00 25 Pn Pn 08 03 46.5 +0.2
AML 10nm, 0.5s fSn S 08 04 53.9 -1.5

KK31 Karatay Array 6.37 1 Pn Pn 08 03 51.7 +0.9
KK31 2.2nm, 0.5s, baz=191, slow=11, SNR=18

TKM2 Tokmak 2 7.40 32 Pn Pn 08 05 02.2 -1.4
TKM2 3.9nm, 0.5s fSn S 08 05 26.9 -1.3

MKAR Makanchi Array 13.44 38 P Pn 08 05 21.8 +0.3
WSAR Wadi Sarin 16.80 220 LR LR 08 13 19.0

ZALV Zalesovo Beam 19.94 26 P P 08 06 35.7 +0.7
ASF Babal Asfar 27.84 271 LR LR 08 20 46.4

ARCES ARCESS Array B 40.73 338 P P 08 09 40.5 +1.4
TORD Torodi Ar. Bea 65.17 268 P P 08 12 36.6 -1.7

ROM 10 08:03:53.5-0.0, 43.078N:0.002:13.036E:0.003,
h13km, ML1.5/9, 2C-2D, Error ellipse: s-maj=0.2km
s-min=0.1km az=261.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like T1219 Muccia, T1219 Muccia, etc.

T1220 Camerino, Fraz 0.05 50 P P 08 03 56.2 +0.3
T1220 1.3nm, 1.0s, baz=109, slow=8.0, SNR=2.6

CESI CESI - Serrava 0.12 233 P P 08 03 57.2 +0.5
CESI 0.9nm, 1.0s, baz=139, slow=9.0, SNR=2.6

CSP1 Cessapalombo 0.12 83 P P 08 03 57.2 +0.3
CSP1 0.9nm, 1.0s, baz=139, slow=9.0, SNR=2.6

T1216 Preci, Frazion 0.19 184 P P 08 03 58.0 +0.3
T1216 1.1nm, 0.6s, baz=122, slow=7.9, SNR=8.5

T1216 0.7nm, 0.7s, baz=349, slow=19, SNR=4.5
T1220 0.7nm, 0.5s, baz=51, slow=1.3, SNR=6.3

SKTA Stephens Creek 31.03 160 P P 07 50 56.6 +0.8
MKAR Makanchi Array 64.53 326 P P 07 55 41.9 +0.1

KURBB Kurchatov Arra 68.75 328 P P 07 55 41.8 +0.1
ILAR Eielson Array 89.82 25 P P 07 57 35.6 -0.5

IDC 10 07:45:44.0-2.5, 53.66N:86.72E, h0km, mbmp2.7/2,
ML2.5/2, Error ellipse: s-maj=22.0km s-min=12.1km
az=73.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

MAJO Matsushiro 2.63 257 P Pn 07 58 21.6 +1.2
JSD Sado 2.63 290 P Pn 07 58 22.3 +1.9

JGT Guroka 3.61 245 P Pn 07 58 35.7 +1.7
JTM Tenmabayashi 3.62 356 P Pn 07 58 34.9 +0.9

INU Inuyama 3.97 244 P Pn 07 58 40.9 +2.0
JHJ Hachio jima 2 4.25 198 Pn Pn 07 58 45.2 +2.5

ERM Ermo 5.02 175 P Pn 07 58 56.6 +3.3
ASAJ Asashikawa 7.00 7 Pn 07 59 20.6 +0.2

JHS Saijo 7.04 254 P Pn 07 59 23.9 +2.8
KSRS Kuroki Array 10.73 276 Pn Pn 08 00 11.8 +0.2

SONM Songino Array 27.69 304 P P 08 03 26.7 +0.4

H11N2 WAKE ISLAND Hy 28.24 121 T T 08 33 01.6
H11N1 WAKE ISLAND Hy 28.25 121 T T 08 33 02.2

MC2 Monte Cornacci 0.20 145 P P 08 03 56.5 +0.4
MC2 0.9nm, 0.5s, baz=139, slow=9.0, SNR=2.6

T1245 Castelsantange 0.25 153 P P 08 03 59.1 +0.3
T1245 1.1nm, 0.6s, baz=122, slow=7.9, SNR=8.5

T1245 0.7nm, 0.5s, baz=51, slow=1.3, SNR=6.3
EL6 Elicito 0.26 11 P P 08 03 59.3 +0.4

EL6 0.9nm, 1.0s, baz=139, slow=9.0, SNR=2.6
EL6 1.1nm, 0.6s, baz=122, slow=7.9, SNR=8.5

MMO1 Montemonaco 0.28 130 P P 08 03 59.5 +0.2
MMO1 0.9nm, 0.5s, baz=139, slow=9.0, SNR=2.6

ASSB Assisi San Ben 0.28 263 P P 08 04 04.3 -0.7
ASSB 1.1nm, 0.6s, baz=122, slow=7.9, SNR=8.5

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vallo di Nera, Cascia, Frazio, Arquata del Tr, Roccafluvione, Monte Urbino, MURB.

ROM 10 08:04:31.9-0.1, 43:071N-0:002-13:044E-0:004, h14km, ML1.6/9, 6C-2D, Error ellipse: s-maj=0.3km s-min=0.0km az=281.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Muccia, Frazio, Camerino, Sefro, Cessapalombo.

SEF1 Cessapalombo 0.12 80 P P 08 04 35.6 +0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cesi, Mdar, Gagliole, Preci, Frazion.

MC2 Monte Cornacci Esanatoglia 0.20 338 P P 08 04 36.7 +0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1245, EL6, Mmo1, Assisi San Ben.

MMO1 Assisi San Ben 0.28 264 P P 08 04 38.1 +0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1215, Fossato di Vic, ATCC, Arquata del Tr.

ROM 10 08:05:25.0-0.2, 42:803N-0:003-12:909E-0:005, h9km, ML0.7/5, 1D, Error ellipse: s-maj=0.4km s-min=0.3km az=139.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1215, Poggiodomo, Cascia, Preci, Frazion.

T1216 Preci, Frazion 0.12 43 P P 08 05 28.3 +0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1216.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1216, Civita (PG), Castelsantange.

IDC 10 08:23:57.2-6.54:19N:87.00E, h0km, mbtmp3.3/3, ML2.9/3, Error ellipse: s-maj=23.2km s-min=13.5km az=64.0, Southwestern Siberia

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

IDC 10 08:29:20.6-6.2, 47:85:134.22E, h0km, mb3.7/1, mbtmp3.6/3, ML3.5/2, MS3.1/6, Error ellipse: s-maj=340.8km s-min=32.2km az=78.0, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIJI, PMG, KAPI, WRA, ASAR, GUMO.

IDC 10 08:29:44.8-2.9, 53:94N:86.52E, h0km, mbtmp2.5/2, ML2.1/1, Error ellipse: s-maj=23.2km s-min=13.7km az=68.0, Southwestern Siberia

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

IDC 10 08:31:34.0-2.5, 35:89N:142.18E, h0km, mb3.4/3, mbtmp3.3/4, ML2.4/1, Error ellipse: s-maj=67.8km s-min=31.8km az=48.0

JMA 10 08:31:35.2-0.2, 36:3N:0:4:14.2E, h71km, MV2.8/28, FAR E OFF IBARAKI PREF

ISC 10 08:31:37.3-1.4, 36:29N:0:05:142.28E:0:09, h35km, n18, c18:20, mb3.3/3, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHOJ, JHYU, JHO, ONAJ, BSO1, JMM, JOTO, JAG, JRY, JMK, JOD2, MJAR, MJAR.

H1N2 WAKE ISLAND Hy 27.17 121 T T 09 05 44.8

H1N1 WAKE ISLAND Hy 27.18 121 T T 09 05 47.0

H1N3 WAKE ISLAND Hy 27.19 121 T T 09 05 48.2

MJAR 0.1nm, 0.3s, baz=85, slow=19, SNR=1.7

NNC 10 08:31:58.7-2.7, 54:34N:87.45E, h0km, mb3.2, mpv2.9, Error ellipse: s-maj=22.6km s-min=13.6km az=13.0, Suspected Mining explosion.

IDC 10 08:32:03.0-1.6, 54:19N:87.07E, h0km, mb2.9/1, mbtmp3.1/4, ML2.6/3, Error ellipse: s-maj=15.7km s-min=12.3km az=83.0

ISC 10 08:32:03.1-1.7, 54:28N:0:09:86.9E:0:1, h0km, n11, c25:15, 10C-2D, Southwestern Siberia

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

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

KURBB Kurchatov Arra 6.29 238 Pn Pn 08 33 38.2 +1.1

KURBB Kurchatov Arra 6.29 238 Pn Pn 08 33 38.1 +1.1

MK31 Makanchi Array 8.04 203 Pn Pn 08 34 01.6 +0.4

MKAR Makanchi Array 8.04 203 Pn Pn 08 35 31.9 -0.9

MAKZ Makanchi 8.11 205 S Sn 08 35 37.1 +2.8

BVAR Borovoye Array 9.89 269 Pn Pn 08 34 28.1 +1.7

YKA Yellowknife Arr 62.35 11 P P 08 42 26.9 +0.2

ROM 10 08:40:00.2-0.0, 43:022N:0:002-13:124E-0:004, h9km, ML1.6/9, 4D, Error ellipse: s-maj=0.3km s-min=0.1km az=76.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cessapalombo, Muccia, Frazio, Camerino, Sefro.

MC2 Monte Cornacci Esanatoglia 0.15 211 P P 08 40 04.4 +0.9

T1216 Preci, Frazion 0.15 211 P P 08 40 06.8 +1.0

T1216 Elcito 0.17 164 P P 08 40 04.4 +0.5

T1245 Assisi San Ben 0.34 274 P P 08 40 13.4 +0.8

MMO1 Assisi San Ben 0.34 274 P P 08 40 13.4 +0.8

T1214 Arquata del Tr 0.27 167 P P 08 40 06.2 +0.5

T1212 Cascia, Frazio 0.28 192 P P 08 40 11.1 -1.0

T1212 Vallo di Nera, Elcito 0.29 221 P P 08 40 06.7 +0.7

EL6 Elcito 0.31 357 P P 08 40 07.0 +0.6

EL6 Assisi San Ben 0.34 274 P P 08 40 13.4 +0.8

T1215 Vallo di Nera, Elcito 0.31 357 P P 08 40 07.0 +0.6

EL6 Assisi San Ben 0.34 274 P P 08 40 13.4 +0.8

T1215 Vallo di Nera, Elcito 0.31 357 P P 08 40 07.0 +0.6

EL6 Assisi San Ben 0.34 274 P P 08 40 13.4 +0.8

T1215 Vallo di Nera, Elcito 0.31 357 P P 08 40 07.0 +0.6

EL6 Assisi San Ben 0.34 274 P P 08 40 13.4 +0.8

T1215 Vallo di Nera, Elcito 0.31 357 P P 08 40 07.0 +0.6

EL6 Assisi San Ben 0.34 274 P P 08 40 13.4 +0.8

T1215 Vallo di Nera, Elcito 0.31 357 P P 08 40 07.0 +0.6

EL6 Assisi San Ben 0.34 274 P P 08 40 13.4 +0.8

T1215 Vallo di Nera, Elcito 0.31 357 P P 08 40 07.0 +0.6

EL6 Assisi San Ben 0.34 274 P P 08 40 13.4 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CESSI-Serrava, Cessapalombo, Monte Cornacci, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OBN DUBNA, I43RU DUBNA, AKASO Malin Array, etc.

ISK 10 09:05:01.6, 39°51'N-26°04'E, h6km, ML2.4/21
DDA 10 09:05:01.8, 0.0, 39°51'N-26°06'E, h12km, ML2.6
ISC 10 09:05:01.9, 0.9, 39°50'N-02:26:05E, 0.03, h11km, 5km, n38, e4943/58, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KOCA Canakkale, GPNR Gulpinar, BOZC Bozcaada, etc.

ROM 10 09:14:30.2, 0.1, 43°02'N-0°00'4.13, 039E, 0°00'5.0, h8km, ML1.3/6, 2C, Error ellipse: s-maj=0.4km s-min=0.1km az=300.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like T1219 Muccia, T1220 Camerino, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EL6 Elcito, EL6 comp=N,93um,0.7s, etc.

ROM 10 09:15:00.2, 0.1, 42°27'N-0°00'2.13, 191E, 0°00'2.1, h12km, ML1.4/3, 4C-1D, Error ellipse: s-maj=0.2km s-min=0.2km az=50.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like T1214 Arquata del Tr, T1218 Civita (PG), T1218 comp=N,661um,1.0s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SMA1 SAN MARTINO, T1217 Poggiodomo, T1216 Monte Cornacci, etc.

ISC 10 09:22:51.0, 716.0, 52°56'N-33°11'E, h0km, Error ellipse: s-maj=289.5km s-min=105.0km az=31.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I43RU DUBNA, I31KZ AKTYUBINSK, I37NO ZALV, etc.

NEIC 10 09:29:52.7, 0.2, 58°7'S-0°3'150'W, 0°3', h10km, 2km, mb4.6/6, Error ellipse: s-maj=44.7km s-min=23.7km az=352.0

ISC 10 09:29:57.1, 4.2, 59°31'S-150°25'W, h0km, mb4.0/3, mbmp4.0/3, MS4.0/38, Error ellipse: s-maj=127.8km s-min=37.8km az=55.0

GCMT 10 09:30:03.7, 0.3, 59°70'S-0°02'150'W, 0°3', h12km, MW4.9/79, Moment Tensor Solution, s22,c23: s79,c108; Duration: 0 Moment tensor: Scale 10^16Nm; Mr-0.60; 11; M2-6.9; 10; M3-2.0; 0.9; M4-0.23; 2.6; M5-1.1; 0.9; M6-0.3; 2.9; Best double couple: M2:70600; 10; NP1:122.0000; 879.0000; 1-169.0000; NP2: 0.122.0000; 879.0000; 1-4.0000; Principal axes: T 2.9920, P15.0000, Azm347.0000; N -0.5720, P179.0000; Azm231.0000; P -2.4210, P10.0000; Azm77.0000; 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, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VANDA Vanda, MOZ McQueen's Vall

ISC 10 08:43:33.4, 1.5, 54°63'N-83°75'E, h0km, mbtmp2.8/3, ML2.2/3, Error ellipse: s-maj=14.4km s-min=8.7km az=13.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

ISC 10 08:47:11.7, 4.8, 47°7'S-133°98'E, h0km, mb3.3/1, mbtmp3.4/4, ML3.3/3, Error ellipse: s-maj=226.6km s-min=28.3km az=74.0, Irian Jaya region

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

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SHTL Shatili, TKB Tkibuli, PRTR Priterechnaya, etc.

IDC 10 10:53:52.2-338.0,54°19'N-42°54'E,h0km, Error ellipse: s-maj=148.3km s-min=82.7km az=139.0,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA, etc.

FUNUV 10 10:55:10.7,8°50'N-71°29'W,h4km,MWV3.0, ISC 10 10:55:09.8,1.6,8,57N,0.06x71.27W,0.04,h2km,13km, n15,e147/24,1D,Venezuela

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SOCV Socops, CAPV Capacho, PAMC Pamploña, COLO, CURV Curarigua, TAME Tame, BARC Barichara, CRJC Cerrejón, RUSC La Rusia, BAUV El Baul, ZARC Zaragoza, PUERTO BERRIO, CHIC Chingaza, CAICARA DEL OR, GUY2C Guyana, etc.

AEIC 10 11:05:05.0,3.0,51°11'N-0°06'177.3W,0.1,h26km,2km, Error ellipse: s-maj=9.6km s-min=7.8km az=123.0

MOS 10 11:06:06.1,0.51,42N,177.29W,h61km,mb4,8/49, Error ellipse: s-maj=8.2km s-min=5.9km az=84.9

BJJ 10 11:06:14.0,0.51,50N,177.49W,h54km,mb4,6/29, mb4,9/17,Ms4,5/4,Ms7,4/3,4

NEIC 10 11:08:1.9,9.51,40N,0°04'177.38W,0.1,h016km,6km, mb4,6/261,ML2,4(2E), Error ellipse: s-maj=8.7km s-min=6.1km az=95.0

IDC 10 11:11:09.7,2.3,51°34'N-177.43W,h75km,20km,mb4,0/27, mbmp4,3/30,MS3,5/48, Error ellipse: s-maj=15.0km s-min=10.0km az=176.0

IDC 10 11:11:06.1,0.4,51°29'N-0°06'177.31W,0.04,h45km, n713,0e99/656,mb4,6/186,MS3,4/48,14C-12D,

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KIWB Kanaga Island, ADK Adak, GSTR Great Sitkin T, NIKH Nikolski High, SHEM Shemya Is, etc.

Main table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SPIO Saint Paul Isl, AKUT Akutan, S12K Blaine Hills, SDPT Sand Point, CHGN Chignik, GAMB Gambell, R16K Pilot Point, P16K Nushagak River, O16K Kookow River B, R17K Ugashik Creek, N16K Nishlik Lake, Q17K King Salmon, Q17K Contact Creek, O17K Koliganek Bris, ANM ANM, Q18K Katmai Hardscr, PET Petropavlovsk, P18K Big Mountain, O18K Kookow Hills, TNA TNA, OHAK OHAK, OHAK OHAK, PETK Petropavlovsk, Q19K Cape Douglas, Q19K Cape Douglas, SVW2 Sparrevohn, SVW2 Sparrevohn, O19K Port Alsworth, O19K Port Alsworth, KDAA Kodiak Island, KDAA Kodiak Island, KDAA Kodiak Island, N19K Bonanza Creek, P19K Oil Pt, Q20K Shuyas Island, ILSW Iliamna South, TTA Tatalina, TTA Tatalina, TTA Tatalina, L19K White Mountain, L19K White Mountain, O20K Glenora Mountain, M19K Big River Lodg, M19K Big River Lodg, HOM Redoubt South, HOM Homer, SKR Severo-Kuril's, CNPM China Foot, L20K Farewell, AK, M20K Styx River, M20K Styx River, SPCR Spurr Chakacha, SPU Mount Spurr, BRKL Bradley Lake S, BRSE Bradley Lake S, GCSA Glenora City Sc, K20K Telida, K20K Telida, CAPN Captain Cook N, CAPN Captain Cook N, SKT Skwentna, SKT Skwentna, SKT Skwentna, SUA Susitna One, SUA Susitna One, PPLA Purkeypile, PPLA Purkeypile, O22K Cooper Landing, O22K Cooper Landing, SEW Seward, SEW Seward, RC01 Rabbit Creek A, RC01 Rabbit Creek A, CAST Castle Rocks, CAST Castle Rocks, M22K Willow, M22K Willow

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like M22K Willow, RDOG Red Dog Mine, RDOG Red Dog Mine, CHUM Lake Minchumine, CUT Chulitna, PMR Palmer, PMR Palmer, PMR Palmer, KTH Kalthisha Hill, BILL Bilibino, BILL Bilibino, BILL Bilibino, PWL Port Wells, PWL Port Wells, GHO Glory Hole Cre, KNK Knik Glacier, KNK Knik Glacier, TRF Thorofore Moun, TRF Thorofore Moun, P23K Montague Islan, BPAW Bear Paw Mtn, BPAW Bear Paw Mtn, SML Sawmill, SML Sawmill, SML Sawmill, IMAR Indian Mountai, I21K Tanana, I21K Tanana, I21K Tanana, H21K Melozitna Rive, H21K Melozitna Rive, H21K Melozitna Rive, M23K Glacier View, RND Reindeer, RND Reindeer, RND Reindeer, G21K Allakaket, SCM Sheep Creek Mo, SCM Sheep Creek Mo, SCM Sheep Creek Mo, MCK McKinley, MCK McKinley, MCK McKinley, MCK McKinley, H22K Ishaltina Cre, MA2 Magadan, EYAK Cordova Ski Ar, NEA2 Nenana, NEA2 Nenana, F21K Alatina River, SEY Seymchan, SEY Seymchan, SEY Seymchan, KLU Klutina, I23K Minto, Yukon-K, I23K Minto, Yukon-K, M24K Tolsona, Glenn, M24K Tolsona, Glenn, WRH Wood River Hill, G22K Bettles, H23K Yukon River, MDM Murphy Dome, CCB Banaza Creek, TCOL CIGO, UAF Yang, COLA College, COLA College, F22K John River, HDA Harding Lake, HDA Harding Lake, HARP HAARP, N25K Chitina, Valde, N25K Chitina, Valde, PAX Paxson, PAX Paxson, PAX Paxson, G23K Paxson, G23K Paxson, POKR POKR, POKR POKR, IL31 Eielson Array, ILAR Eielson Array, ILAR Eielson Array, IL03 Eielson Array, K24K Donnelly Dome, COLD Coldfoot, COLD Coldfoot, COLD Coldfoot, H24K Noodor Dome, H24K Noodor Dome, GLB Gilahina Butte, GLB Anaktuyuk Pass, VRDI Verde Repeater, RIDG Independent Ri, RIDG Independent Ri

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

NEIC 10 11:46:01.1-2.3, 22'64S:0'07:67.4W:0.2, h164km, 12km, mb4.4/4, ML3.9(GUC), Error ellipse: s-maj=21.7km s-min=10.3km az=83.0

VAO 10 11:46:03.7-0.6, 23'02S:67'82W, h187km, mb3.9

SCB 10 11:46:04.6-1.3, 22'49S:67'77W, h182km, 11km, ML4.0/4, MW3.7, Error ellipse: s-maj=5.4km s-min=4.0km az=0.0

SJA 10 11:46:05.4-0.6, 22'61S:67'74W, h165km, 6km, ML3.8, MW3.7, Hypocentre not reviewed by the ISC

GUC 10 11:46:07.6-0.8, 22'57S:67'87W, h166km, 7km, ML4.0

ISC 10 11:46:02.6-1.7, 22'55S-04:67'76W:0.05, h189km, 8km, nH1, c193/104, 9C-2D, Chile-Bolivia border region

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

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

IDC 10 11:47:31.5-1.8, 30'58N:67'21E, h0km, mb3.6/3, mbmp3.6/6, ML3.3/3, Error ellipse: s-maj=66.9km s-min=27.3km az=113.0

ISC 10 11:47:35.8-1.1, 30'72N:02'67E:0.2, h35km, n6, c192/79, mb3.4/3, Pakistan

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

IDC 10 11:55:46.1-54.6, 0'5731N-30'00E, h0km, Error ellipse: s-maj=203.8km s-min=90.3km az=102.0, Baltic States-Belarus-Northwestern Russia

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

TRN 10 12:08:48.5, 10'70N-61'98W, h1km, MD3.5 FUNV 10 12:08:52.9, 10'19N-62'73W, h5km, MW3.5

ISC 10 12:08:47.0-1.4, 10'28N:0'07:62.40W:0.05, h35km, n11, c202/10, Near coast of Venezuela

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

NEIC 10 12:39:35.2-7.8'38N:0'09:91'82E:0'07, h32km, 5km, mb4.3/23, Error ellipse: s-maj=12.7km s-min=9.8km

NDI 10 12:39:36.1-2.0, 8'74N-91'72E, h10km, mb4.6, ML3.9, mb4.3(NEIC)

IDC 10 12:39:37.0-3.1, 8'36N-91'89E, h49km, 32km, mb3.9/10, mbmp4.1/12, ML4.2/2, MS3.1/11, Error ellipse: s-maj=30.8km s-min=16.1km az=54.0

ISC 10 12:39:33.0-6.8, 8'43N:0'06:91.90E:0'07, h24km, n76, c193/66, mb4.2/19, MS3.1/9, ID, Nicobar Islands region

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

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

IDC 10 12:39:33.2, 3.3'874S: 117'71E, h0km, mb3.2/2, mbmp3.3/3, ML3.6/1, Error ellipse: s-maj=257.0km s-min=28.8km az=50.0

DJA 10 12:39:50.0-0.4, 9'S:6'11'E, h116km, 6km, M4.0/12

mb4.1/2,MLV3.9/12

ISC 10 12:39:49.0±0.9,8.68S,0.09x:118.31E±0.05,h150km,n14,

±123/17,Sumbawa region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include PLAI, TWSI, BASI, SRBI, IGBI, BSSI, EKSI, MMRI, JAGI, GMIJ, SOEI, WRA, ASAR, and MKAR.

KRSC 10 12:40:23.2±1.4,55.46N,166.09E,h39km±13km,MI3.7,

Komandorsky Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include BKI, BKI, KBTR, KLY, TUMD, KMINR, TUMR, SRDR, SPN, SPN, AVH, KRER, UGLR, AVH, KRX, KOK, DALK, PET, GNL, KRMR, MTRV, GRL.

IDC 10 12:45:48.4±0.7,5.54S,142.25E,h192km±55km,mb3.2/3,

mbmp3.9/6,Error ellipse: s-maj=44.3km s-min=26.2km

az=138.0

ISC 10 12:45:48.6±1.0,5.6S±0.2,142.3E±0.1,h200km,n6,

±67/7,mb3.3/3,New Guinea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include PMG, WRA, ASAR, CMAR, MKAR, ILAR.

KRSC 10 12:54:25.0±0.8,54.58N,160.60E,h113km,4km,MI3.6,

IDC 10 12:54:27.1±2.5,54.54N,160.37E,h118km,27km,mb3.1/4,

mbmp3.5/6,Error ellipse: s-maj=48.4km s-min=21.2km

az=124.0

ISC 10 12:54:26.6±0.9,54.58N±0.04,160.57E±0.06,h110km,8km,

n40,±983/49,mb3.3/4,Near east coast of Kamchatka

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include TUMD, TUMR, KMINR, BZMR, BZGR, KIRR, BZWR, KPT, SPN, KOZ, NLC, SDLR, KRMR, AVH, UGLR, KOK, ESO, KLY, GNL, SRDR, DALK, PET, KBTR, PETK, PTKM, KRMR, GRL, MTRV, APC, KDR, BKI, MA2, ILAR, H11N2, H11N3.

baz=355,slow=76,SNR=7.5

H11N1 WAKE ISLAND Hy 35.13 170 T

baz=355,slow=76,SNR=9.4

TXAR Lajitas Array 69.81 68 P

WRA Warramunga Arr 77.55 205 P

ASAR Alice Springs 81.23 205 P

IDC 10 13:01:24.3±0.5,31.41S,176.60W,h0°km,mb3.4/2,

mbmp3.7/4,ML3.8/2,Error ellipse: s-maj=73.0km

s-min=36.9km az=103.0,Kermadec Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include RAO, URZ, ASAR, WRA, FINES.

SNET 10 13:13:16.6±1.5,13.22N,90.31W,h10km,ML4.9,

GCG 10 13:13:17.8±0.8,13.23N,90.34W,h46km,MD4.4,

INET 10 13:13:19.3±1.5,13.25N,90.21W,h18km,14km,MMV4.9,

IDC 10 13:13:20.9±2.3,13.60N,89.74W,h62km,19km,mb3.8/16,

mbmp4.1/18,MS3.8/31,Error ellipse: s-maj=29.2km

s-min=12.4km az=46.0

NEIC 10 13:13:21.3±2.2,13.38N±0.08,90.13W±0.07,h60km,8km,

mb4.6/77,Error ellipse: s-maj=13.2km s-min=7.9km

az=214.0

ISC 10 13:13:19.3±0.4,13.30N±0.05,90.19W±0.05,h58km,n360,

±1919/348,mb4.5/39,MS3.9/32,2D,Near coast of

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include NUBE, CEVE, NUBE, RTR, LOAL, LOAL, JAYA, SLOZ, UNIC, CEDA, BOQS, SNET, SERV, PCG, LBRS, NBG, FUG, LLGN, ESQUI, ESQI, PSNO, ALJI, COEB, SULLM, PACA, RTAL, STG3, LCND, CNCH, HUEH, HUEH, TGUH, CRIN, CRIN, CRIN, TEL3, TELN, CNGN, CNGN, CNGN, COGJ, PETF, PETF, MOMM, COPN, MATN, MATN, BOAB, BOAB, BOAB, ACOPY, HZTE, GBS3, LPAFC, BUAI, GP77, ORTG, CLARA, MESS, VMAR, CUI, CANAL, DUNO, CLARA, PARGU, CMIG, CMIG, JTS, JTS, TABAC, TABAC, JACO, ABEA, TEG1, RIMA, PEZE, SRBA, ED2P, ED2P, BRUZ, BRUZ, SOR, ZAIG, G83A, TULM, 553A, 553A, URIC, URIC, 435B, 435B.

comp=Z,1.7nm,0.5s

435B Jarrell 18.69 340 P

NATX Nacogdoches 18.82 348 P

NATX Nacogdoches 18.82 348 P

JCT Junction City 19.26 334 P

237A Washetta, Mont 19.31 345 P

SDV Santo Domingo 19.68 101 P

SDV Santo Domingo 19.68 101 P

SDV Lake Whitney, 19.76 341 P

WHTX Lake Whitney, 19.76 341 P

WHTX Lakeview Retre 19.86 8 P

152A Waverly Hall 19.92 14 P

FW14 Alvarado 20.06 343 P

FW13 Cleburne 20.09 342 P

TXAR Lajitas Array 20.27 324 P

TXAR Lajitas Array 20.27 324 P

TXAR Lajitas Array 20.27 324 P

TX31 Lajitas Ar. Si 20.27 324 P

TX31 Lajitas Ar. Si 20.27 324 P

TX32 Lajitas Ar. Si 20.27 324 P

154A Montrose 20.29 17 P

154A Montrose 20.29 17 P

Z38A Mt. Pleasant 20.34 348 P

Y49A Blount Mountai 20.75 9 P

Y49A Blount Mountai 20.75 9 P

ABTX Abilene, Hawle 21.09 337 P

OXF Oxford 21.13 2 P

X48A Hartselle 21.25 7 P

X48A Hartselle 21.25 7 P

SLBS Slieve Blagau 21.36 302 P

MIAR Mount Ida 21.37 352 P

MIAR Mount Ida 21.37 352 P

FPAL Fort Paine 21.55 10 P

FPAL Fort Paine 21.55 10 P

PLAL Serv Lac Est 21.67 5 P

X37A Clayton 21.71 348 P

X37A Clayton 21.71 348 P

X51A Calhoun 21.72 12 P

X51A Calhoun 21.72 12 P

W45A Hickory Valley 21.78 2 P

LP1G La Paz 21.84 302 LR

ODSA Odessa 21.89 331 P

ODSA Odessa 21.89 331 P

WHAR Woolly Hollow 21.98 355 P

SWET Swanee 22.16 9 P

SWET Swanee 22.16 9 P

POST Post 22.22 334 P

POST Post 22.22 334 P

W50A Signal Mountai 22.25 11 P

W50A Signal Mountai 22.25 11 P

W35A Tecumseh 22.58 346 P

W35A Tecumseh 22.58 346 P

CPCT Cooper Cave 22.64 12 P

CLNB Carlsbad 22.66 329 P

LCAR Lake Charles 22.69 358 P

LCAR Lake Charles 22.69 358 P

WMOK Wichita Mount 22.72 341 P

FNO Franklin 22.81 345 P

WWT Waverly 22.83 5 P

WWT Waverly 22.83 5 P

WWT Waverly 22.83 5 P

TKL Tuckaleechee C 23.00 13 P

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10d 13h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Tucson, Corning, Farmland, Alum Creek Sta, Organ Pipe Nat, etc.

2017 MAR

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Rapa Nui, Schefferville, Bella Flella, etc.

552

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Koktuh Hills, Papeete2, Farewell, AK, etc.

IDC 10-13-20:06.7:645.0,53.91N:42.58E,h0km,Error ellipse: s-maj=251.5km s-min=194.6km az=90.0,Baltic States-Belarus-Northwestern Russia

IDC 10-13-37:52.0:1.8,39.47N:14.82E,h0km,mb3.5/3,mbtmp3.4/5,ML3.0/2,MS2.6/1,Error ellipse: s-maj=47.0km s-min=24.1km az=91.0

ROM 10-13-37:54.8:0.1,39.029N:0.006:15.441E:0.008,12.4km,1km,ML3.0/12,Error ellipse: s-maj=0.6km s-min=0.5km az=315.0

ISC 10-13-37:54.5:1.1,39.02N:0.003:15.45E:0.03,h14km,9km,n56,+084/57,mb3.8/3,1C,Southern Italy

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ST3, I37NO, I46RU, etc.

WVT	Waverly	29.09 329	P	P	13 52 40.2 +0.3
WVT	comp=Z,51nm,1.2s		pmax	pmax	
WVT	comp=Z,3um,20.0s		MLR	MLR	
WVT	Waverly	29.09 329	P	P	13 52 40.5 +0.7
WVT	Waverly	29.09 329	P	P	13 52 41.5 +1.6
Q52A	Bidwell	29.11 340	P	P	13 52 41.6 +1.6
Q52A	baz=154,SNR=5.9		P	P	13 52 41.6 +1.6
PAL	Palisades	29.15 353	P	P	13 52 41.7 +1.4
PTLB	Pontes e Lacer	29.19 159	P	P	13 52 39.6 -1.3
PTLB	Pontes e Lacer	29.19 159	P	P	13 52 40.5 -0.4
R50A	Paris	29.27 336	P	P	13 52 43.7 +2.2
R50A	baz=150		P	P	13 52 43.7 +2.2
P53A	Whipple	29.29 341	P	P	13 52 43.2 +1.6
P53A	baz=156,SNR=7.2		P	P	13 52 43.2 +1.6
ODNJ	Ogdensburg	29.31 352	P	P	13 52 43.5 +1.7
PB18	Visviri	29.38 180	P	I	13 52 41.4 -1.8
PB18	comp=Z,159nm,1.3s		Iamb	Iamb	13 53 43.1
N58A	Sunbury	29.41 349	P	P	13 52 44.3 +1.7
N58A	baz=166		P	P	13 52 44.3 +1.7
T47A	Sharon Grove	29.41 331	P	P	13 52 44.6 +1.9
ROSB	Rosario	29.41 119	eP	P	13 52 43.5 +0.6
SSPA	Standing Stone	29.44 347	P	P	13 52 44.0 +1.0
SSPA	Standing Stone	29.44 347	P	P	13 52 44.4 +1.4
SSPA	Standing Stone	29.44 347	P	P	13 52 44.8 +1.9
M65A	Busby, Falmonth	29.48 359	P	P	13 52 44.3 +1.0
Q51A	Peebles	29.54 338	P	P	13 52 46.1 +2.1
Q51A	baz=152,SNR=14		P	P	13 52 46.1 +2.1
BRNY	Black Rk. Fore	29.57 353	P	P	13 52 45.6 +1.5
R49A	Shellyville	29.62 335	P	P	13 52 46.7 +2.1
R49A	baz=148		P	P	13 52 46.7 +2.1
O54A	Avella	29.63 343	P	P	13 52 46.7 +2.0
O54A	baz=158		P	P	13 52 46.7 +2.0
P52A	Corning	29.67 340	P	P	13 52 46.0 +1.1
P51A	Williamsport	29.84 339	P	P	13 52 48.5 +2.0
P51A	baz=153,SNR=6.2		P	P	13 52 48.5 +2.0
O53A	New Philadelph	29.94 342	P	P	13 52 48.3 +1.0
KSPA	Keystone Colle	29.94 351	P	P	13 52 49.2 +1.8
M57A	Sunshine Farm	29.96 349	P	P	13 52 49.5 +1.9
M57A	baz=165,SNR=7.2		P	P	13 52 49.5 +1.9
SNDB	Serra Nova Dou	30.00 142	eP	P	13 52 49.3 +1.1
O52A	Adamsville	30.01 341	P	P	13 52 49.9 +1.9
O52A	comp=Z,80nm,0.9s		Iamb	Iamb	13 52 50.6
O52A	Adamsville	30.01 341	P	P	13 52 49.9 +1.9
O52A	baz=156,SNR=13		P	P	13 52 48.9 +0.5
WCI	Wyandotte Cave	30.05 333	P	I	13 52 48.9 +0.5
WCI	comp=Z,64nm,1.1s		Iamb	Iamb	13 52 51.2
WCI	Wyandotte Cave	30.05 333	P	P	13 52 48.9 +0.5
WCI	comp=Z,65nm,1.1s		pmax	pmax	
WCI	Wyandotte Cave	30.05 333	P	P	13 52 49.6 +1.3
WCI	Wyandotte Cave	30.05 333	P	P	13 52 50.1 +1.7
GNAR	Gosnell	30.12 326	P	P	13 52 49.2 +0.2
PB16	IPOC Station P	30.12 180	P	P	13 52 49.8 -2.9
HKT	Hockley	30.13 310	I	I	13 52 49.8 +0.7
HKT	comp=Z,99nm,1.9s		Iamb	Iamb	13 53 44.9
HKT	Hockley	30.13 310	P	P	13 52 49.8 +0.7
HKT	comp=Z,99nm,1.9s		pmax	pmax	
HKT	comp=Z,700nm,21.0s		MLR	MLR	
SMTB	Santa Maria do	30.20 132	eP	P	13 52 51.4 +1.4
NATX	Nacogdoches	30.27 315	P	P	13 52 50.5 +0.2
NATX	comp=Z,136nm,1.6s		Iamb	Iamb	13 52 53.1
NATX	Nacogdoches	30.27 315	P	P	13 52 51.5 +1.2
WES	Weston	30.33 358	P	P	13 52 53.1 +2.4
BBS0	Serra de San D	30.34 163	eP	P	13 52 50.3 -0.8
N53A	Lisbon	30.34 343	P	P	13 52 53.1 +2.1
N53A	baz=158		P	P	13 52 53.1 +2.1
WLAR	White Oak Lake	30.39 319	P	P	13 52 50.5 -0.9
WLAR	comp=Z,166nm,1.5s		Iamb	Iamb	13 52 54.5
M55A	Ridgway	30.43 346	P	P	13 52 53.3 +1.5
M55A	baz=162,SNR=6.3		P	P	13 52 53.3 +1.5
USIN	University of	30.46 331	P	I	13 52 50.0 -2.0
USIN	comp=Z,55nm,1.1s		Iamb	Iamb	13 53 03.9
HRV	Adam Dzewonsk	30.46 357	P	P	13 52 51.3 -0.6
HRV	Adam Dzewonsk	30.46 357	P	P	13 52 51.3 -0.6
HRV	comp=Z,239nm,1.7s		pmax	pmax	
HRV	Adam Dzewonsk	30.46 357	P	P	13 52 53.3 +1.3
HRV	Adam Dzewonsk	30.46 357	P	P	13 52 54.4 +2.5
L61B	Northampton	30.47 356	P	P	13 52 53.4 +1.3
L61B	Northampton	30.47 356	P	P	13 52 54.3 +2.3
ACSO	Alum Creek Sta	30.49 340	P	P	13 52 53.5 +1.3
ACSO	Alum Creek Sta	30.49 340	P	P	13 52 53.9 +1.7
P49A	Miami Univ. Ec	30.50 337	P	P	13 52 53.4 +1.1
P49A	Miami Univ. Ec	30.50 337	P	P	13 52 54.1 +1.7
BINY	Binghamton	30.61 351	P	P	13 52 55.2 +1.9
BINY	Binghamton	30.61 351	P	P	13 52 55.5 +2.2
K62A	Royalston	30.66 356	P	P	13 52 55.9 +2.2
K62A	baz=175,SNR=8.1		P	P	13 52 55.9 +2.2
P48A	Milroy	30.72 336	P	P	13 52 55.6 +1.4
P48A	baz=149,SNR=8.4		P	P	13 52 55.6 +1.4
L56A	Greenwood	30.82 349	P	P	13 52 56.9 +1.7
L56A	baz=165,SNR=9.3		P	P	13 52 56.9 +1.7
HCVN	Howe Caverns	30.88 353	P	P	13 52 57.7 +2.0
M53A	WI Miller and	30.89 344	P	P	13 52 57.1 +1.4
M53A	baz=158		P	P	13 52 57.1 +1.4
N51A	Ashland	30.91 341	P	P	13 52 57.7 +1.8

N51A	baz=155		P	P	13 52 57.7 +1.8
NMNC	Minye Minye	30.91 180	P	I	13 52 53.4 -3.0
NMNC	comp=Z,34nm,0.7s		Iamb	Iamb	13 53 27.0
O49A	Covington	30.93 338	P	P	13 52 57.9 +1.8
O49A	baz=151,SNR=5.6		P	P	13 52 57.9 +1.8
BLO	Bloomington	30.93 334	P	P	13 52 57.8 +1.7
BLO	comp=Z,85nm,1.0s		Iamb	Iamb	13 52 59.0
BLO	Bloomington	30.93 334	P	P	13 52 57.8 +1.7
BLO	comp=Z,85nm,1.0s		pmax	pmax	
WHAR	Wooly Hollow	30.94 322	P	P	13 52 58.1 +1.8
WHAR	comp=Z,102nm,1.2s		Iamb	Iamb	13 52 58.9
S44V	Santo Antonio	30.97 153	eP	P	13 52 56.4 -0.3
S44V	Carbonadale	31.02 329	P	P	13 52 58.7 +1.8
UNH	University of	31.02 358	P	P	13 52 58.7 +1.9
UNH	baz=140,SNR=14		P	P	13 53 00.7 +2.0
237A	Washetta, Mont	31.21 314	P	P	13 53 00.7 +2.0
MIAR	Mount Ida	31.24 320	P	P	13 52 58.0 -1.0
MIAR	Mount Ida	31.24 320	P	P	13 52 58.0 -1.0
MIAR	comp=Z,36nm,1.1s		pmax	pmax	
MIAR	comp=Z,71nm,19.0s		MLR	MLR	
MIAR	Mount Ida	31.24 320	P	P	13 52 59.6 +0.7
MIAR	baz=130,SNR=5.1		P	P	13 53 00.3 +1.3
FCAR	Ozark Folk Cen	31.26 323	P	P	13 53 00.2 +1.1
FCAR	comp=Z,63nm,1.1s		Iamb	Iamb	13 53 01.1
OLIL	Olney	31.28 332	P	P	13 53 00.8 +1.6
WVNY	West Valley	31.29 347	P	P	13 53 01.0 +1.7
O48B	Farmland	31.30 337	P	P	13 53 00.1 +0.7
O48B	Farmland	31.30 337	P	P	13 53 00.9 +1.5
ERPA	Erie	31.34 345	P	P	13 53 00.8 +1.1
J61A	Chester	31.35 356	P	P	13 53 02.0 +2.2
J61A	baz=174,SNR=6.7		P	P	13 53 02.0 +2.2
FFD	Franklin Falls	31.43 357	P	P	13 53 03.2 +2.8
ACCN	Adirondack Com	31.48 354	P	P	13 53 03.1 +2.1
T42A	Van Buren	31.49 326	P	P	13 53 02.7 +1.6
N49A	Columbus Sport	31.52 339	P	P	13 53 02.7 +1.4
N49A	baz=152		P	P	13 53 03.7 +2.1
M50A	Fremont	31.56 341	P	P	13 53 03.7 +2.1
M50A	baz=154		P	P	13 53 03.7 +2.1
P46A	Rosedale	31.59 334	P	P	13 53 03.7 +1.7
P46A	Rosedale	31.59 334	P	P	13 53 04.0 +2.0
BRRB	Robore, Bolivi	31.61 162	eP	P	13 53 01.5 -0.8
J58A	Remsen	31.64 352	P	P	13 53 04.7 +2.3
J58A	baz=169,SNR=7.4		P	P	13 53 04.7 +2.3
J59A	Piesco	31.65 353	P	P	13 53 04.1 +1.6
J59A	baz=171,SNR=8.8		P	P	13 53 04.1 +1.6
J57A	Williamstown	31.79 351	P	P	13 53 05.1 +1.5
J57A	baz=168,SNR=12		P	P	13 53 05.1 +1.5
Q44A	Meyer Farm, Va	31.84 331	P	P	13 53 05.9 +1.7
435B	Jarrell	31.86 310	P	P	13 53 05.0 +0.6
I63A	Otisfield	31.97 359	P	P	13 53 07.6 +2.4
I63A	baz=178,SNR=5.8		P	P	13 53 07.6 +2.4
MCVT	Middlebury Col	31.99 356	P	P	13 53 07.8 +2.3
U40A	Yellville	32.01 323	P	P	13 53 07.4 +1.7
U40A	baz=133,SNR=6.2		P	P	13 53 07.4 +1.7
NCB	Newcomb	32.12 354	P	P	13 53 08.6 +2.0
833A	Chaparral WMA,	32.14 305	P	P	13 53 08.4 +1.5
833A	Chaparral WMA,	32.14 305	P	P	13 53 07.5 +0.5
833A	Chaparral WMA,	32.14 305	P	P	13 53 08.5 +1.5
SFIN	Lafayette	32.18 335	P	P	13 53 08.4 +1.3
SFIN	baz=117,SNR=5.8		P	P	13 53 08.9 +1.7
LBNH	Lisbon	32.21 357	P	P	13 53 09.0 +1.6
LBNH	baz=176		P	P	13 53 09.5 +2.2
CCM	Cathedral Cave	32.32 327	I	I	14 07 39.1
CCM	Cathedral Cave	32.32 327	P	P	13 53 09.3 +0.9
CCM	Cathedral Cave	32.32 327	P	P	13 53 09.9 +1.5
WHTX	Lake Whitney,	32.38 312	P	I	13 53 09.2 +0.2
WHTX	comp=Z,67nm,1.2s		Iamb	Iamb	13 53 11.3
WHTX	Lake Whitney,	32.38 312	P	P	13 53 09.7 +0.7
WHTX	Lake Whitney,	32.38 312	P	P	13 53 10.3 +1.3
FW14	Alvarado	32.41 313	P	P	13 53 09.9 +0.7
FW14	comp=Z,103nm,1.3s		Iamb	Iamb	13 53 11.7
H62A	baz=177,SNR=6.4		P	P	13 53 12.4 +2.4
H62A	baz=177,SNR=6.4		P	P	13 53 11.5 +1.5
L48A	N Adams	32.51 339	P	P	13 53 11.5 +1.5
L48A	baz=152		P	P	13 53 12.0 +1.5
AAM	Ann Arbor	32.57 341	P	P	13 53 12.5 +1.7
O44A	Mansfield	32.59 333	P	P	13 53 11.2 +0.3
HHAR	Hobbs	32.60 322	P	P	13 53 13.1 +1.7
P43A	Skaggs, Pawnee	32.67 331	P	P	13 53 12.1 +0.1
ARAG	Araguaiana, MT	32.71 147	eP	P	13 53 13.9 +1.4
LONY	Lake Ozonia	32.80 354	P	P	13 53 13.9 +1.4</

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like KSU1, SCIA, E46A, K38A, I40A, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like D32A, S22A, AZCA, CRSM, ISCO, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like REDW, GMRC, BELC, MONP, H17A, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like BMRD Maredsouth, M27K Edge Creek, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like PRP Porcupine Dome, TNS Taunus Mt, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like ASSE Asse, Remlinge, O22K Cooper Landing, etc.

CMAR	Chiang Mai Arr	39.67 263	P	P	16 01 14.9 +0.5
CMAR	Chiang Mai Arr	39.67 263	P	P	16 03 19.7 +0.5
CMAR	Chiang Mai Arr	39.67 263	P	P	16 06 57.2 0.0
CMAR	Chiang Mai Arr	39.67 263	P	P	16 01 15.0 +0.5
CMAR	Chiang Mai Arr	39.67 263	P	P	16 06 59.0 +1.7
CMAR	Chiang Mai Arr	39.67 263	P	P	16 01 15.0 +0.5
KAPI	Kappang	40.00 214	P	P	16 06 59.0
KAPI	Kappang	40.00 214	P	P	16 01 16.1 -1.1
KAPI	Kappang	40.00 214	P	P	16 01 20.2
KAPI	Kappang	40.00 214	P	P	16 01 18.9 +1.7
KAPI	Kappang	40.00 214	P	P	16 01 16.9 -0.3
BSSI	Bau Bau, Buton	40.64 212	P	P	16 01 22.2 -0.2
MND	Mandalay	40.78 270	P	P	16 01 24.7 +1.1
BILL	Bilibino	41.23 14	P	P	16 01 27.0 +0.4
BILL	Bilibino	41.23 14	P	P	16 01 26.6 -0.1
BILL	Bilibino	41.23 14	P	P	16 01 27.6 +1.0
BILL	Bilibino	41.23 14	P	P	16 01 33.7 -0.7
BILL	Bilibino	41.23 14	P	P	16 01 35.0 +0.6
BILL	Bilibino	41.23 14	P	P	16 01 35.9 -0.5
SOEI	Soe	42.34 205	P	P	16 01 35.8 -0.6
SOEI	Soe	42.34 205	P	P	16 01 36.7 +0.3
SOEI	Soe	42.34 205	P	P	16 01 35.5 -0.9
KDU	Kakadu	42.89 192	P	P	16 01 40.5 -0.2
MTN	Manton Dam	43.30 194	P	P	16 01 43.2 -0.9
MTN	Manton Dam	43.30 194	P	P	16 07 09.9 -1.6
SURA	Surathab	43.93 251	P	P	16 01 48.3 -0.7
SURA	Surathab	43.93 251	P	P	16 01 48.5 +2.0
SRIT	Nakonsritamara	43.93 250	P	P	16 01 50.0 +0.8
SRIT	Nakonsritamara	43.93 250	P	P	16 01 51.3
SRIT	Nakonsritamara	43.93 250	P	P	16 01 50.5 +1.3
WMQ	Urumqi	44.14 304	P	P	16 01 50.5 -0.2
WMQ	Urumqi	44.14 304	P	P	16 01 53.1 -0.5
WMQ	Urumqi	44.14 304	P	P	16 08 12.9 -2.0
PLAI	Piampang	44.26 214	P	P	16 01 51.1 -0.7
PLAI	Piampang	44.26 214	P	P	16 01 50.9 -0.9
TWSI	Taliwang, Sumb	44.62 215	P	P	16 01 53.9 -0.7
DGZ	Jazzartor, Alta	44.65 312	P	P	16 01 55.5 +0.8
DGZ	Jazzartor, Alta	44.65 312	P	P	16 01 55.5 +0.8
UNV	Unalaska Valle	44.79 42	P	P	16 01 53.4 -2.0
SRBI	Singaraja	44.93 217	P	P	16 01 57.6 +0.6
KULM	Kulim	45.01 245	P	P	16 01 58.1 +0.3
KULM	Kulim	45.01 245	P	P	16 01 59.5
IPM	Iphoh	45.21 244	P	P	16 01 59.1 -0.3
IPM	Iphoh	45.21 244	P	P	16 01 60.0
IPM	Iphoh	45.21 244	P	P	16 01 59.6 +0.2
JAGI	Jajag, Banyuw	45.81 218	P	P	16 02 03.5 -0.6
JAGI	Jajag, Banyuw	45.81 218	P	P	16 02 04.8 +0.7
JAGI	Jajag, Banyuw	45.81 218	P	P	16 02 03.6 -0.5
ZSN	Zaisan	46.20 309	P	P	16 02 07.1 +0.4
ZSN	Zaisan	46.20 309	P	P	16 02 07.1 +0.4
ZSN	Zaisan	46.20 309	P	P	16 02 07.1 +0.4
TAPN	Taplejung	46.41 281	P	P	16 02 08.4 -0.7
KNRA	Kunurra	46.58 196	P	P	16 02 09.9 0.0
KNRA	Kunurra	46.58 196	P	P	16 02 10.7
KNRA	Kunurra	46.58 196	P	P	16 02 10.7 +0.8
PWJI	Pagerwojo	46.76 221	P	P	16 02 10.0 -1.4
ZAAO	Zalesovo Array	46.78 318	P	P	16 02 11.0 -0.2
ZAAO	Zalesovo Array	46.78 318	P	P	16 03 42.8 +0.1
ZAAO	Zalesovo Array	46.78 318	P	P	16 03 43.6
ZALV	Zalesovo Beam	46.78 318	P	P	16 02 11.1 -0.1
ZALV	Zalesovo Beam	46.78 318	P	P	16 03 42.8 +0.2
ZALV	Zalesovo Beam	46.78 318	P	P	16 07 23.8 -1.6
ZALV	Zalesovo Beam	46.78 318	P	P	16 08 48.2 -4.1
ZALV	Zalesovo Beam	46.78 318	P	P	16 01 50.8 -3.0
ZALV	Zalesovo Beam	46.78 318	P	P	16 21 59.0
ODAN	Odare	46.83 280	P	P	16 02 12.0 -0.2
RAMN	Ramite	47.48 281	P	P	16 02 16.6 -0.7
TNA	Tin City	47.57 26	P	P	16 02 14.8 -2.3
JIRN	Jiri	47.63 282	P	P	16 02 18.4 -0.2
S12K	Black Hills	47.64 40	P	P	16 02 13.6 -4.2
GUN	Gumba	47.82 282	P	P	16 02 19.6 -0.5
PSI	Prapat	47.89 244	P	P	16 02 21.2 +0.8
PSI	Prapat	47.89 244	P	P	16 02 20.8 +0.4
PSI	Prapat	47.89 244	P	P	16 02 20.4 0.0
KPJI	Karang Pucung	47.92 225	P	P	16 02 20.4 0.0
MK31	Makanchi Array	47.95 308	P	P	16 02 20.3 -0.1
MK31	Makanchi Array	47.95 308	P	P	16 02 21.3
MK31	Makanchi Array	47.95 308	P	P	16 03 47.5 +0.6
MK31	Makanchi Array	47.95 308	P	P	16 02 20.2 -0.1
MK31	Makanchi Array	47.95 308	P	P	16 02 20.1 -0.2
MKAR	Makanchi	47.95 308	P	P	16 03 47.6 +0.7
MKAR	Makanchi	47.95 308	P	P	16 07 29.5 -1.1
MKAR	Makanchi	47.95 308	P	P	16 09 04.2 -5.0
MKAR	Makanchi	47.95 308	P	P	16 01 57.3 -4.6
MKAR	Makanchi	47.95 308	P	P	16 22 56.5
MKAR	Makanchi	47.95 308	P	P	16 02 19.4 -0.9
MKAR	Makanchi	47.95 308	P	P	16 03 47.8 +0.9
MKAR	Makanchi	47.95 308	P	P	16 07 29.4 -1.2
RPSI	Rantau Prapat	47.95 244	P	P	16 02 20.8 0.0
RPSI	Rantau Prapat	47.95 244	P	P	16 02 22.3
MAKZ	Makanchi	48.16 308	P	P	16 02 21.5 -0.5
MAKZ	Makanchi	48.16 308	P	P	16 02 21.5 -0.5
MAKZ	Makanchi	48.16 308	P	P	16 03 48.6 +1.0
MAKZ	Makanchi	48.16 308	P	P	16 02 21.5 -0.5
MAKZ	Makanchi	48.16 308	P	P	16 03 48.6
MAKZ	Makanchi	48.16 308	P	P	16 02 21.8 -0.3
MAKZ	Makanchi	48.16 308	P	P	16 02 47.6 -0.9
ANM	Nome	48.21 28	P	P	16 02 22.0 -0.1
PKI	Pulchoki	48.32 282	P	P	16 02 22.8 -1.1
SDSI	Sungai Dareh	48.38 238	P	P	16 02 24.5 +0.5
BBJI	Bungbulang	48.81 226	P	P	16 02 27.6 +0.2
GKN	Geirka	48.85 283	P	P	16 02 26.7 -1.1
MDSI	Maura Dua	48.88 232	P	P	16 02 27.9 0.0
MDSI	Maura Dua	48.88 232	P	P	16 02 27.9 0.0
ADSI	Padang	49.09 239	P	P	16 02 29.4 -0.1
MASI	Maura Aman, Be	49.30 235	P	P	16 02 31.7 +0.6
LWLI	Luwang	49.35 232	P	P	16 02 30.7 -0.9
KSI	Kapahiang	49.40 234	P	P	16 02 31.6 -0.3
DANN	Dangising	49.50 283	P	P	16 02 32.5 -0.4
WBO	Warrungga Arr	49.55 188	P	P	16 02 31.1 -1.7
WBO	Warrungga Arr	49.55 188	P	P	16 02 36.2
FITZ	Fitzroy Crossi	49.72 199	P	P	16 02 34.8 +0.7
WRAB	Tennant Creek	49.72 188	P	P	16 02 33.3 -0.8
WRAB	Tennant Creek	49.72 188	P	P	16 02 32.7 -1.4
WRAB	Tennant Creek	49.72 188	P	P	16 02 32.8 -1.3
WRAB	Tennant Creek	49.72 188	P	P	16 03 12.0 -0.7
WRAB	Tennant Creek	49.72 188	P	P	16 02 32.8 -1.4
WRA	Warrungga Arr	49.73 188	P	P	16 02 36.5 -1.9
WRA	Warrungga Arr	49.73 188	P	P	16 02 36.5 -1.9
WRA	Warrungga Arr	49.73 188	P	P	16 09 25.3 -9.2
WRA	Warrungga Arr	49.73 188	P	P	16 02 33.0 -1.1
WRA	Warrungga Arr	49.73 188	P	P	16 02 34.2 -0.1
WRA	Warrungga Arr	49.73 188	P	P	16 02 34.2 -0.1
NRK	Noril'sk	49.82 338	P	P	16 09 34.0 -0.8
NRK	Noril'sk	49.82 338	P	P	16 02 34.7 +0.4
NRK	Noril'sk	49.82 338	P	P	16 02 44.0
NRK	Noril'sk	49.82 338	P	P	16 02 34.7 +0.4
NRK	Noril'sk	49.82 338	P	P	16 02 35.1 -0.3
NRK	Noril'sk	49.82 338	P	P	16 02 36.1 +0.7
NRK	Noril'sk	49.82 338	P	P	16 02 35.5 +0.1
NRK	Noril'sk	49.82 338	P	P	16 02 35.1 -1.7
SHLS	Shalkode	50.16 303	P	P	16 02 34.0 -3.4
SHLS	Shalkode	50.16 303	P	P	16 02 34.0 -3.4
SHLS	Shalkode	50.16 303	P	P	16 02 37.8 -0.4
SHLS	Shalkode	50.16 303	P	P	16 02 36.1 -1.9
SHLS	Shalkode	50.16 303	P	P	16 02 36.0 -2.3
SHLS	Shalkode	50.16 303	P	P	16 02 36.1 -2.2
SHLS	Shalkode	50.16 303	P	P	16 02 38.4 -0.2
SHLS	Shalkode	50.16 303	P	P	16 02 39.1
SHLS	Shalkode	50.16 303	P	P	16 02 38.1 -0.5
SHLS	Shalkode	50.16 303	P	P	16 02 38.0 -0.5
SHLS	Shalkode	50.16 303	P	P	16 02 39.4 -0.5
SHLS	Shalkode	50.16 303	P	P	16 02 39.4 -0.5
SHLS	Shalkode	50.16 303	P	P	16 02 41.1 -0.3
SHLS	Shalkode	50.16 303	P	P	16 02 41.1 -0.3
SHLS	Shalkode	50.16 303	P	P	16 02 41.2 -0.5
SHLS	Shalkode	50.16 303	P	P	16 02 41.1 -0.3
SHLS	Shalkode	50.16 303	P	P	16 02 42.2 -0.9
SHLS	Shalkode	50.16 303	P	P	16 02 42.2 -0.9
SHLS	Shalkode	50.16 303	P	P	16 02 43.1 -0.2
SHLS	Shalkode	50.16 303	P	P	16 02 43.0 -0.2
SHLS	Shalkode	50.16 303	P	P	16 02 46.7 -1.5
SHLS	Shalkode	50.16 303	P	P	16 02 49.9
SHLS	Shalkode	50.16 303	P	P	16 02 46.7 -1.5
SHLS	Shalkode	50.16 303	P	P	16 02 48.1 -1.3
SHLS	Shalkode	50.16 303	P	P	16 02 49.6 +0.2
SHLS	Shalkode	50.16 303	P	P	16 02 49.4 -0.2
SHLS	Shalkode	50.16 303	P	P	16 02 49.6 -0.5
SHLS	Shalkode	50.16 303	P	P	16 02 49.6 -0.5
SHLS	Shalkode	50.16 303	P	P	16 02 50.5 0.0
SHLS	Shalkode	50.16 303	P	P	16 02 50.5 0.0
SHLS	Shalkode	50.16 303	P	P	16 02 51.5 0.0
SHLS	Shalkode	50.16 303	P	P	16 02 51.2 +0.1
SHLS	Shalkode	50.16 303	P	P	16 02 51.2 +0.1
SHLS	Shalkode	50.16 303	P	P	16 02 53.1 -0.4
SHLS	Shalkode	50.16 303	P	P	16 02 53.1 -0.4
SHLS	Shalkode	50.16 303	P	P	16 02 53.5 -1.2
SHLS	Shalkode	50.16 303	P	P	16 02 59.2 +0.5
SHLS	Shalkode	50.16 303	P	P	16 23 41.7
SHLS	Shalkode	50.16 303	P	P	16 03 04.5 +3.9
SHLS	Shalkode	50.16 303	P	P	16 02 59.6 -0.6
SHLS	Shalkode	50.16 303	P	P	16 03 00.0 -1.8
SHLS	Shalkode	50.16 303	P	P	16 03 00.5 -1.4
SHLS	Shalkode	50.16 303	P		

10d 15h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Log Cabin Wild, Garm, M26K Nabesna, AK, etc.

2017 MAR

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Akhty, Galich'ya Gora, Obninsk, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Mcherson Peak, NORSAR Array S, HFS Hagfors, etc.

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

JMA 10:15:54:07.0,1.397N:0.3:141.8E:0.6, h56km, MV0.4/19,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the JMA region.

ISK 10:16:04:00.7,39:50N:26:11E, h8km, ML1.7/5, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the ISK region.

IDC 10:16:09:05.7:860.0,53:12N:33:47E, h0km, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the IDC region.

IDC 10:16:13:35.0:1.7,6:46S:105:25E, h42km, 13km, mb4.3/22,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the IDC region.

ISC 10:16:13:35.0:0.6,6:73S:0:05:105:02E:0:05, h54km, 4km,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the ISC region.

Main table listing stations with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details.

Main table listing stations with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RIGZ Rimuhav, SNGZ Shannon Statio, etc.

NAO 10 16:41:09.0±1.4, 72°78N-4°32E, ML4.6
IEPN 10 16:41:10.0, 72°85N-3°89E, h10km
IDC 10 16:41:10.0-4.0, 72°83N-4°49E, h0km, mb4.4/38, mbtmp=4.4/5, ML3.8/7, MS4.1/80, Error ellipse: s-maj=10.3km s-min=8.0km az=46.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BJO1 Bjornoya, JMIC Jim Jayen, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPA0 Spitsbergen Ar, SPIT5 Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KONO Kongsberg, BL55 Blsjo, etc.

2017 MAR

571	CLL	Collm	21.92 166	eP	P	16 46 05.0 +0.4
	CLL	comp=Z,109nm,2.2s				
	CLL			eS	sP	16 46 09.0 -0.9
	CLL			i/PP	x	16 46 13.0
	CLL			i/PP	x	16 46 30.5
	CLL			ex	x	16 46 48.0
	CLL			eS	x	16 50 03.0 -2.8
	CLL			AMS	AMS	16 55 00.0
	CLL	Collm	21.92 166	eP	S	16 46 05.0 +0.4
	CLL			eS	S	16 50 03.0 -2.8
	CLL			pmax	pmax	
	CLL	comp=Z,109nm,2.2s				
	CLL	Collm	21.92 166	eP	P	16 46 05.1 +0.6
	CLL	comp=Z,133nm,1.8s,baz=354,slow=10				
	NEUB	Neuenburg	21.93 168	eP	P	16 46 07.2 +2.5
	NEUB	comp=Z,24nm,1.1s,baz=354,slow=10				
	HGN	Heimansgroeve	22.16 178	eP	P	16 46 07.6 +0.5
	OBN	Obninsk	22.16 126	eP	P	16 46 06.5 -0.6
	OBN	comp=Z,4.4nm,0.4s,baz=21,slow=2.0,SNR=22				
	OBN			LR	LR	16 54 25.5
	OBN	comp=Z,456nm,19.9s,baz=348,slow=36				
	OBN	comp=Z,4.4nm,0.4s				
	OBN	Obninsk	22.16 126	eP	P	16 46 06.2 -0.9
	OBN	Obninsk	22.16 126	eP	P	16 46 07.4 +0.3
	OBN					16 46 27.1
	OBN	comp=Z,64nm,1.0s		pmax	pmax	
	OBN			MLR	MLR	
	UBBA	Unterbreizbach	22.22 171	eP	P	16 46 08.8 +1.1
	UBBA	comp=Z,185nm,1.7s,baz=354,slow=10				
	BEL	Beisk	22.23 153	eP	P	16 46 08.8 +1.0
	BEL	comp=Z,133nm,1.8s,baz=354,slow=10				
	MEM	Membach	22.31 177	eP	P	16 46 09.9 +1.1
	MEM	Freiberg	22.33 165	eP	P	16 46 10.7 +1.7
	MEM	comp=Z,42nm,0.8s,baz=354,slow=10				
	BSTI	Sart Tilman	22.33 178	eP	P	16 46 10.3 +1.4
	BTNL	Ternell	22.34 177	eP	P	16 46 10.0 +0.9
	BTNL	comp=Z,149nm,1.6s				
	AHRW	Bad Neuenahr-A	22.34 176	eP	P	16 46 09.9 +0.2
	AHRW	comp=Z,128nm,1.2s,baz=354,slow=10				
	SNF	Senefte	22.40 180	eP	P	16 46 09.9 +0.2
	BRG	Berggiesshubel	22.43 164	eP	P	16 46 11.1 +1.1
	BRG	comp=Z,23nm,1.2s		Amp		
	BRG	Berggiesshubel	22.43 164	eP	P	16 46 21.8 +1.2
	BRG	comp=Z,52nm,1.4s		Amp		
	BRG	Berggiesshubel	22.43 164	eP	S	16 50 21.0 +5.6
	BRG	comp=Z,0.9nm,15.9s		Amp		
	BRG	comp=N,0.6nm,15.7s		Amp		
	BRG	comp=E,0.1nm,14.3s		Amp		
	BRG	Berggiesshubel	22.43 164	eP	P	16 46 11.1 +1.1
	BRG	comp=Z,23nm,1.2s		pmax	pmax	
	BRG	comp=Z,917nm,15.9s		MLR	MLR	
	BRG	comp=N,606nm,15.7s		MLR	MLR	
	BRG	comp=E,111nm,14.3s		MLR	MLR	
	BRG	Berggiesshubel	22.43 164	eP	P	16 46 11.4 +1.4
	BRG	comp=Z,52nm,1.4s,baz=354,slow=10				
	BRG	Berggiesshubel	22.43 164	eP	P	16 46 51.5 +4.2
	MOX	Moxa	22.49 168	eP	P	16 46 11.9 +1.2
	MOX	comp=Z,60nm,1.2s		pmax	pmax	
	MOX	Moxa	22.49 168	eP	P	16 46 12.6 +1.9
	MOX	comp=Z,110nm,1.4s,baz=354,slow=10				
	BCLA	Clavier	22.49 179	eP	P	16 46 11.7 +1.0
	BCLA	Gesves	22.53 179	eP	P	16 46 11.6 +0.5
	BCLA	Kirov	22.55 105	eP	P	16 46 11.2 0.0
	BCLA	comp=Z,40nm,0.9s,baz=326,slow=8,SNR=31				
	KIRV			LR	LR	16 55 08.4
	KIRV	comp=Z,769nm,19.5s,baz=331,slow=37				
	KIRV	comp=Z,40nm,0.9s				
	KIRV	Kirov	22.55 105	eP	P	16 46 10.7 -0.5
	BHOU	Houvezneq	22.57 177	eP	P	16 46 13.3 +1.8
	BHOU	comp=Z,110nm,1.4s,baz=354,slow=10				
	BMRD	Maredsous	22.61 180	eP	P	16 46 11.4 -0.6
	KSP	Ksiaz	22.67 160	eP	P	16 46 13.2 +0.6
	PLN	Plauen	22.69 167	eP	P	16 46 14.4 +1.7
	PLN	comp=Z,78nm,1.3s,baz=354,slow=10				
	WERD	Werda	22.73 167	eP	P	16 46 14.9 +1.7
	TNS	Tanus Mts	22.76 173	eP	P	16 46 13.7 +0.1
	TNS	comp=Z,59nm,1.2s,baz=354,slow=10				
	RCHB	Rochefort	22.76 179	eP	P	16 46 14.4 +0.9
	RCHB	comp=Z,41nm,1.3s,baz=354,slow=10				
	TANN	Tannenbergestha	22.77 167	eP	P	16 46 15.5 +1.8
	TANN	comp=Z,69nm,1.2s,baz=354,slow=10				
	GUNZ	Gunzen	22.81 167	eP	P	16 46 15.9 +1.7
	GUNZ	comp=Z,83nm,1.4s,baz=354,slow=10				
	DOU	Dourbes	22.82 180	eP	P	16 46 14.6 +0.5
	PVCC	Panska Ves	22.82 163	AMS	AMS	16 55 20.0
	WERN	Wernitzgruen	22.89 167	eP	P	16 46 16.7 +1.8
	WERN	comp=Z,142nm,1.4s,baz=354,slow=10				
	OSTC	Ostas	22.94 161	eP	P	16 46 17.0 +1.5
	OSTC	comp=Z,142nm,1.4s,baz=354,slow=10				
	OSTC			eP	AMS	16 46 24.3 +2.1
	OSTC			AMS		16 55 00.0
	OSTC	comp=Z,11um,17.0s				
	OSTC	Ostas	22.94 161	eP	P	16 46 17.0 +1.5
	OSTC			ePP	MLR	16 46 24.3 +2.1
	OSTC			MLR		
	OSTC	comp=Z,11um,17.0s				
	NKC	Novy Kostel	22.95 167	eP	P	16 46 17.8 +2.2
	NKC	comp=Z,200nm,14.6s				
	NKC	Novy Kostel	22.95 167	eP	P	16 46 24.1 +1.9
	NKC	comp=Z,800nm,14.6s				
	NKC	Novy Kostel	22.95 167	eP	P	16 46 17.8 +2.2
	NKC	comp=Z,800nm,14.6s				
	NKC	Novy Kostel	22.95 167	eP	P	16 46 24.1 +1.9
	NKC	comp=Z,800nm,14.6s				
	UPC	Udice	22.97 161	eP	P	16 46 18.3 +2.5
	UPC	comp=Z,11um,16.9s				
	UPC	Udice	22.97 161	eP	P	16 46 18.3 +2.5
	UPC	comp=Z,11um,16.9s				
	DPC	Dobruska-Polom	23.16 160	eP	P	16 46 18.3 +0.6
	DPC	comp=Z,11um,16.9s				
	DPC	Dobruska-Polom	23.16 160	eP	P	16 46 24.7 +0.3
	DPC	comp=Z,11um,16.9s				
	DPC	Dobruska-Polom	23.16 160	eP	P	16 50 30.0 +1.5
	DPC	comp=Z,11um,16.9s				
	DPC	Dobruska-Polom	23.16 160	eP	P	16 46 18.3 +0.6
	DPC	comp=Z,11um,16.9s				
	DPC	Dobruska-Polom	23.16 160	eP	P	16 46 24.7 +0.3
	DPC	comp=Z,11um,16.9s				
	DPC	Dobruska-Polom	23.16 160	eP	P	16 50 30.0 +1.5
	DPC	comp=Z,11um,16.9s				
	MANZ	Manzenberg	23.17 167	eP	P	16 46 19.2 +1.4
	MANZ	comp=Z,5.9nm,1.1s,baz=354,slow=10				
	WLF	Walferdange	23.26 177	eP	P	16 46 17.6 -1.1
	WLF	comp=Z,94nm,1.7s				
	WLF	Walferdange	23.26 177	eP	P	16 46 17.6 -1.1
	WLF	comp=Z,94nm,1.7s				
	WLF	Walferdange	23.26 177	eP	P	16 46 20.1 +1.4
	WLF	comp=Z,94nm,1.7s				
	WLF	Walferdange	23.26 177	eP	P	16 46 32.4
	WLF	comp=Z,94nm,1.7s				
	PRU	Pruhonice	23.35 163	eP	P	16 46 21.8 +2.2
	PRU	comp=Z,82nm,1.7s,baz=354,slow=10				
	PRU	Pruhonice	23.35 163	eP	P	16 46 28.1 +0.9
	PRU	comp=Z,82nm,1.7s,baz=354,slow=10				
	PRU	Pruhonice	23.35 163	eP	P	16 50 33.5 +1.9
	PRU	comp=Z,82nm,1.7s,baz=354,slow=10				
	PRU	Pruhonice	23.35 163	eP	P	16 46 21.8 +2.2
	PRU	comp=Z,82nm,1.7s,baz=354,slow=10				
	PRU	Pruhonice	23.35 163	eP	P	16 46 28.1 +0.9
	PRU	comp=Z,82nm,1.7s,baz=354,slow=10				
	PRU	Pruhonice	23.35 163	eP	P	16 50 33.5 +1.9
	PRU	comp=Z,82nm,1.7s,baz=354,slow=10				
	ROTZ	Rotzenmuhle	23.40 167	eP	P	16 46 21.3 +1.2
	ROTZ	comp=Z,14nm,1.2s,baz=354,slow=10				
	GRA1	Grafenberg Arr	23.41 169	eP	P	16 46 20.9 +0.6
	GRA1	comp=Z,51nm,1.1s				
	GRF	Grafenberg Arr	23.41 169	eP	P	16 46 20.9 +0.6
	GRF	comp=Z,51nm,1.1s				

GRF	Grafenberg Arr	23.41 169	eP	P	16 46 21.9 +1.7
GRF	comp=Z,61nm,1.1s,baz=354,slow=10				
GRFO	Grafenberg	23.41 169	eP	P	16 46 21.3 +1.0
GRFO	comp=Z,54nm,1.2s				
GRFO	Grafenberg	23.41 169	eP	P	16 46 21.3 +1.0
GRFO	comp=Z,54nm,1.2s				
GOPC	GO Pecny, Ondr	23.45 163	eP	P	16 46 22.1 +1.5
GOPC	comp=Z,11um,14.7s				
GOPC	GO Pecny, Ondr	23.45 163	eP	P	16 46 22.1 +1.5
GOPC	comp=Z,11um,14.7s				
KRLC	Kraliky	23.48 160	eP	P	16 46 21.5 +0.6
KRLC	comp=Z,11um,17.7s				
KRLC	Kraliky	23.48 160	eP	P	16 46 26.6 +0.6
KRLC	comp=Z,11um,17.7s				
KRLC	Kraliky	23.48 160	eP	P	16 46 21.5 +0.6
KRLC	comp=Z,11um,17.7s				
KRLC	Kraliky	23.48 160	eP	P	16 46 26.6 +0.6
KRLC	comp=Z,11um,17.7s				
OJC	Ojcow	23.68 155	eP	P	16 46 23.9 +1.0
OJC	comp=Z,34nm,1.0s				
OJC	Ojcow	23.68 155	eP	P	16 46 23.6 +0.8
OJC	comp=Z,34nm,1.0s				
OJC	Ojcow	23.68 155	eP	P	16 46 23.6 +0.8
OJC	comp=Z,34nm,1.0s				
MORC	Moravsky Berou	23.85 159	eP	P	16 46 25.5 +1.0
MORC	comp=Z,69nm,1.5s				
MORC	Moravsky Berou	23.85 159	eP	P	16 46 24.6 0.0
MORC	comp=Z,69nm,1.5s				
MORC	Moravsky Berou	23.85 159	eP	P	16 46 25.5 +1.0
MORC	comp=Z,69nm,1.5s				
MORC	Moravsky Berou	23.85 159	eP	P	16 46 24.6 0.0
MORC	comp=Z,69nm,1.5s				

10d 16h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like MDPB Devils Postpil, TPNV Topopah Spring, etc.

2017 MAR

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like LOKK, CHTO Chiang Mai, CMAR Chiang Mai Arr, etc.

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Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TNOU National Taiwa, ENA Nanau, FUSB Fushanzhiwuyua, etc.

NIED 10 16:48:50.0, 24:70N, 122:25E, h39km, MW4.0, Moment Tensor Solution. s2 Moment tensor: Scale 10^14 Nm; Mw=5.41; Mw9.53; Mw9.42; Mw4.93; Mw3.04; Mw9.066; Fault plane solution: M9.55000x10^14 NP1: phi282.00000, delta66.00000, lambda-59.00000. NP2: phi46.00000, delta338.00000, lambda-139.00000

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Azimuth Error, Elevation Error, and other parameters. Includes stations like EGS, TWB1, EOS2, etc.

TEYL	baz=268 Yanliu Villag baz=213	1.11 215	eP	Pn	16 49 11.1 +1.0
TEYL	baz=213		eS	Sn	16 49 28.0 +2.6
WHF	baz=234 Hehuan Shan baz=234	1.14 236	eP	Pb	16 49 09.1 -1.3
WHF	baz=234		eS	Sb	16 49 24.4 -1.0
TWT	baz=242 Tachien baz=242	1.15 243	eP	Pb	16 49 10.4 -0.1
TWT	baz=242		eS	Sb	16 49 25.3 -0.3
NHW	baz=283 Xinwu Township baz=283	1.16 281	eP	Pb	16 49 10.6 +0.1
NHW	baz=283		eS	Sg	16 49 25.9 +0.1
HSN1	baz=271 Hsinchu baz=271	1.17 270	eP	Pg	16 49 11.0 +0.1
TDCB	baz=242 Tehi baz=242	1.17 243	eP	Pb	16 49 10.7 -0.1
TDCB	baz=242		eS	Sb	16 49 25.5 -0.4
LIOB	baz=264 Emei baz=264	1.18 263	eP	Pg	16 49 11.2 +0.1
LIOB	baz=264		eS	Sn	16 49 27.4 +0.4
NSTT	baz=263 Nanjuang baz=263	1.19 263	eP	Pb	16 49 11.2 +0.2
NSTT	baz=263		eS	Sn	16 49 27.1 -0.2
SBCB	baz=271 Hsinchu baz=271	1.19 271	eP	Pb	16 49 11.2 0.0
SBCB	baz=271		eS	Sn	16 49 27.7 +0.4
HSN	baz=273 Hsinchu baz=273	1.21 271	eP	Pn	16 49 11.0 -0.3
ESL	baz=216 Shilin baz=216	1.25 219	eP	Sn	16 49 27.9 +0.2
ESL	baz=216		eS	Pg	16 49 11.6 -0.3
ESL	baz=216		eS	Sg	16 49 29.5 +0.8
CHGB	baz=233 Renai baz=233	1.25 235	eP	Pn	16 49 12.1 -0.1
CHGB	baz=233		eS	Sb	16 49 28.1 -0.5
TEGC	baz=210 Jichi Village baz=210	1.28 213	eP	Pg	16 49 13.4 +0.4
TEGC	baz=210		eS	Sg	16 49 31.7 +2.1
NJN	baz=266 Zhunan baz=266	1.30 266	eP	Pg	16 49 14.4 +0.9
NJN	baz=266		eS	Sg	16 49 30.4 -0.1
OWD	baz=229 Renai baz=229	1.32 231	eP	Pb	16 49 13.2 -0.2
OWD	baz=229		eS	Sb	16 49 30.1 -0.1
WHP	baz=247 Taichung City baz=247	1.33 248	eP	Pb	16 49 14.0 -0.1
WHP	baz=247		eS	Sb	16 49 29.2 -1.5
WUSB	baz=232 Renai baz=232	1.34 234	eP	Pn	16 49 13.3 +0.1
WUSB	baz=232		eS	Sb	16 49 30.3 -0.5
EGFH	baz=213 Guangfu baz=213	1.37 216	eP	Pb	16 49 13.9 -0.2
EGFH	baz=213		eS	Sg	16 49 33.3 +0.8
NMLH	baz=260 Miaoqi baz=260	1.40 260	eP	Pg	16 49 16.4 +1.2
NMLH	baz=260		eS	Sg	16 49 34.8 +1.5
WPL	baz=237 Puli Township baz=237	1.45 238	eP	Pg	16 49 15.9 -0.3
WPL	baz=237		eS	Sn	16 49 33.5 -0.1
NSY	baz=255 Sanyi baz=255	1.45 256	eP	Pg	16 49 16.0 -0.3
NSY	baz=255		eS	Sg	16 49 37.0 +1.9
TWQ1	baz=252 Liyutan baz=252	1.46 253	eP	Pg	16 49 16.6 +0.2
TWQ1	baz=252		eS	Sb	16 49 36.1 +0.7
WCS	baz=239 Beigang Elemen baz=239	1.46 240	eP	Pb	16 49 16.0 +0.4
WCS	baz=239		eS	Sg	16 49 34.9 -0.5
DPDB	baz=238 Guoxing baz=238	1.46 239	eP	Pb	16 49 16.0 +0.3
DPDB	baz=238		eS	Sn	16 49 33.9 -0.1
VWDT	baz=224 WYDT baz=224	1.47 226	eP	Pb	16 49 16.0 +0.1
VWDT	baz=224		eS	Sb	16 49 34.3 -0.3
HGSD	baz=209 Ruisui baz=209	1.52 212	eP	Pn	16 49 15.8 +0.2
HGSD	baz=209		eS	Sg	16 49 39.1 +1.8
EHY	baz=213 Hungye baz=213	1.56 215	eP	Sn	16 49 15.9 -0.2
EHY	baz=213		eS	Sn	16 49 36.5 +0.2
SMLT	baz=233 Sun Moon Lake baz=233	1.56 235	eP	Pb	16 49 17.7 +0.2
SMLT	baz=233		eS	Sg	16 49 39.4 +0.6
WDJ	baz=254 Dajia District baz=254	1.57 254	eP	Pg	16 49 19.5 +0.8
SSLB	baz=230 Suanglung baz=230	1.58 231	eP	Pb	16 49 17.9 +0.2
SSLB	baz=230		eS	Pb	16 49 17.8 +0.1
SSLB	baz=230		eS	Sb	16 49 38.3 +0.5
TYC	baz=235 Yuchr baz=235	1.58 237	eP	Pb	16 49 17.9 +0.1
TYC	baz=235		eS	Sg	16 49 38.6 -0.8
TCU	baz=246 Taichung baz=246	1.61 247	eP	Pg	16 49 20.1 +0.7
TCU	baz=246		eS	Sg	16 49 41.9 +1.7
WWF	baz=242 Wufeng baz=242	1.64 243	eP	Pb	16 49 19.8 -0.1
JKRS	baz=246 Kuro-shima baz=246	1.65 109	P	Pn	16 49 17.8 +0.4
JKRS	baz=246		eS	Sn	16 49 38.1 -0.5
YULB	baz=211 Yuli baz=211	1.66 214	P	Pn	16 49 17.7 +0.1
YULB	baz=211		eS	Pn	16 49 17.3 -0.3
EYUL	baz=210 Yuli baz=210	1.69 212	eP	Pn	16 49 18.3 +0.4
TWF1	baz=210 Yuli baz=210	1.70 213	eP	Pn	16 49 17.9 -0.2
TWF1	baz=210		eS	Sb	16 49 41.4 +0.3
WJS	baz=235 Zhushan baz=235	1.73 237	eP	Pb	16 49 21.2 -0.4
WJS	baz=235		eS	Sg	16 49 45.4 +1.4
WNT	baz=237 Mingjiang baz=237	1.73 239	eP	Pb	16 49 20.8 +0.6
WNT	baz=237		eS	Sg	16 49 45.7 +1.6
JJH	baz=246 Ishigaki jima baz=246	1.73 104	P	Pb	16 49 19.6 -0.6
WCHH	baz=246 Zhanghua baz=246	1.74 246	eP	Pb	16 49 21.7 -0.1
FULB	baz=208 Fuli baz=208	1.83 210	eP	Pn	16 49 20.0 +0.1
FULB	baz=208		eS	Sb	16 49 44.3 -0.6
ALS	baz=225 Alishan baz=225	1.86 227	eP	Pb	16 49 22.4 -0.3
ALS	baz=225		eS	Sb	16 49 46.8 +0.6
CHKT	baz=205 Chengkung baz=205	1.88 207	eP	Pn	16 49 20.1 -0.5
CHN5	baz=230 Tsauling baz=230	1.90 232	eP	Pb	16 49 23.7 +0.5
CHN5	baz=230		eS	Pb	16 49 49.4 0.0
EHD	baz=210 Haiduan baz=210	1.91 212	eP	Pn	16 49 20.6 -0.5
WGK	baz=294 Gukeng baz=294	1.93 236	eP	Pb	16 49 23.6 0.0

WGK	baz=234 Douliu baz=234	1.94 236	eP	Pb	16 49 50.7 +0.3
WDLH	baz=235 Douliu baz=235	1.94 236	eP	Pb	16 49 23.5 -0.4
WDLH	baz=235		eS	Sg	16 49 50.5 -0.4
ECS	baz=209 Chishang baz=209	1.95 211	eP	Pn	16 49 22.5 +1.0
WRL	baz=243 Guolierlin Hig baz=243	1.96 244	eP	Pb	16 49 23.6 -0.6
ELDTW	baz=215 Lidau baz=215	1.98 217	eP	Pb	16 49 41.8 -0.2
ELDTW	baz=215		eS	Sb	16 49 49.1 -0.1
EDH	baz=205 Donghe baz=205	2.02 207	eP	Pn	16 49 22.2 -0.3
WCKO	baz=228 Fanlu baz=228	2.05 229	eP	Pb	16 49 26.0 +0.3
WCKO	baz=228		eS	Sb	16 49 50.7 -0.6
WTK	baz=228 Tuku baz=228	2.06 238	eP	Pb	16 49 25.1 -0.7
CHN2	baz=232 Minshiang baz=232	2.08 234	eP	Pb	16 49 26.4 +0.1
CHN2	baz=232		eS	Sg	16 49 55.6 +0.1
CHN4	baz=226 Tsauhsan baz=226	2.12 228	eP	Pb	16 49 26.9 +0.1
CHN4	baz=226		eS	Sg	16 49 55.8 -0.6
TPUB	baz=226 Ta-pu baz=226	2.12 226	P	Pb	16 49 26.1 -0.9
TPUB	baz=226		eS	Pb	16 49 26.8 -0.3
TPUB	baz=226		eS	Sb	16 49 54.4 +1.0
STYH	baz=225 Taoyuan baz=225	2.13 221	eP	Pb	16 49 25.6 -1.4
CHY	baz=232 Chiayi baz=232	2.14 234	eP	Pb	16 49 26.9 -0.4
STY	baz=224 Tayuan baz=224	2.15 221	eP	Pb	16 49 26.1 -1.3
LONGT	baz=208 Longtuan baz=208	2.16 210	eP	Pb	16 49 24.6 +0.2
WTP	baz=224 Ta-pu baz=224	2.17 226	eP	Pb	16 49 27.4 -0.5
WTP	baz=224		eS	Sb	16 49 55.5 +0.6
WSF	baz=238 Szu baz=238	2.21 239	eP	Pb	16 49 26.9 -1.6
WSF	baz=238		eS	Sn	16 49 52.7 +0.2
LDUT	baz=198 Ludao baz=198	2.24 200	eP	Pb	16 49 25.0 -0.5
TWK	baz=226 Hsinying baz=226	2.24 228	eP	Pb	16 49 28.3 -0.8
TWK	baz=226		eS	Sb	16 49 56.0 -0.8
TWGBT	baz=220 Beinan baz=220	2.25 210	P	Pn	16 49 26.3 +0.6
TWGBT	baz=220		eP	Pn	16 49 25.1 -0.7
TWG	baz=208 Pinlang baz=208	2.26 210	eP	Pn	16 49 26.0 +0.2
SNST	baz=225 Tainan City baz=225	2.27 227	eP	Pb	16 49 30.5 +1.0
SNST	baz=225		eS	Sg	16 50 01.2 -0.2
CHN1	baz=225 Nanshi baz=225	2.27 226	eP	Pb	16 49 28.5 -1.1
CHN1	baz=224		eS	Sb	16 49 58.3 +0.7
WSL	baz=236 Shulin Townsh baz=236	2.27 237	eP	Pb	16 49 27.9 -1.6
WSL	baz=236		eS	Sb	16 49 59.3 +1.7
SGST	baz=221 Jiashian baz=221	2.31 223	eP	Pn	16 49 27.9 +1.4
SGST	baz=221		eS	Sb	16 49 59.1 +0.3
ICHU	baz=232 Yijhu baz=232	2.33 233	eP	Pb	16 49 29.7 -0.8
SLGT	baz=219 Liugu baz=219	2.34 221	eP	Pn	16 49 28.3 +1.4
CHN8	baz=232 Yiju baz=232	2.39 234	eP	Pb	16 49 30.2 -1.3
ECL	baz=208 Taimali baz=208	2.50 210	eP	Pn	16 49 29.2 +0.1
SCST	baz=220 Cishan baz=220	2.51 222	eP	Pb	16 49 33.5 -0.1
MATB	baz=304 Ma-tsu baz=304	2.52 303	eP	Sn	16 49 28.9 -0.6
MATB	baz=304		eS	Sn	16 49 57.5 -2.8
SSD	baz=215 Sandimen baz=215	2.54 217	eP	Pb	16 49 31.9 -2.2
SSD	baz=215		eS	Sn	16 50 02.6 +2.0
VWUC	baz=275 VWUC baz=275	2.60 275	eP	Pb	16 49 29.7 -0.7
TWMT	baz=275 Shoushan baz=275	2.60 222	eP	Pb	16 49 34.6 -0.6
MASBT	baz=214 Masbut baz=214	2.65 216	eP	Pn	16 49 33.2 +2.0
EAST	baz=208 Anshuo baz=208	2.74 209	eP	Pn	16 49 32.7 +0.3
EAST	baz=208		eS	Sn	16 50 07.4 +1.9
TAWH	baz=208 Dawu Township baz=208	2.76 208	eP	Pn	16 49 33.1 +0.5
PHUB	baz=242 P'eng-hu baz=242	2.79 244	eP	Pn	16 49 33.9 +0.7
PHUB	baz=242		eS	Sn	16 50 08.0 +1.1
LAY	baz=192 Lanyu baz=192	2.82 194	eP	Pn	16 49 32.8 -0.7
XPSS	baz=320 Dashiqu baz=320	2.86 319	eP	Pn	16 49 33.5 -0.5
XPSS	baz=320		eS	Sn	16 50 06.5 -1.9
LYJJ	baz=909 Jianjiangzhen baz=909	2.89 308	eP	Pn	16 49 33.7 -0.7
LYJJ	baz=909		eS	Sn	16 50 06.8 -2.4
BBP	baz=242 Basco baz=242	4.33 184	eP	Pn	16 49 53.7 -0.7
BBP	baz=242		eS	Sn	16 50 40.6 -4.3
CICP	baz=192 Kalayan Island baz=192	5.55 188	P	Pn	16 50 11.9 +0.9
CICP	baz=192		eS	Sn	16 51 13.3 -1.4
JOW	baz=07 Kunigami baz=07	5.76 68	P	Pn	16 50 17.5 +3.6
JOW	baz=07		eS	Sn	16 51 13.1 -6.9
ABRA	baz=203 Nakatsume baz=203	7.25 192	eP	Pn	16 50 37.1 +2.6
JNU	baz=42 Nakatsume baz=42	11.19 40	LR	LR	16 56 51.0
KRSR	baz=19 Korea Array baz=19	13.51 19	P	P	16 52 05.5 -3.8
KRSR	baz=19		eS	LR	16 58 03.7
DAV	baz=38 Davao City (W) baz=38	17.89 169	LR	LR	17 00 13.2
MJAR	baz=42 Matsushiro Arr baz=42	17.99 46	LR	LR	17 00 48.0
USRK	baz=40 Ussuriysk Arr baz=40	20.92 20	P	P	16 53 32.4 +1.4
CMAR	baz=19 Chiang Mai Arr baz=19	22.59 258	P	P	16 53 50.9 +1.7
GUMO	baz=39 Guam baz=39	24.01 113	LR	LR	17 04 25.8
ASAJ	baz=39 Asahikawa baz=39	25.41 36	P	P	16 54 16.9 +0.9
SONM	baz=12 Songo Array baz=12	26.23 335	P	P	16 54 25.2 +1.7
MKAR	baz=22 Makanchi Array baz=22	38.62 315	P	P	16 56 12.6 +0.8
ZALV	baz=41 Zalesovo Beam baz=41	40.30 326	P	P	16 56 26.6 +1.0
KURBB	baz=18 Kurchatov Arr baz=18	42.31 319	P	P	16 56 45.3 +3.1
WRA	baz=119 Warramunga Arr baz=119	45.98 164	P	P	16 57 11.8 0.0
BVAR	baz=25 Borovoye Array baz=25	47.86 320	P	P	16 57 29.3 +3.0

ASAR	baz=108 Alice Springs baz=108	49.46 166	P	P	16 57 39.1 +0.2
STKA	baz=69 Stephens Creek baz=69	59.28 161	P	P	16 58 48.5 -1.8
YKA	baz=16 Yellowknife Ar baz=16	82.02 23	P	P	17 01 07.1 -1.3
WEL 10 16:54:56.3±0.5 40°S, 147°17'E, h33km					

RUNV 10 17:01:56.5, 6.25N, 72.72W, h5km, MW3.5
F5UNV 10 17:02:00.5, 0.8, 6.80N, 73.14W, h142km, 3km, ML3.0, MW3.4

ISC 10 17:01:57.7, 1.3, 6.89N, 0.03, 73.08W, 0.03, h157km, 8km, n29, i153/57, SC, Northern Colombia

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

ISC 10 17:17:38.8, 4.7, 15.36S, 173.45W, h0km, mb3.6/3, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=248.5km s-min=24.8km az=145.0, Tonga Islands

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

ISC 10 17:18:04.4, 2.0, 72.67N, 4.92E, h0km, mb3.4/1, mbtmp3.4/6, ML2.6/5, MS3.0/1, Error ellipse: s-maj=26.6km s-min=22.6km az=96.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the MS3.0/1 event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the MS3.0/1 event.

DJA 10 17:31:51.9, 0.3, 8.54, -11.8E, h10km, M3.7/10, mb4.1/1, ML3.5/10, Sumbawa region

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

ROM 10 17:35:05.1, 0.1, 42.820N, 0.006E, 13.340E, 0.006, h8km, ML1.1/5, 2C-1D, Error ellipse: s-maj=0.7km s-min=0.2km az=210.0, Central Italy

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

STR 10 17:38:20.1, 1.7, 43.1N, 6.3E, h5km, MLV2.2/7, Error ellipse: s-maj=0.0km s-min=0.0km az=63.2, preliminary LDG 10 17:38:21.5, 0.2, 43.00N, 1.52W, h10km, Md2.5/2, M2.5/18, Error ellipse: s-maj=4.3km s-min=3.4km az=127.0

MDD 10 17:38:23.1, 0.2, 43.00N, 1.67W, h12km, mb 1.2/2.4/15, Error ellipse: s-maj=2.5km s-min=1.6km az=166.0

ISC 10 17:38:21.6, 0.9, 43.04N, 0.02, 1.54W, 0.02, h20km, 3km, n4, i154/82, Pyrenees

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for various events.

ISC 10 18:10:10.2, 4.2, 5.01S, 147.17E, h184km, 50km, mb3.0/2, mbtmp3.6/4, Error ellipse: s-maj=93.1km s-min=32.6km az=108.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Eastern New Guinea region event.

ISC 10 18:11:34.2, 1.1, 33.13N, 0.05, 45.98E, 0.07, h6km, 9km, n6, c075/10, Iran-Iraq border region

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

VIE 10 18:22:27.3, 49.71N, 18.61E, h0km, mb2.8/1, m2.2/1 29 km ESE of Ostrava Suspected Mining induced.

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

OJC	Ojcow	0.94	62	ePg	Pg	18 22 45.1	-1.0
QJC				eSg	Sg	18 22 57.1	-1.2
MK31				ePg	Pg	18 22 50.1	-0.5
JAVC	Velka Javorina	1.08	211	ePg	Pg	18 22 49.4	-0.8
KRLC	Kralupy	1.15	285	ePg	Pg	18 23 05.7	+0.5
KRLC	comp-Z,27nm,0.5s			ePg	Pg		
NIE	Niedzica	1.22	107	ePg	Pg	18 22 52.5	0.0
NIE				eSg	Sg	18 23 10.7	+0.9
VYHS	Vyhne	1.31	170	ePg	Pg	18 22 52.9	-0.4
VYHS				eSg	Sg	18 23 12.4	+0.4
VRAC	Vranov	1.34	250	ePg	Pg	18 22 53.6	-0.2
VRAC	baz=67			eSg	Sb	18 23 11.6	-0.1
DPD	Dobruska-Polom	1.52	293	ePg	Pg	18 22 56.2	-0.4
DPD				eSg	Sg	18 23 16.6	-0.3
KRUC	Moravsky	1.56	243	ePg	Pg	18 22 57.3	+0.1
KRUC				eSg	Sg	18 23 18.6	+0.3
KRUC	Moravsky	1.56	243	ePg	Pg	18 22 57.2	+0.1
KRUC	baz=61			eSg	Sg	18 23 18.5	+0.3
MODS	Modra-Piesok	1.63	210	ePg	Pg	18 22 57.9	-0.2
MODS				eSg	Sg	18 23 20.5	0.0
MODS				eLg	Lg	18 23 23.2	
OSTS	Ostas	1.66	298	ePg	Pg	18 22 58.7	+0.1
OSTS				eSg	Sg	18 23 21.7	+0.1
UPC	Upice	1.76	295	ePg	Pg	18 23 00.3	+0.4
UPC				eSg	Sb	18 23 23.9	-0.1
KSP	Ksiaz	1.77	308	ePg	Pg	18 22 59.9	-0.2
KSP				eSg	Sg	18 23 23.4	+0.2
STHS	Stebnicka Huta	1.82	101	ePg	Pg	18 23 01.5	+0.8
STHS				eSg	Sg	18 23 27.4	+0.9
STHS				eLg	Lg	18 23 31.2	
GOPC	GO Pecny, Ondr	2.41	274	ePg	Pg	18 23 12.3	-0.1
GOPC				eSg	Sg	18 23 44.7	-0.9
CONA	Conrad Observa	2.55	224	ePn	Pn	18 23 10.0	-0.9
CONA	1.0nm,0.2s			eSg	Sg	18 23 41.2	-1.4
PRU	Pruhonice	2.57	276	eSg	Sg	18 23 49.7	-1.1
PVCC	Panska Ves	2.64	288	eSg	Sg	18 23 53.0	+0.1
CKRK	Cesky Krumlov	2.91	252	eSg	Sg	18 24 00.0	-1.7
CKRK	comp-Z,6.4nm,0.7s			eSg	Sg		
BRM	Berggiesshübel	3.12	292	Pb	Pb	18 23 25.4	+0.9
BRG				Sg	Sg	18 24 06.3	-2.1
BRG	comp-Z,3.7nm,0.5s			Ampp	Ampp	18 24 09.5	
KHC	Kasperske Hory	3.28	260	ePn	Pn	18 23 21.0	+0.1
KHC				ePg	Pb	18 23 29.0	+1.7
KHC				eSg	Sg	18 24 11.6	-2.0
CLL	Collim	3.83	296	eSg	Sg	18 24 30.0	-1.0

WMQ	Urumqi	65.02	322	eP	P	18 38 17.4	+3.4
MK31	Makanchi Array	69.79	322	P	P	18 38 44.5	+0.2
MK31				Iamb	Iamb	18 38 48.0	
MKAR	Makanchi Array	69.79	322	P	P	18 38 44.5	+0.2
MKAR	comp-Z,1.9nm,0.9s						
MKAR	comp-Z,1.5nm,0.5s,baz=102,slow=8.5,SNR=27						
MKAR	Makanchi Array	69.79	322	P	P	18 38 44.4	+0.2
MAKZ	Makanchi	69.99	322	P	P	18 38 45.5	+0.1
MAKZ				Iamb	Iamb	18 38 49.1	
PPT	Papeete	71.74	108	LR	LR	19 08 01.1	
PPT	comp-Z,2.2nm,1.8.2s,baz=159,slow=34						
ZALV	Zalesovo Beam	71.94	330	P	P	18 38 56.2	-0.8
ZALV	comp-Z,0.2nm,0.3s,baz=139,slow=6.8,SNR=1.8						
KURK	Kurchatov	73.72	325	P	P	18 39 08.1	+0.4
KURK				Iamb	Iamb	18 39 09.0	
GAR	Garm	75.11	311	P	P	18 39 16.6	+0.4
CHGR	Chuyangarron	75.89	311	P	P	18 39 20.9	+0.2
KKAR	Karatay Array	76.14	316	P	P	18 39 21.7	-0.2
BRVK	Borovyoye	79.39	325	P	P	18 39 39.2	-0.5
BRVK				Iamb	Iamb	18 39 42.7	
ABKAR	Abkular array	84.73	320	P	P	18 40 07.2	-0.7
ABKAR				Iamb	Iamb	18 40 11.2	
ABKAR	Abkular array	84.73	320	P	P	18 40 07.6	-0.2
ILAR	Eielson Array	85.82	24	P	P	18 40 12.4	-0.6
ILAR	comp-Z,0.5nm,0.9s,baz=272,slow=3.6,SNR=6.4						
ILAR	comp-Z,0.5nm,0.9s						

18 42:57.5-1.8, 15:55S:167.27E, h0km, mb3.5/4, mbmp3.6/5, ML3.9/1, Error ellipse: s-maj=53.1km s-min=30.9km az=121.0

18 43:02.2, 15:70S:167.21E, h17km, MLv4.4/12, Vanuatu Islands

18 42:59.3-1.3, 15:68S:167.3E:0.2, h10km, n12, e2908/13, mb3.7/4, Vanuatu Islands

Code	Station Name	Δ°	Δ'	Op	ISC	h	m	s	ISC	Time	Res
LIFNC	LIFOU	5.07	180	P	Pn	18	44	17.6	+2.3		
KOUNC	Koumac, New Ca	5.61	210	P	Pn	18	44	24.3	+1.5		
YATNC	Mamie plateau,	6.35	183	P	Pn	18	44	33.1	+0.1		
DZM	Mont Dzumac	6.40	187	P	Pn	18	44	35.0	+1.2		
DZM	2.5nm,0.3s,baz=15,slow=20,SNR=10.6										
ASAR	Alice Springs	32.34	250	P	P	18	49	29.4	+0.4		
ASAR	0.5nm,0.6s,baz=76,slow=9.3,SNR=14										
SONM	Songino Array	83.25	324	P	P	18	55	26.7	+0.5		
SONM	0.5nm,0.8s,baz=138,slow=7.0,SNR=2.7										
ILAR	Eielson Array	87.43	18	P	P	18	55	45.2	-1.3		
ILAR	0.3nm,0.6s,baz=236,slow=4.8,SNR=5.5										
ILAR	0.3nm,0.6s										

18 09:08:07.8-0.9, 39:52N:54.03E, h0km, mb3.8/1.5, mbmp4.0/26, ML3.6/11, MS3.0/12, Error ellipse: s-maj=17.4km s-min=8.1km az=2-0

18 09:10:10.7-1.1, 39:56N:54.21E, h24km, mb4.2/10, Error ellipse: s-maj=20.0km s-min=10.5km az=41.2

18 09:10:12.3, 39:58N:54.10E, h30km, ML4.0

18 09:10:12.5-1.7, 39:7N:0.1-54.15E:0.10, h28km, mb4.4/5.1, Error ellipse: s-maj=15.1km s-min=10.8km az=176.0

18 09:10:14.8-1.8, 40:10N:54.93E, h0km, mb4.0, Error ellipse: s-maj=20.4km s-min=8.4km az=78.0

18 09:10:16.3-0.1, 39:46N:53.42E, h11km, 5km, Error ellipse: s-maj=9.3km s-min=1.0km az=275.0

Code	Station Name	Δ°	Δ'	Op	ISC	h	m	s	ISC	Time	Res
MRVT	Maraveh tapeh	2.58	144	P	Pn	19	08	53.2	+1.0		
IMND	Minoodasht	2.68	158	Pn	Pn	19	08	54.3	+0.9		
IGLO	Ghaloghash	3.26	185	Pn	Pn	19	09	01.4	-0.2		
SJRD	Bojnurd	3.27	128	Pn	Pn	19	09	02.8	+1.2		
NDR	Nardaran	3.30	286	P	Sn	19	09	05.3	+3.3		
NDR	Nardaran	3.30	286	Pn	Pn	19	09	05.2	+3.3		
GEYT	Alibek	3.59	119	Pn	Pn	19	09	06.3	+0.3		
GEYT	9.1nm,0.3s,baz=302,slow=15,SNR=5.5										
GEYT	8.7nm,0.3s,baz=344,slow=14,SNR=4.6										
GEYT	8.7nm,0.3s,baz=344,slow=20,SNR=3.9										
GEYT	comp-Z,8.7nm,21.2s,baz=325,slow=50										
GYA0	ALIBECK ARRAY	3.59	119	P	Pn	19	09	06.7	+0.7		
GYA0B	ALIBECK ARRAY	3.59	119	Pn	Pn	19	09	06.7	+0.7		
IPRN	Peran	3.79	203	Pn	Pn	19	09	08.3	-0.6		
ALIB	&Aumi;Ii-Bayra	3.97	275	P	Sn	19	09	13.6	+2.4		
ALIB				S	Sn	19	09	52.5	-4.0		
ALIB	&Aumi;Ii-Bayra	3.97	275	Pn	Pn	19	09	13.5	+2.4		
ISHM	Shahmirzad	4.00	190	Pn	Pn	19	09	12.5	+0.6		
SHRO	Shahrood	4.04	158	Pn	Pn	19	09	13.3	+1.1		
ISFR	Sfrayin	4.05	131	Pn	Pn	19	09	13.8	+1.3		
GBS	Qobustan	4.07	283	P	Sn	19	09	14.1	+1.4		
GBS				S	Sn	19	09	57.3	-1.8		
GBS	Qobustan	4.07	283	Pn	Pn	19	09	14.0	+1.4		
ATGJ	Aliaghai	4.14	287	P	Pn	19	09	17.1	+3.5		
ATGJ				S	S	19	10	01.3	+1.8		
ATGJ	Aliaghai	4.14	287	Pn	Pn	19	09	17.1	+3.5		
SIZA	Siyz	4.22	290	P	Pn	19	09	17.5	+2.8		
SIZA				S	Sn	19	10	05.9	+3.0		
JEMG	Emanghooli	4.23	122	Pn	Pn	19	09	15.7	+0.7		
IFIR	Firoozkooch	4.26	196	Pn	Pn	19	09	16.2	+0.8		
IANJ	Anjilo	4.29	183	Pn	Pn	19	09	17.1	+1.4		
LKRN	Lenkeran, Azer	4.31	258	P	Pn	19	09	16.1	+0.3		
LKRN				S	Sn	19	10	01.5	-3.2		
LKRN	Lenkeran, Azer	4.31	258	Pn	Pn	19	09	16.0	+0.3		
LKRN	Lenkeran, Azer	4.31	258	Pn	Pn	19	09	16.0	+0.3		
QALM	Alamut, Qazvin	4.33	221	Pn	Pn	19	09	15.0	-1.2		
ASTR	Astara	4.34	256	P	Pn	19	09	15.7	-0.6		
ASTR				S	Sn	19	10	02.0	-3.6		
ASTR	Astara	4.34	256	Pn	Pn	19	09	15.6	-0.6		
ASTR	Astara - Iran	4.36	253	Pn	Pn	19	09	15.6	-0.9		
POL	Pirkuli	4.38	285	P	Pn	19	09	19.1	+2.2		
POL				S	Sn	19	10	10.2	+3.4		
POL	Pirkuli	4.38	285	Pn	Pn	19	09	19.1	+2.2		
SAAT	Saatly	4.42	273	S	Sn	19	10	10.4	+2.9		
DAMY	Damavand	4.47	204	Pn	Pn	19	09	19.1	+0.8		
ILAS	Lasjerd	4.47	193	Pn	Pn	19	09	19.0	+0.7		
GLBA	Citabab	4.49	265	P	Pn	19	09	19.8	+0.5		
GLBA	SNR=8.4										
GLBA	Citabab	4.49	265	S	Sn	19	10	07.9	-1.4		
GLBA	Citabab	4.49	265	Pn	Pn	19	09	18.8	+0.5		
IDMV	Damavand	4.52	203	Pn	Pn	19	09	19.6	+0.9		
CNSH	Caspian	4.53	243	Pn	Pn	19	09	18.9	+0.9		
CHST	Charan	4.53	213	Pn	Pn	19	09	19.5	+0.4		
IGZV	Ghazvin	4.58	224	Pn	Pn	19	09	19.7	-0.1		
QUBA	Quba, Azerbaij	4.60	292	P	Sn	19	09	22.4	+2.3		
QUBA				S	Sn	19	10	14.4	+2.5		
KDMR	Kurdemir	4.63	280	S	Sn	19	09	22.5	+2.3		
KDMR				S	Sn	19	10	13.6	+1.0		
THKV	Tehran-Karaj	4.63	215	Pn	Pn	19	09	20.9	+0.4		
LRK	Lerik	4.66	258	P	Pn	19	09	20.5	-0.2		
LRK				S	Sn	19	10	09.8	-3.8		
LRK	Lerik	4.66	258	Pn	Pn	19	09	20.5	-0.2		
YRD	Yardimli	4.67	261	P	Pn	19	09	21.0	0.0		

Code	Station Name	Δ°	Δ'	Op	ISC	h	m	s	
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Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KBZ, SHAI, KVAR, KIV, AB31, AKASG, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like AKASG, AKAB, MAKZ, MLR, MK31, MKAR, MKAR, MKAR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like IMAR, H23K, H24K, H24K, H24K, etc.

TARG	Taragay, Kyrgy	66.36 318	P	P	21 31 40.9 -0.4
TARG	comp=Z,5.0nm,0.9s				
SATY	Saty	66.55 319	iP	P	21 31 42.6 +0.5
SATY	comp=Z,9.3nm,1.1s,baz=319				
SATY	Saty	66.55 319c	iP	P	21 31 42.6 +0.5
KPKS	Kokpek	66.55 320	eP	P	21 31 42.4 +0.2
KPKS	comp=Z,9.0nm,1.1s				
KPKS	Kokpek	66.55 320	eP	P	21 31 42.3 +0.2
ZHN	Zhishiske	66.58 319	eP	P	21 31 42.9 +0.5
ZHN	Zhishiske	66.58 319	eP	P	21 31 42.8 +0.5
NIL	Nilore	66.61 308	I	Amb	21 31 42.0 -0.6
NIL	comp=Z,9.6nm,1.0s				
NIL	Nilore	66.61 308	I	Amb	21 31 42.0 -0.6
KSH	Kashi	66.70 315	P	P	21 31 45.1 +1.9
KSH	comp=Z,10.0nm,1.0s				
KSH	Kashi	66.70 315	P	P	21 31 52.9 -0.7
KSH	Kashi	66.70 315	P	P	21 32 16.0 +3.9
TDK	Taldyqorghan	67.44 321	eP	P	21 31 47.8 +0.2
TDK	comp=Z,8.0nm,1.4s				
TDK	Taldyqorghan	67.44 321	eP	P	21 31 47.8 +0.2
TDK	comp=Z,9.3nm,1.2s,baz=321				
TDK	Taldyqorghan	67.44 321	eP	P	21 31 47.8 +0.2
MDOK	Medeo	67.49 319	eP	P	21 31 48.5 +0.3
MDOK	comp=Z,9.0nm,1.2s				
MDOK	Medeo	67.49 319	eP	P	21 31 48.5 +0.3
MDOK	Medeo	67.49 319	eP	P	21 31 49.2 +0.6
TNSS	Tian-Shan	67.50 319	eP	P	21 31 49.1 +0.6
TNSS	comp=Z,9.3nm,1.2s,baz=319				
TNSS	Tian-Shan	67.50 319	eP	P	21 31 49.1 +0.6
AAA	Alma-Ata	67.59 319	eP	P	21 31 49.0 +0.3
AAA	comp=Z,12nm,1.0s,baz=319				
AAA	Alma-Ata	67.59 319	eP	P	21 31 49.0 +0.3
AAA	Alma-Ata	67.59 319	eP	P	21 31 49.0 +0.3
CHKK	Chushkaly	67.83 319	eP	P	21 31 49.8 -0.3
CHKK	comp=Z,12nm,1.0s				
CHKK	Chushkaly	67.83 319	eP	P	21 31 49.8 -0.3
KUU	Kurty	68.27 319	eP	P	21 31 53.0 +0.1
KUU	comp=Z,15nm,1.1s,baz=319				
KUU	Kurty	68.27 319	eP	P	21 31 53.0 +0.1
ZAAO	Zalesovo Array	68.62 332	P	I	21 31 53.5 -1.4
ZAAO	comp=Z,15nm,1.1s				
ZAAO	Zalesovo Array	68.62 332	P	I	21 31 53.5 -1.4
ZALV	Zalesovo Array	68.62 332	P	I	21 31 53.8 -1.0
ZALV	comp=Z,7.2nm,1.1s				
ZALV	Zalesovo Array	68.62 332	P	I	21 31 53.8 -1.0
AAK	Ala-Archa	68.97 317	eP	P	21 31 57.0 -0.4
AAK	comp=Z,7.0nm,0.8s,baz=317				
AAK	Ala-Archa	68.97 317	eP	P	21 31 57.0 -0.4
SEM	Semipalatinsk	69.00 327	eP	P	21 31 58.1 +0.5
SEM	comp=Z,8.0nm,1.7s				
SEM	Semipalatinsk	69.00 327	eP	P	21 31 58.1 +0.5
SGDS	Sogindy	69.21 318	eP	P	21 31 59.7 +0.9
SGDS	comp=Z,12nm,1.0s				
SGDS	Sogindy	69.21 318	eP	P	21 32 03.7 0.0
KURK	Kurchatov	70.05 326	eP	P	21 32 03.7 0.0
KURK	comp=Z,14nm,0.9s				
KURK	Kurchatov	70.05 326	eP	P	21 32 03.7 0.0
KBL	Kabul	70.21 308	P	I	21 32 05.5 +0.1
KBL	comp=Z,9.1nm,0.9s				
KBL	Kabul	70.21 308	P	I	21 32 05.5 +0.1
BTLs	Baital	70.24 320	eP	P	21 32 05.0 0.0
BTLs	comp=Z,9.0nm,1.0s				
BTLs	Baital	70.24 320	eP	P	21 32 05.0 0.0
GARS	Garm	70.61 310	P	P	21 32 07.4 -0.2
GARS	comp=Z,13nm,1.2s				
GARS	Garm	70.61 310	P	P	21 32 07.4 -0.2
KIP	Kipapa	70.84 671	eP	P	21 32 08.8 -0.3
KIP	comp=Z,28nm,0.9s				
KIP	Kipapa	70.84 671	eP	P	21 32 08.8 -0.3
DZA	Taraz	71.22 317	eP	P	21 32 11.3 +0.2
DZA	comp=Z,28nm,0.9s				
DZA	Taraz	71.22 317	eP	P	21 32 11.3 +0.2
CHGR	Chuyangaron	71.36 312	P	I	21 32 11.8 -0.3
CHGR	comp=Z,20nm,1.4s				
CHGR	Chuyangaron	71.36 312	P	I	21 32 11.8 -0.3
KK31	Karatay Array	71.86 317	P	I	21 32 13.7 -1.3
KK31	comp=Z,20nm,1.4s				
KK31	Karatay Array	71.86 317	P	I	21 32 13.7 -1.3
KK31	Karatay Array	71.86 317	P	I	21 32 13.7 -1.3
KKAR	Karatay Array	71.86 317	P	I	21 32 14.5 -0.4
KKAR	comp=Z,13nm,1.3s				
KKAR	Karatay Array	71.86 317	P	I	21 32 14.5 -0.4
KKAR	Karatay Array	71.86 317	P	I	21 32 14.5 -0.4
IUG	Iuzhnyy	71.86 316	eP	P	21 32 15.3 +0.2
IUG	comp=Z,11nm,1.3s,baz=316				
IUG	Iuzhnyy	71.86 316	eP	P	21 32 15.3 +0.2
BRZS	Berezinski	73.11 324	eP	P	21 32 22.6 +0.4
BRZS	comp=Z,11nm,1.3s				
BRZS	Berezinski	73.11 324	eP	P	21 32 22.6 +0.4
TIXI	Tiksi	73.46 359	P	I	21 32 22.9 -0.9
TIXI	comp=Z,7.9nm,0.7s,baz=268,slow=7.6,SNR=14				
TIXI	Tiksi	73.46 359	P	I	21 32 22.9 -0.9
TIXI	Tiksi	73.46 359	eP	P	21 32 23.8 0.0
TIXI	comp=Z,8.4nm,0.9s				
TIXI	Tiksi	73.46 359	eP	P	21 32 23.8 0.0
BRVK	Borovyoye	75.72 326	P	I	21 32 37.3 0.0
BRVK	comp=Z,7.0nm,0.7s				
BRVK	Borovyoye	75.72 326	P	I	21 32 37.3 0.0
BRVK	Borovyoye	75.72 326	P	I	21 32 37.3 0.0
VNDA	Vanda	77.11 174	P	P	21 32 45.8 +1.0
VNDA	comp=Z,14nm,0.8s,baz=336,slow=6.2,SNR=13				
VNDA	Vanda	77.11 174	P	P	21 32 45.8 +1.0
NRIK	Noril'sk	77.49 345	P	P	21 32 46.6 -0.5
NRIK	comp=Z,9.3nm,1.1s,baz=268,slow=35				
NRIK	Noril'sk	77.49 345	P	P	21 32 46.6 -0.5
NRIK	Noril'sk	77.49 345	P	P	21 32 46.5 -0.5
NRIK	comp=Z,2.2nm,0.4s				
NRIK	Noril'sk	77.49 345	P	P	21 32 46.5 -0.5
S12K	Black Hills	77.50 32	P	P	21 32 47.8 +0.4
S12K	comp=Z,6.0nm,1.0s				
S12K	Black Hills	77.50 32	P	P	21 32 47.8 +0.4
UOSS	Minazif	79.20 296	P	I	21 32 56.8 -0.6
UOSS	comp=Z,18nm,1.3s				
UOSS	Minazif	79.20 296	P	I	21 32 56.8 -0.6
TNA	Tin City	79.25 21	P	P	21 32 55.9 -0.9
TNA	comp=Z,13nm,1.1s				
TNA	Tin City	79.25 21	P	P	21 32 57.6 +0.9
GEYT	Alitbeck	79.59 309	P	P	21 32 59.5 +0.3
GEYT	comp=Z,5.3nm,1.0s,baz=139,slow=3.3,SNR=10				
GEYT	Alitbeck	79.59 309	P	P	21 32 59.5 +0.3
ANM	Nome	79.73 23	P	P	21 32 58.8 -0.6
ANM	comp=Z,5.3nm,1.0s				
ANM	Nome	79.73 23	P	P	21 32 58.8 -0.6
ANM	Nome	79.73 23	P	P	21 32 59.6 +0.2
ANM	comp=Z,2.0nm,0.8s				
ANM	Nome	79.73 23	P	P	21 32 59.6 +0.2
R16K	Pilot Point	80.48 31	P	P	21 33 04.0 +0.4
R16K	comp=Z,243				
R16K	Pilot Point	80.48 31	P	P	21 33 04.0 +0.4
P16K	Nushagak River	80.76 29	P	P	21 33 05.5 +0.5
P16K	comp=Z,250				
P16K	Nushagak River	80.76 29	P	P	21 33 07.1 +1.3
N16K	Nishik Lake	80.88 28	P	P	21 33 06.5 +0.7
N16K	comp=Z,250				
N16K	Nishik Lake	80.88 28	P	P	21 33 06.5 +0.7
O16K	Kokwok River B	80.90 29	P	P	21 33 08.4 +1.4
O16K	comp=Z,250				
O16K	Kokwok River B	80.90 29	P	P	21 33 08.4 +1.4
R17K	Ugashik Creek	81.11 31	P	P	21 33 08.4 +1.4
R17K	comp=Z,252				

O17K	Koliganek Bris	81.44 29	P	P	21 33 08.6 0.0
O17K	comp=Z,251				
O17K	Contact Creek	81.56 30	P	P	21 33 09.0 -0.5
P17K	Kvichak River	81.57 29	P	P	21 33 10.0 +0.7
P17K	comp=Z,252				
Q18K	Katmai Hardscr	82.11 30	P	P	21 33 12.4 0.0
RDOG	Red Dog Mine	82.17 20	P	P	21 33 12.4 0.0
RDOG	comp=Z,14nm,1.1s				
RDOG	Red Dog Mine	82.17 20	P	P	21 33 13.8 +1.4
SVW2	Sparrevohn	82.56 28	P	P	21 33 14.2 -0.4
SVW2	comp=Z,8.9nm,1.2s				
OHAK	Old Harbor	82.60 32	P	P	21 33 14.6 -0.2
OHAK	comp=Z,255				
TTA	Tatalina	82.94 26	P	P	21 33 16.3 -0.3
TTA	comp=Z,7.7nm,1.1s				
TTA	Tatalina	82.94 26	P	P	21 33 16.3 -0.3
TTA	Tatalina	82.94 26	P	P	21 33 16.1 -0.4
TTA	comp=Z,8.0nm,1.1s				
N19K	Bonanza Creek	82.99 28	P	I	21 33 15.4 -1.5
N19K	comp=Z,12nm,1.1s				
N19K	Bonanza Creek	82.99 28	P	I	21 33 16.6 -0.3
KDAK	Kodiak Island	83.11 31	P	P	21 33 18.0 +0.5
KDAK	comp=Z,9.9nm,0.9s,baz=259,slow=5.2,SNR=3.1				
KDAK	Kodiak Island	83.11 31	P	P	21 33 18.0 +0.5
KDAK	Kodiak Island	83.11 31	P	P	21 33 18.4 +0.4
L19K	White Mountain	83.22 27	P	P	21 33 18.6 +0.6
L19K	comp=Z,12nm,1.1s				
ARU	Arti	83.22 327	P	P	21 33 17.4 -0.7
ARU	comp=Z,9.9nm,0.9s				
ARU	Arti	83.22 327	P	P	21 33 17.6 -0.5
ARU	Arti	83.22 327	P	P	21 48 36.5 +0.5
ARU	Arti	83.22 327	P	P	21 48 57.5 -3.5
M19K	Big River Lodg	83.35 27	P	P	21 33 19.2 +0.6
M19K	comp=Z,19nm,1.1s				
M19K	Big River Lodg	83.35 27	P	P	21 33 18.9 +0.3
Q20K	Shuyek Island	83.42 30	P	P	21 33 19.5 +0.4
Q20K	comp=Z,9.9nm,0.9s				
L20K	Farewell, AK	83.74 27	P	P	21 33 21.1 +0.5
L20K	comp=Z,254				
K20K	Telida	83.91 26	P	I	21 33 21.7 +0.2
K20K	comp=Z,8.9nm,1.1s				
K20K	Telida	83.91 26	P	I	21 33 22.0 +0.5
M20K	Styx River	83.91 27	P	I	21 33 21.4 -0.2
M20K	comp=Z,253,SNR=6.5				
M20K	Styx River	83.91 27	P	I	21 33 22.2 +0.6
PPLA	Purkypile	84.60 26	P	P	21 33 25.0 -0.2
PPLA	comp=Z,12nm,1.4s				
PPLA	Purkypile	84.60 26	P	P	21 33 25.0 +0.3
SKT	Skwentna	84.67 27	P	I	21 33 25.4 0.0
SKT	comp=Z,14nm,0.9s				
SKT	Skwentna	84.67 27	P	I	21 33 26.7 -0.1
SKT	Skwentna	84.67 27	P	I	21 33 24.9 -0.5
CAST	Castle Rocks	84.78 26	P	I	21 33 25.9 -0.1
CAST	comp=Z,7.9nm,1.3s				
CAST	Castle Rocks	84.78 26	P	I	21 33 25.8 -0.1
IMAR	Indian Moutal	84.79 23	P	P	21 33 25.9 0.0
CHUM	Lake Minchum	84.80 25	P	P	21 33 26.4 +0.4
CHUM	comp=Z,255				
SUA	Susitna One	84.81 28	P	I	21 33 26.5 -0.2
SUA	comp=Z,11nm,1.0s				
SUA	Susitna One	84.81 28	P	I	21 33 26.7 -0.1
G21K	Allakaket	85.03 23	P	P	21 33 27.3 +0.2
G21K	comp=Z,257				
H21K	Melozitna Rive	85.07 24	P	I	21 33 27.0 -0.3
H21K	comp=Z,11nm,1.1s				
H21K	Melozitna Rive	85.07 24	P	I	21 33 27.7 +0.4
SEW	Seward	85.23 29	P	P	21 33 28.2 +0.1
SEW	comp=Z,254				
F21K	Alatna River	85.24 22	P	P	21 33 28.3 +0.1
F21K	comp=Z,254				
M22K	Willow	85.27 28	P	P	21 33 28.5 +0.1
M22K	comp=Z,257				
I21K	Tanana	85.28 24	P	I	21 33

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like G30M, F31M, INK, KLMR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like G004, G004, G004, etc.

IDC 10 22:04:29.6±0.8, 37°08'N-141°39'E, h0km, mb3.6/12, mbtmp3.5/16, ML2.7/3, MS2.4/4, Error ellipse: s-maj=18.9km s-min=16.0km az=106.0

SJA 10 22:15:48.6±0.9, 30°58'S-72°17'W, h13km, 4km, ML3.8, MW3.8, Hypocentre not reviewed by the ISC

IDC 10 22:34:1.8±0.8, 37°70'N-38°59'E, h0km, mb3.3/8, mbtmp3.4/13, ML3.1/5, MS3.0/10, Error ellipse: s-maj=14.3km s-min=10.5km az=172.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CO06, CO05, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKCA, SURC, MAYA, GZT, AKCD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARU, DAVA, FINES, BVAR, AAK, NOA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROM, T1219, FEMM, T1220, etc.

11d Oh

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like WAKE ISLAND, Tatalina, IMAR, etc.

Code Station Name Az Elevation Frequency Bandwidth SNR and other technical details for various stations like WAKE ISLAND, Tatalina, IMAR, etc.

2017 MAR

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like Kastellorizon, KSL, AKAS, etc.

Code Station Name Az Elevation Frequency Bandwidth SNR and other technical details for various stations like Kastellorizon, KSL, AKAS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like BTO, XLT, SONM, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like XAN, GOMU, WMO, etc.

Code Station Name Az Elevation Frequency Bandwidth SNR and other technical details for various stations like XAN, GOMU, WMO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like ROM, T1220, CESI, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like TLBU, NOR, AKN, etc.

SJA 11 03:42:11.8, 1.5, 34.975; 72.00W, h73km, 6km, ML5.2, MW4.8, Hypocentre not reviewed by the ISC
GUC 11 03:42:15.8, 0.7, 34.805; 71.85W, h51km, 3km
VAO 11 03:42:15.9, 0.4, 34.825; 71.87W, h43km, mb4.9
NEIC 11 03:42:16.6, 34.795; 71.83W, h44km
IDC 11 03:42:16.5, 0.5, 34.755; 71.76W, h47km, 4km, mb4.4/15, mbtmp4.7/20, MS3.8/30, Error ellipse: s-maj=14.9km s-min=10.4km az=99.0

ISC 11 03:42:16.1, 0.5, 34.815; 0.03; 71.82W, 0.04, h46km, 4km, n456, r099440, mb4.9/71, MS3.9/30, 1C-2D, Near coast of Central Chile

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like G005, G006, G007, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like TRQA, LVC, LVC, etc.

SNA4	Snaae	50.77	158	P	P	03 51 11.8	+0.7
SNA4	Snaae	50.77	158	P	P	03 51 11.5	+0.4
comp=Z,6,1nm,0.8s,baz=278,slow=8.7,SNR=7.1							
comp=Z,6,1nm,0.8s							
TROLL	Trolli, Antarti	52.47	158	P	P	03 51 24.7	+0.8
QSPA	South Pole Qui	55.42	180	P	P	03 51 46.4	+0.8
comp=Z,8,8nm,0.8s,baz=200,slow=0.4,SNR=29							
QSPA						03 52 00.6	+2.0
comp=Z,6,7nm,0.8s,baz=309,slow=1.8,SNR=6.8							
QSPA	South Pole Qui	55.42	180	P	P	03 51 46.4	+0.8
QSPA						03 51 48.3	
comp=Z,15nm,1.1s							
CMIG	Matias Romero	56.08	333	LR	LR	04 12 25.7	
comp=Z,26nm,18.1s,baz=166,slow=32							
TAOE	Nuku Hiva Isla	67.22	275	eLR	LR	04 13 24.5	
comp=Z,106nm,27.2s							
TBI	Tubuai	67.31	257	eLR	LR	04 13 26.9	
comp=Z,11m,28.8s							
TBI						04 13 26.9	
comp=Z,3um,26.8s							
250A	Grady	67.81	347	P	P	03 53 09.6	+0.5
baz=167							
346A	Big Creek Wild	68.17	344	P	P	03 53 11.5	+1.7
baz=164							
833A	Chaparral WMA,	67.99	334	IAMB	IAMB	03 53 13.0	
comp=Z,9.5nm,0.7s							
833A	Chaparral WMA,	67.99	334	P	P	03 53 11.1	+0.8
baz=156							
833A	Chaparral WMA,	67.99	334	P	P	03 53 11.2	+0.9
baz=156							
152A	Waverly Hall	68.21	348	P	P	03 53 11.2	-0.4
baz=169							
342B	Flagon Creek P	68.61	341	P	P	03 53 16.1	+2.0
baz=162							
MEH	Mehetia	68.92	262	eT	T	05 08 00.9	
comp=Z,17nm,0.2s							
VBMS	Vicksburg	68.96	343	P	P	03 53 17.8	+1.6
baz=164							
LRAL	Lakeview Retre	68.98	346	P	P	03 53 17.0	+0.6
baz=167							
LRAL	Lakeview Retre	68.98	346	P	P	03 53 17.0	+0.6
baz=167							
146A	Union	69.02	344	P	P	03 53 17.1	+0.4
baz=165							
LP1G	La Paz	69.04	322	LR	LR	04 16 01.7	
comp=Z,46nm,20.9s,baz=31,slow=29							
Y52A	Liburn	69.28	349	P	P	03 53 18.0	-0.3
baz=169							
Y52A						03 53 18.0	-0.3
247A	Carrollton	69.35	345	P	P	03 53 19.3	+0.6
baz=169							
X58A	Rowland	69.37	353	P	P	03 53 19.0	+0.3
baz=173							
X58A						03 53 19.0	+0.3
baz=173							
NATX	Nacogdoches	69.62	339	P	IAMB	03 53 22.1	+0.8
comp=Z,17nm,1.0s							
NATX	Nacogdoches	69.62	339	P	P	03 53 22.4	+2.0
baz=160							
143A	Socs Landing,	69.64	342	P	P	03 53 22.0	+1.5
baz=163							
PAULI	Pauline	69.90	351	P	P	03 53 22.5	+0.4
baz=171							
CNNC	Cliffs of the	69.92	355	P	P	03 53 22.9	+0.7
baz=175							
X51A	Calhoun	70.09	349	P	P	03 53 23.7	+0.5
baz=169							
X51A						03 53 23.7	+0.5
baz=169							
JCT	Junction City	70.10	334	IAMB	IAMB	03 53 37.5	
comp=Z,7.9nm,0.8s							
JCT	Junction City	70.10	334	P	P	03 53 24.9	+1.5
baz=156							
JCT	Junction City	70.10	334	P	P	03 53 24.6	+1.2
baz=156							
TIAR	Tiarei	70.13	262	eT	T	05 09 26.6	
comp=Z,1.4nm,0.2s							
KMSC	Kings Mountain	70.16	352	P	P	03 53 23.6	0.0
CASEE	Lake Jocassee	70.22	350	P	P	03 53 24.3	+0.3
baz=170							
PPT2	Papeete2	70.30	262	eLR	LR	04 14 49.7	
comp=Z,215nm,26.5s							
PPT2						04 14 50.1	
comp=Z,205nm,28.0s							
PPT	Papeete	70.31	262	LR	LR	04 18 44.7	
comp=Z,36nm,18.1s,baz=148,slow=51							
Y45A	Yeager Farm, C	70.31	344	P	P	03 53 25.3	+0.7
baz=165							
X48A	Hartselle	70.36	347	IAMB	IAMB	03 53 26.6	
comp=Z,10nm,0.8s							
X48A	Hartselle	70.36	347	P	P	03 53 25.4	+0.5
baz=167							
Z41A	Richland Creek	70.52	341	P	P	03 53 27.4	+1.5
baz=162							
Z41A						03 53 27.4	+1.5
baz=162							
TXAR	Lajitas Array	70.53	331	P	P	03 53 26.9	+0.7
comp=Z,1.5nm,0.6s,baz=158,slow=8.8,SNR=43							
TXAR						03 53 39.5	-0.1
comp=Z,2.0nm,0.6s,baz=156,slow=8.4,SNR=16							
TXAR						03 53 27.1	+0.9
TX31	Lajitas Ar. Si	70.53	331	IAMB	IAMB	03 53 40.0	
TX31	Lajitas Ar. Si	70.53	331	P	P	03 53 27.4	+1.2
comp=Z,6.9nm,0.7s							
V58A	Windy Hill, Pi	70.57	354	P	P	03 53 26.1	-0.1
baz=153,SNR=8.0							
V58A						03 53 26.1	-0.1
baz=174							
WHTX	Lake Whitney,	70.69	337	IAMB	IAMB	03 53 28.5	
comp=Z,1.4nm,0.9s							
WHTX	Lake Whitney,	70.69	337	P	P	03 53 28.0	+1.0
baz=158							
WHTX	Lake Whitney,	70.69	337	P	P	03 53 28.0	+1.0
baz=158							
W50A	Signal Mountai	70.78	348	P	P	03 53 27.9	+0.3
baz=163,SNR=5.2							
V55A	Taylorville	70.85	352	P	P	03 53 27.6	-0.2
baz=172							
V55A						03 53 27.6	-0.2
baz=172							
V53A	Saluda	70.87	351	P	P	03 53 28.2	+0.1
baz=170							
V53A						03 53 28.2	+0.1
baz=170							
CPCT	Cooper Cave	70.90	349	IAMB	IAMB	03 53 29.0	
comp=Z,14nm,1.0s							
OXF	Oxford	70.90	345	P	P	03 53 27.2	-0.9
OXF	Oxford	70.90	345	P	P	03 53 28.3	+0.1
baz=166							
WLAR	White Lak Lake	71.01	341	IAMB	IAMB	03 53 30.8	
comp=Z,13nm,0.6s							
PLAL	Pickwick Lake	71.08	346	P	P	03 53 29.3	+0.1
comp=Z,15nm,1.0s							
V48A	Smith Brothers	71.57	347	P	P	03 53 32.8	+0.5
baz=167,SNR=11							
CLTN	Cedars of Leba	71.83	348	IAMB	IAMB	03 53 34.8	
comp=Z,19nm,1.0s							
FW03	Perrin-Whitt E	71.85	337	IAMB	IAMB	03 53 35.5	
Z35A	Perchaven, San	71.86	338	P	P	03 53 35.2	+1.2
comp=Z,11nm,0.9s							
BBTS	Babate	71.91	57	LR	LR	04 23 38.3	
comp=Z,11nm,21.9s,baz=224,slow=35,SNR=7.9							
MIAR	Mount Ida	71.94	341	P	P	03 53 35.3	+0.8
baz=161							
ABTX	Abilene, Hawle	71.99	336	IAMB	IAMB	03 53 36.4	
comp=Z,11nm,0.9s							
ABTX	Abilene, Hawle	71.99	336	P	P	03 53 35.5	+0.7
baz=156							
ABTX	Abilene, Hawle	71.99	336	P	P	03 53 35.9	+1.0
baz=156,SNR=6.8							
WVT	Waverly	72.14	346	P	P	03 53 35.6	0.0
baz=166							
WVT	Waverly	72.14	346	P	P	03 53 35.8	+0.2
baz=166							
U49A	Red Boiling Sp	72.14	348	IAMB	IAMB	03 53 45.9	
comp=Z,16nm,1.4s							
U49A	Red Boiling Sp	72.14	348	P	P	03 53 35.7	+0.1
baz=168							
MAW	Mawson	72.35	163	LR	LR	04 27 02.1	
comp=Z,115nm,18.1s,baz=229,slow=37							

T50A	Nancy	72.49	349	P	P	03 53 37.5	-0.1
baz=169							
T50A						03 53 37.5	-0.1
baz=169							
S57A	Dark Hollow, R	72.51	354	P	P	03 53 37.8	0.0
baz=174							
S57A						03 53 37.8	0.0
baz=174							
WTF5	Witchita Falls	72.65	337	P	P	03 53 39.0	+0.3
comp=Z,10nm,0.9s							
WTF5						03 53 40.0	
S54A	Dingess, Beckl	72.78	352	P	P	03 53 38.6	-0.8
baz=172							
S54A						03 53 38.6	-0.8
baz=172							
LCAR	Lake Charles	72.79	344	P	P	03 53 39.6	+0.2
baz=164,SNR=16							
T47A	Sharon Grove	72.84	347	P	P	03 53 39.8	+0.1
baz=167							
FCAR	Ozark Folk Cen	72.85	343	P	IAMB	03 53 39.7	-0.1
comp=Z,8.7nm,0.9s							
SS1A	Beattyville	72.91	350	IAMB	IAMB	03 53 41.3	
comp=Z,17nm,0.8s							
SS1A	Beattyville	72.91	350	P	P	03 53 40.2	0.0
baz=170							
SS1A						03 53 40.2	0.0
baz=170							
R55A	Marlinton	73.14	353	IAMB	IAMB	03 53 43.8	
comp=Z,16nm,0.9s							
R55A	Marlinton	73.14	353	P	P	03 53 42.3	+0.7
baz=173							
R55A						03 53 42.3	+0.7
baz=173							
MNTX	Cornudas Mount	73.31	331	P	P	03 53 42.5	-0.2
baz=152							
MNTX	Cornudas Mount	73.31	331	P	P	03 53 42.9	+0.3
baz=152,SNR=8.5							
W35A	Tecumseh	73.44	339	IAMB	IAMB	03 53 43.5	
comp=Z,8.1nm,0.7s							
U40A	Yellville	73.47	342	P	P	03 53 43.8	+0.3
baz=162,SNR=7.6							
U40A						03 53 43.8	+0.3
baz=162,SNR=7.6							
WMOK	Wichita Mounta	73.64	337	P	P	03 53 44.7	+0.1
baz=157							
R50A	Paris	73.65	350	P	P	03 53 44.5	0.0
baz=169							
R50A						03 53 44.5	0.0
baz=169							
HHAR	Hobbs	73.68	342	P	P	03 53 44.7	0.0
comp=Z,9.4nm,0.8s							
HHAR						03 53 46.4	
R49A	Shelbyville	73.78	349	P	P	03 53 45.0	-0.3
baz=169							
R49A						03 53 45.0	-0.3
baz=169							
Q56A	Snyder Ridge,	73.80	354	P	P	03 53 46.3	+0.9
baz=174							
Q56A						03 53 46.3	+0.9
baz=174							
TUL1	Leonard	73.83	340	IAMB	IAMB	03 53 46.9	
comp=Z,16nm,0.9s							
TUL1	Leonard	73.83	340	P	P	03 53 45.9	+0.3
baz=160							
TUL1	Leonard	73.83	340	P	P	03 53 45.9	+0.3
baz=160							
WCI	Wyandotte Cave	73.91	348	P	P	03 53 45.7	-0.3
baz=168							
WCI	Wyandotte Cave	73.91	348	P	P	03 53 45.3	-0.7
baz=168							
DEOK	Depew	73.97	339	IAMB	IAMB	03 53 47.4	
comp=Z,17nm,0.8s							
Q52A	Bidwell	74.04	352	P	P	03 53 47.1	+0.4
baz=171							
Q52A						03 53 47.1	+0.4
baz=171							
P57A	Homestead Farm	74.15	355	P	P	03 53 48.7	+1.3
baz=175							
P57A						03 53 48.7	+1.3
baz=175							
OK03	S. Brethren Rd.	74.17	339	IAMB	IAMB	03 53 49.0	
comp=Z,14nm,0.8s							
OK03A	N. Norfolk Rd.	74.19	339	IAMB	IAMB	03 53 48.8	
comp=Z,4nm,19.2s,baz=182,slow=32							
SUR	Sutherland	74.28	119	LR	LR	04 21 57.4	
comp=Z,4nm,19.2s,baz=182,slow=32							
MSTX	Muleshoe	74.31	334	P	P	03 53 49.6	+1.0
baz=154							
MSTX	Muleshoe	74.31	334	P	P	03 53 49.4	+0.7
baz=154							
FVM	French Village	74.46	345	IAMB	IAMB	03 53 50.2	
comp=Z,26nm,1.2s							
FVM	French Village	74.46	345	P	P	03 53 49.5	+0.3
baz=164,SNR=9.5							
MCWV	Mont Chateau	74.47	354	P	P	03 53 50.2	+1.0
baz=173							
P51A	Williamsport	74.65	351	P	P	03 53 50.1	-0.2
baz=170							
P51A						03 53 50.1	-0.2
baz=170							
CCM	Cathedral Cave	74.71	344	P	P	03 53 50.9	+0.3
CCM	Cathedral Cave	74.71	344	P	P	03 53 51.2	+0.5
baz=164							
CCM	Cathedral Cave	74.71	344	P	P	03	

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Red Mountain, Urewhera, Troy Canyon, Casper, Dugway, Black Hills, Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Ceyhan, Yurek, Kozt, KAMA, Osmaniye, Andrin, AKO, Adana, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PEZE, Santa Fe, Vera, SFR3A, etc.

UPP 11 04:51:55.4.0.0.67:17N:20:66E, h0km, ML2.5, Confirmed Induced event

HEL 11 04:51:55.9.0.3.67:16N:20:59E, h0km, ML1.0, Explosion

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

IDC 11 05:00:43.9.1.9.51:42N:82:35E, h0km, mbtmp2.4/2, ML1.9/2, Error ellipse: s-maj=42.1km s-min=12.4km

ISC 11 05:00:44.9.1.3.51:50N:0:09-82:33E:0.09, h10km, n5, o=077/8, 3C-1D, Southwestern Siberia

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

IDC 11 05:00:45.7:326.0, 28:43N:60:13W, h0km, Error ellipse: s-maj=165.8km s-min=150.7km az=134.0, North Atlantic Ocean

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GRACIOSA, LAC DU BONNET, LAS PENA, etc.

DJA 11 05:02:22.5.0.3.9:54:12:1E, h137km, M3.8/9, mB4.8/1, mb3.9/4, MLV3.8/9, Mw(mB)4.1/1

ISC 11 05:02:23.1.1.0.8:79S:0:07-120:57E:0.06, h150km, n18, o=174/19, Flores region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BASI, Baing, Sumba, MMRI, Maumere, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LESP3, LESP3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KNRA, MTN, WRAB, ASOI, MULG.

IDC 11 05:06:58 1.2, 0.5'61S; 101.14E, h0km, mb3.7/9, mbmp3.7/9, MS3.0/3, Error ellipse: s-maj=80.3km s-min=18.2km az=54.0

DJA 11 05:06:59 7.0, 5.6'S; 4.1x10^11e, h10km, M4.5/14, mb4.777, mB5.4/2, MLv4.5/14, Mw(MB)9.4/2

ISC 11 05:07:02.3 1.3, 5.5S; 02.101.3E; 0.2, h24km, n33, o073/24, mb4.0/10, Southwest of Sumatera

Main table of station data for the first section, including stations like MNAI, KSI, MASI, LWLI, PPSI, MDSI, KASI, CGJI, CNDJ, PBSI, CMJI, GSI, SNSI, KCSI, KAPI, CMAR, PALK, H0BS2, H0BS3, H0W13, H0W12, H0W11, WRA, ASAR, STKA, KRSR, SONM, MKAR, KURBB, ZALV, BVAR, BVAR.

NNC 11 05:17:13.3 7.3, 52.98N; 91.38E, h0km, mb3.8, mpv3.4, 3C-3D, Error ellipse: s-maj=56.3km s-min=45.7km az=104.0, Suspected Mining explosion., Southwestern Siberia

Table of station data for the second section, including stations like ZAAO, KURK, KURK, KURBB, KURBB.

IDC 11 05:23:07.9 2.6, 4.89S; 106.03W, h0km, mb3.7/8, mbmp3.7/8, MS3.7/27, Error ellipse: s-maj=126.4km s-min=22.1km az=59.0

ISC 11 05:23:09.6 2.5, 4.9S; 0.4; 106.00W; 0.7, h10km, n43, o0589/8, mb3.8/8, MS3.7/30, Central East Pacific Rise

Main table of station data for the third section, including stations like RPN, JTS, ATAH, LPIG, NNA, ROSC, TXAR, TXAR, TXAOE, SDV, H03N2, H03N1, H03N3, PFO, ANMO, LVC, CFA, CFA, PPT, PPT2, NVAR, NVAR, SIV, SJG.

Main table of station data for the fourth section, including stations like TBLI, ELKO, PDAR, PDAR, PLCA, YBH, CPUP, NEW, MDP, PMSA, YKA, KDAK, INK, ILAR, RES, SHEM, H11N3, H11N2, H11N1, H11S2, H11S1, H11S3, PETK.

WEL 11 05:58:00 42.15S; 172.84E, h50km, ML4.9, Mw4.4, Moment Tensor Solution, s-maj=1015 Nm, Mn=0.97, M0=3.31, M1=4.28, M2=2.06, M3=3.00

IDC 11 05:58:02.0 1.3, 42.22S; 173.07E, h44km, mb4.0/7, mbmp4.3/9, ML4.3/2, MS3.2/5, Error ellipse: s-maj=26.1km s-min=12.8km az=129.0

NOU 11 05:58:03.9 42.24S; 172.98E, h62km, MLv5.1/16, South Island, New Zealand

NEIC 11 05:58:04.7 1.6, 42.16S; 172.82E; 0.104, h48km, 6km, mb4.5/18, Mw4.4/27, Error ellipse: s-maj=5.3km s-min=4.0km az=142.0, Moment Tensor Solution, Moment tensor: Scale 1015Nm; Mr=1.35; Mw=2.22; M0=3.57; M1=2.30; M2=1.71; M3=1.05; Fault plane solution: M0=850000*10^15 Np1=18.00000*10^15, N-20.3200, Plg62.0000*10^15, O2=119.00000*10^15, O3=119.00000*10^15, O4=119.00000*10^15, O5=119.00000*10^15, O6=119.00000*10^15, O7=119.00000*10^15, O8=119.00000*10^15, O9=119.00000*10^15, O10=119.00000*10^15, O11=119.00000*10^15, O12=119.00000*10^15, O13=119.00000*10^15, O14=119.00000*10^15, O15=119.00000*10^15, O16=119.00000*10^15, O17=119.00000*10^15, O18=119.00000*10^15, O19=119.00000*10^15, O20=119.00000*10^15, O21=119.00000*10^15, O22=119.00000*10^15, O23=119.00000*10^15, O24=119.00000*10^15, O25=119.00000*10^15, O26=119.00000*10^15, O27=119.00000*10^15, O28=119.00000*10^15, O29=119.00000*10^15, O30=119.00000*10^15, O31=119.00000*10^15, O32=119.00000*10^15, O33=119.00000*10^15, 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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DBIC, YUH, I37A, U15A, PFO, ECSD, P17A, BOSA, BOSA, BOSA, TOR, TOR, TOR, PDAR, NVAR, NVAR, LBTB, LBTB, LBTB, RLMT, ULM, SCHQ, PINE, ESDC, YKA, AKASG, BRTR, FINES, ARCES, ASAR, ASAR, WRA, WRA, ARU, BVAR, PALK, CHGR, YAK, KCAR, GAR, EKSE, AML, KURBB, KURBB, KURBB, USP, AAK, AAK, CHMS, UCH, HYB, KKB, TKM2, ZALV, ZALV, ULHL, KSH, KSH, MKAR, MKAR, MKAR, MKAR, MJAR, WMQ, SONM, SONM, KSR5, CMAR, CMAR, GTA, HHC, TNCH, TNCH, NJS, PZH, NLS, CD2, LDY.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Rise, RPLN, HOGS1, CMIG, CMIG, MOIG, MOIG, CCG, CCG, JTS, JTS, JTS, TGUH, TGUH, MATN, ATAH, OTAV, OTAV, LPIG, NNA, ROSC, CZSB, RKT, RKT, TXAR, TAOE, JCT, JCT, JCT, JCT, 319A, 319A, MNTX, PIX, 121A, 214A, TUC, DUN6, WHTX, SDV, SDV, SDV, SDV, ABTX, ABTX, ABTX, H03N2, H03N1, H03N3, NATX, NATX, NATX, 113A, FW03, FW03, LPZ, LPZ, LPZ, LPZ, LPZ, IKP, GLX, MSTA, Y22D, Y22F, 344A, SWSC, MONP2, WFTS, WFTS, 109C, X18A, BC3, ANMO, ANMO, TPFO, PFO, PFO, PFO, LVC, LVC, LVC, LVC, AMTX, PDMC, PDMC, IRM, BELO, WMOK, G102, G102, X37A.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like X37A, W13A, BFSC, WUAZ, WUAZ, GMRC, HECR, MIAR, 250A, 250A, EDW2, TUQ, V12A, GSC, GSC, TUL1, TUL1, TUL1, LRAL, LRAL, LRAL, ARVC, ARVC, LKMC, T25A, WHAR, WHAR, MVCO, MVCO, MVCO, QSM, OXF, SHPR, GWY, KNB, KNB, MPMC, SAMU, SDCO, SDCO, SDCO, S22A, VEST, FURC, WCT, WCT, CWC, TPNV, LCAR, GRAC, CBKS, T42A, BO02, BO02, R11A, R11A, R11A, R11A, WWT, WWT, WWT, OMMB, TPH, CFA, CFA, MDPB, TMUT, TMUT, P17A, SPR3, SPR3, ISCO, KSU1, NVAR, NVAR, NVAR, CCM, O20A, O20A, PPT, PPT2, PPT2, PPT2, ENLP, ENLP, NLU, NLU, SJG, SIV, SIV, SIV, TKL, DUG, N23A, MKSC, MKSC, TZTN, Q44A, TBI, TBI, TBI, TBI.

ISC 11 07:02:07.6:0.9,4:6BS:105:66W,h0km,mb4.3/14, mbmp4.3/14,MS4,4/48,Error ellipse: s-maj=31.6km s-min=15.4km az=55.0 NEIC 11 07:02:10.3:1.2,4:8S:0.1:105:7W:0.2,h10km,1km, mb4.9/76,Error ellipse: s-maj=27.6km s-min=19.0km az=246.0 GCMT 11 07:02:12.3:0.2,4:51S:0.01:105:54W:0.01,h16km,1km, MW5.0/123, Moment Tensor Solution. s70.c92; s123.c192; Duration: O Moment tensor: Scale 10^16Nm; Mn0.55e.11; Mw0.115e.10; Mw0.171e.11; Mw1.06e.27; Mw4.01e.09; Mbr-0.99e.28; Best double couple; Mw4.45600e+10 N P1:0.279 00000° 883.00000°, -1.4 00000°. NP2:0.11 00000° 876.00000°, -1.73 00000°. Principal axes: T 4.0050, P1g5.0000°, Az=326.0000° N 0.8970, P1g74.0000°, Azm75.0000°, P -4.9070, P1g15.0000°. Azm234.0000°. nstia1 refers to body waves, cutoff=40s. nstia2 refers to surface waves, cutoff=50s. Triangular moment-rate function. ISC 11 07:02:09.6:0.5,4:8OS:0.08:105:61W:0.08,h10km,n378, c1500/327,mb4.9/46,MS4,4/52,1D,Central East Pacific

11d 7h

WCI	Wyandotte Cave	46.41	21	P	P	07 10 36.7 +0.3
BW06	Boulder Array	47.48	356	P	P	07 10 45.4 +0.3
PDAR	Pineda Array	47.48	356	P	P	07 10 43.8 -1.2
PDAR	comp-Z, 0.8nm, 0.6s, baz=172, slow=7.9, SNR=8.8			LR	LR	07 28 16.8
PLCA	Paso Flores	47.63	144	P	P	07 10 46.5 +0.4
PLCA	comp-Z, 1.1nm, 1.1s, baz=294, slow=9.6, SNR=2.9			LR	LR	07 25 54.8
BLA	Blacksburg	47.94	27	P	P	07 10 50.4 +1.9
P49A	Miami Univ. Ec	48.14	22	P	P	07 10 51.7 +1.7
MOD	Modoc Plateau	48.37	345	P	P	07 10 51.8 -0.1
LL02	Futaleuf	48.50	147	P	Iamb	07 10 52.9 +0.1
LL02	comp-Z, 2.2nm, 1.2s			Iamb	Iamb	07 10 54.8
RSSD	Black Hills	48.72	2	P	P	07 10 55.4 +0.9
HLID	Hailey	48.79	351	P	P	07 10 56.3 +1.2
YBH	Yreka Blue Hor	48.87	343	LR	LR	07 26 58.3
ECSD	EROS Data Cent	48.98	9	P	P	07 10 56.7 +0.4
H17A	Grant Village	49.17	355	P	P	07 10 59.2 +1.1
L04D	Klamath Falls	49.20	344	P	P	07 10 57.9 -0.3
P52A	Corning	49.22	24	P	P	07 10 57.1 -1.2
ACSO	Alum Creek Sta	49.40	23	P	P	07 10 58.3 -1.3
YMR	Madison River	49.48	355	P	P	07 11 00.7 +0.3
J05D	Fort Rock, OR	49.91	345	P	P	07 11 04.4 +0.8
OS3A	New Philadelphia	50.12	24	P	P	07 11 02.9 -2.2
MCWV	Mont Chateau	50.21	26	P	P	07 11 04.9 +0.9
CPUP	Villa Florida	50.81	120	LR	LR	07 29 14.2
SPMN	Marine on St.	51.10	12	P	P	07 11 11.5 -0.9
G08A	Pilot Rock	51.27	348	P	Iamb	07 11 13.9 0.0
G08A	comp-Z, 1.4nm, 1.2s			Iamb	Iamb	07 11 30.4
M53A	WI Miller and	51.34	24	P	P	07 11 13.7 -0.6
SSPA	Standing Stone	51.87	27	P	P	07 11 19.0 +0.8
EGMT	Eagleton	52.73	356	P	P	07 11 24.9 +0.3
DGMT	Dagmar	53.06	1	P	P	07 11 27.1 +0.1
NEW	Newport	53.80	350	LR	LR	07 31 33.7
NEW	Newport	53.80	350	P	P	07 11 32.0 -0.4
MDP	Montagnes des	53.80	80	LR	LR	07 31 56.4
MDP	comp-Z, 3.3nm, 1.8s, baz=290, slow=13.3			LR	LR	07 31 56.4
EYMN	Ely	53.97	12	P	P	07 11 30.7 -2.9
BINY	Binghamton	53.98	27	P	P	07 11 32.9 -0.9
SADO	Sadowa	54.75	23	LR	LR	07 35 03.4
RAR0	Rarotonga	54.95	248	LR	LR	07 29 53.0
ULM	Lac du Bonnet	55.47	8	P	P	07 11 42.5 -0.0
ULM	comp-Z, 4.8nm, 0.9s, baz=186, slow=8.5, SNR=3.9			P	P	07 11 42.5 -0.0
LONY	Lake Ozonia	55.52	26	P	P	07 11 49.9 -2.2
BDFB	Brasilia	56.53	105	LR	LR	07 34 47.7
BBB	Bella Bella	56.91	344	LR	LR	07 34 47.6
T35M	Bob Quinn	64.76	345	P	P	07 12 49.0 +0.8
AFI	Afiama	65.75	257	LR	LR	07 33 49.4
AFI	comp-Z, 2.2nm, 21.7s, baz=210, slow=29			LR	LR	07 38 17.2
DLBC	Dease Lake	66.01	346	LR	LR	07 12 57.0 +0.8
DLBC	comp-Z, 1.99nm, 19.9s, baz=136, slow=33.3			LR	LR	07 12 57.0 +0.8
KOTAN	Kotaneleele Air	66.34	350	P	P	07 12 58.8 +0.5
PMSA	Palmer Station	66.76	162	LR	LR	07 34 50.8
PMSA	comp-Z, 5.53nm, 19.4s, baz=210, slow=29			LR	LR	07 34 50.8
Q32M	Nakina River	67.02	345	P	P	07 13 03.6 +0.8
YKA	Yellowknife Ar	67.45	355	P	P	07 13 03.5 -1.7
YKA	comp-Z, 3.9nm, 0.8s, baz=164, slow=6.6, SNR=9.8			LR	LR	07 40 41.1
SCHO	Schefferville	67.56	23	LR	LR	07 41 42.2
SCHO	comp-Z, 2.42nm, 20.4s, baz=210, slow=35			LR	LR	07 41 42.2
P32M	Atlin	67.94	345	P	P	07 13 09.2 +0.7
P33M	Teslin, Yukon	68.25	346	P	P	07 13 10.7 +0.3
SKAG	Skagway	68.25	344	P	P	07 13 12.0 +1.6
PLBC	Pleasant Camp	68.54	344	P	P	07 13 13.2 +1.1
N32M	Quiet Lake	69.14	346	P	P	07 13 16.5 +0.6
WRGLY	Wrigley	69.18	351	P	P	07 13 16.3 +0.3
P30M	Million Dollar	69.26	344	P	P	07 13 17.3 +0.6
O30N	Mendenhall	69.57	345	P	P	07 13 19.6 +1.0
PNL	Peninsula	69.59	342	P	P	07 13 20.0 +1.2
O29M	Mount Kennedy	69.86	343	P	P	07 13 21.3 +0.7
HYT	Haines Junctio	70.00	344	P	P	07 13 22.0 +0.6
MMPY	Sheldon Lake,	70.02	348	P	P	07 13 21.2 -0.1
N31M	Braeburn, Yuko	70.09	345	P	P	07 13 22.2 +0.4
FARO	Faro, Yukon	70.14	347	P	P	07 13 22.5 +0.4
PINM	Pinnacle	70.19	342	P	P	07 13 22.8 +0.3
YUK6	Outpost Mounta	70.33	344	P	P	07 13 24.0 +0.5
M31M	Drury Creek, Y	70.36	346	P	P	07 13 25.0 +1.6
N30M	Aishkik Lake	70.41	345	P	P	07 13 24.5 +0.7
O28M	Mount Upton	70.72	343	P	P	07 13 26.8 +0.8
YUK4	Talbot Arm	70.74	344	P	P	07 13 26.7 +0.7
YUK8	Steele Glacier	71.00	343	P	P	07 13 28.1 +0.4
CTG	Chitna Glacier	71.21	342	P	P	07 13 29.0 +0.2
M30M	Minto, Yukon	71.27	345	P	P	07 13 29.6 +0.6
M29M	Somme Creek	71.59	345	P	P	07 13 31.7 +0.6
YUK3	Moose Creek	71.60	343	P	P	07 13 32.1 +0.9
MCARA	McCarthy VSAT	72.05	342	P	P	07 13 34.5 +0.8
L29M	L29M	72.06	345	P	P	07 13 34.8 +1.1
BVCY	Beaver Creek	72.22	344	P	P	07 13 36.7 +2.0
RAO	Raoul Island	72.24	241	LR	LR	07 38 46.8
EYAK	Cordova Ski Ar	72.29	340	P	P	07 13 36.8 +1.7
M27K	Edge Creek, AK	72.47	343	P	P	07 13 37.7 +0.4
K29M	Barlow Dome	72.52	346	P	P	07 13 37.2 +0.7

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N25K	Chitina, Valde	72.71	342	P	P	07 13 38.7 +1.0
OHAH	Old Harbor	72.83	335	P	P	07 13 39.2 +0.9
M26K	Nabesna, AK	72.83	343	P	Iamb	07 13 38.3 -0.1
M26K	comp-Z, 1.6nm, 1.2s			Iamb	Iamb	07 13 44.8
M26K	Nabesna-3A	72.83	343	P	P	07 13 38.5 +0.1
KDAK	Kodiak Island	72.90	336	LR	LR	07 38 45.2
BCAR	Beaver Creek A	73.00	344	P	P	07 13 39.7 +0.3
L27K	Beaver Creek,	73.01	344	P	P	07 13 39.9 +0.5
KLU	Klutina	73.05	341	P	P	07 13 39.8 +0.1
DAWY	Dawson	73.17	345	P	P	07 13 40.7 +0.4
J29M	Klondike Camp	73.19	346	P	P	07 13 40.2 -0.2
J29M	comp-Z, 1.5nm, 1.1s			Iamb	Iamb	07 13 52.0
SEW	Seward	73.25	339	P	P	07 13 41.4 +0.6
PWL	Port Wells	73.39	340	P	P	07 13 42.2 +0.6
L26K	Log Cabin Wild	73.42	343	P	P	07 13 42.5 +0.7
BRSE	Bradley Lake S	73.48	338	P	P	07 13 42.5 +0.4
HARP	HAARP	73.48	342	P	P	07 13 42.7 +0.6
M24K	China Poot	73.52	338	P	P	07 13 42.8 +0.4
M24K	Kodak Glenn	73.58	341	P	P	07 13 43.8 +1.0
O22K	Cooper Landing	73.61	339	P	P	07 13 43.5 +0.6
SCM	Sheep Creek Mo	73.75	341	P	P	07 13 44.1 +0.2
FRB	Frishober Bay	73.78	16	LR	LR	07 45 19.6
KNK	Knik Glacier	73.83	340	P	P	07 13 44.5 +0.3
KNK	comp-Z, 1.41nm, 19.3s, baz=198, slow=35			P	P	07 13 44.5 +0.3
K27K	Chicken	73.84	344	P	P	07 13 44.9 +0.7
M23K	Glacier View	73.85	341	P	P	07 13 44.2 -0.1
I29M	Ogilvie Camp,	73.97	346	P	P	07 13 44.5 -0.5
I29M	Ogilvie Camp,	73.97	346	P	P	07 13 45.1 +0.1
PAX	Paxson	74.00	342	P	P	07 13 45.4 +0.9
RC01	Rabbit Creek A	74.04	339	P	P	07 13 44.5 -0.9
SML	Sawmill	74.07	340	P	P	07 13 45.5 -0.2
PMR	Palmar	74.18	340	P	P	07 13 46.4 +0.2
EGAK	Eagle	74.20	345	P	P	07 13 45.0 -1.2
SCRK	Sand Creek	74.33	343	P	P	07 13 47.1 -0.2
RIDG	Independent R1	74.40	343	P	P	07 13 47.4 -0.1
RIDG	Independent R1	74.40	343	P	P	07 13 47.6 0.0
R17K	Ugashik Creek	74.41	334	P	P	07 13 47.6 0.0
O20K	Slope Mountain	74.42	338	P	P	07 13 47.9 +0.1
Q18K	Katmai Hardscr	74.44	336	P	P	07 13 47.7 -0.2
EPYK	Eagle Plains	74.46	348	P	P	07 13 47.7 -0.2
EPYK	Eagle Plains	74.46	348	P	P	07 13 48.1 +0.2
Q17K	Conat Creek	74.57	335	P	P	07 13 48.6 -0.2
J26L	Joseph Creek	74.62	344	P	P	07 13 48.5 -0.4
M22K	Suitou	74.64	340	P	P	07 13 49.0 -0.2
SUA	Willow One	74.65	339	P	P	07 13 48.3 -0.8
F31M	Tsilingchic	74.79	349	P	P	07 13 49.6 0.0
G30M	Aoh Zraii Njii	74.88	348	P	P	07 13 50.5 +0.3
R16K	Pilot Point	74.88	334	P	P	07 13 50.6 +0.3
I27K	Kalbar River	74.97	345	P	P	07 13 50.6 -0.2
C36M	Paulatuk	75.07	353	P	P	07 13 51.2 0.0
CUT	China	75.14	340	P	P	07 13 52.4 +0.7
I26K	Coal Creek Min	75.14	345	P	Iamb	07 13 51.6 -0.1
I26K	comp-Z, 1.6nm, 1.2s			Iamb	Iamb	07 14 07.4
I26K	Coal Creek Min	75.14	345	P	P	07 13 51.6 -0.1
O19K	Port Alsworth	75.14	337	P	P	07 13 51.9 +0.1
Q16K	King Salmon	75.14	335	P	P	07 13 51.6 -0.2
SKT	Skwentna	75.28	339	P	P	07 13 52.1 -0.5
H27K	Steamboat Moun	75.45	346	P	P	07 13 53.4 -0.2
INK	Inuvik	75.51	350	LR	LR	07 44 43.0
INK	Inuvik	75.51	350	P	P	07 13 54.0 +0.3
HDA	Harding Lake	75.52	343	P	P	07 13 53.6 -0.3
MSVF	Nonsavu	75.56	253	LR	LR	07 39 00.9
N19K	Bonanza Creek	75.59	338	P	Iamb	07 13 53.0 -1.6
N19K	comp-Z, 1.5nm, 0.9s			Iamb	Iamb	07 13 60.0
N19K	Bonanza Creek	75.59	338	P	P	07 13 54.0 -0.6
MCK	McKinley	75.63	342	P	P	07 13 54.4 -0.2
MCK	comp-Z, 1.6nm, 1.0s			Iamb	Iamb	07 14 00.8
MCK	McKinley	75.63	342	P	P	07 13 54.1 -0.5
IL31	IL31	75.77	343	P	P	07 13 55.2 -0.1
IL31	comp-Z, 1.3nm, 1.1s			Iamb	Iamb	07 14 10.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR14 Kurchatov Arra, KUR15 Kurchatov Arra, KUR16 Kurchatov Arra, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNA Nana, PB11 IPOC Station P, TA02 Husiquique, etc.

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

FUNV 11 07:29:10.4, 12.03'N:69.64'W, h15km, MW3.4

ISC 11 07:29:08.7 ± 1.3, 12.03'N:0.04:69.64'W ± 0.03, h15km ± 10km,

n32, c1941/50, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AUA1 Aruba, JACV Jacura, SIQV Siquique, etc.

SAML Samuel

CHSH Refugio Sur-Vo

CFA Coronel Fontan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAML Samuel, CHSH Refugio Sur-Vo, CFA Coronel Fontan, etc.

BILL Bilibino

BILL Bilibino

BILL Bilibino

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

IDC 11 07:36:40.1 ± 1.9, 7.10'S:128.61'E, h0km, mb3.3/1,

m7btp3.5/4, ML3.6/3, MS3.2/2, Error ellipse: s-maj=63.2km s-min=30.0km az=79.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, etc.

NNC 11 08:22:11.5 ± 6.9, 36.92'N:71.07'E, h0km, mb3.6, mpv3.2,

1C-3D, Error ellipse: s-maj=65.9km s-min=49.8km

az=123.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML Almayashu, KK31 Karatay Array, AB31 Akbulak array, etc.

MOS 11 08:22:42.1 ± 1.6, 74.74'N:102.5'E, h5km, mb4.2/5, Error

ellipse: s-maj=19.1km s-min=8.6km az=78.9

NER 08:24:43.7 ± 0.6, 64.74'N:177.10'E, h12km

IDC 11 08:22:43.0 ± 0.6, 64.74'N:156.87'E, h0km, mb3.9/20,

mbtp3.9/22, ML5.3/1, MS3.5/4, Error ellipse: s-maj=16.4km s-min=9.6km az=133.0

ISC 11 08:22:42.0 ± 0.4, 64.73'N:0.04:157.03'E ± 0.04, h10km, n58,

c1999/74, mb3.9/26, MS3.4/4, 4C, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML Almayashu, KK31 Karatay Array, AB31 Akbulak array, etc.

NEIC 11 07:53:03.9 ± 1.6, 16.24'S:0.07:73.72'W ± 0.10, h35km, 2km,

mb4.1/10, Error ellipse: s-maj=17.1km s-min=11.1km

az=242.0

IDC 11 07:53:03.4 ± 1.2, 16.16'S:73.65'W, h45km, 5km, mb3.5/5,

mbtp3.8/8, ML4.0/3, MS3.2/3, Error ellipse: s-maj=41.9km

s-min=13.8km az=38.0

ISC 11 07:53:02.9 ± 0.6, 16.27'S:0.06:73.75'W ± 0.09, h35km, n60,

c1948/58, mb3.9/6, Near coast of Peru

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

Code, Station Name, Azimuth, Phase ID, Time, Res

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

Code, Station Name, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZEA Zeya, YSS Yuzh-Sakhalins, KLR Kul'dur, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing station data.

108:31:58.5, 1.4, 53.63N, 163.70W, h0km, mb3.8/20, mbmp3.8/22, ML3.2/2, MS3.4/5, Error ellipse: s-maj=33.5km s-min=16.0km az=1.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing station data.

108:32:02.4, 0.8, 53.59N, 163.58W, h0.05, h29km, n91, e144/86, mb4.0/19, MS3.6/4, Unimak Island region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing station data.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing station data.

108:58:40.1, 0.8, 6.77N, 73.14W, h140km, 3km, ML3.1, Mw3.4

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing station data.

108:58:37.9, 1.0, 6.83N, 0.03, 73.09W, h150km, 6km, n35, e154/63, SC-2D, Northern Colombia

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing station data.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing station data.

109:08:53.7, 0.1, 42.605N, 0.004, 13.326E, h0.005, h10km, ML1.1/1, Error ellipse: s-maj=0.4km s-min=0.4km az=292.0, Central Italy

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing station data.

109:09:32.4, 0.1, 42.822N, 0.003, 13.058E, h0.003, h10km, ML0.9/1, Error ellipse: s-maj=0.3km s-min=0.1km az=157.0, Central Italy

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing station data.

109:27:57.7, 1.3, 53.2N, 0.1, 163.37W, h0.08, h35km, 16km, Error ellipse: s-maj=25.2km s-min=12.3km az=175.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values representing station data.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Champ du Feu, Hinterafel, Haudompre, etc.

TEH 11 10:33:40.1, 34.959N:46.83E, h6km, 31km, ML4.0
IDC 11 10:33:40.3, 1.0, 34.96N:46.66E, h0km, mb3.7/10,
mbtmp3.8/15, ML4.0/5, MS2.9/8, Error ellipse:
s-maj=19.7km s-min=14.5km az=162.0

ISN 11 10:33:41.6, 0.8, 34.98N:46.89E, h18km, 4km, ML3.8
AZER 11 10:33:40.2, 4.7, 34.97N:47.00E, h8km, Error ellipse:
s-maj=30.6km s-min=19.7km az=175.0

ISC 11 10:33:40.3, 1.3, 34.92N:0.02:46.80E:0.03, h1km, 9km,
n95, c:208/103, mb3.8/10, MS2.9/4, Western Irr.

ILIN Lien 0.14 90 Op Pn 10 27 39.8 -3.4
IDHR Dehshah 0.40 237 Pp Pp 10 27 39.8 -3.4
SNGE Sanandaj 0.48 69 Pp Pp 10 27 39.8 -3.4

MAHB Mahabad 2.05 235 Pn Pn 10 34 16.0 +7.8
IKRK Kirkuk 2.07 384 Pn Pn 10 34 16.0 +7.8
IKRK Kirkuk 2.07 384 Pn Pn 10 34 16.0 +7.8

ZNUK Zanjan 2.33 41 Pn Pn 10 34 21.0 +1.1
IHSH Hashtrud 2.41 9 Pn Pn 10 34 21.0 +1.1
BHD Baghdad 2.25 231 Pn Pn 10 34 21.0 +1.1

IRAZ Razeghan 2.61 78 Pn Pn 10 34 25.2 +1.4
ASAO Ashtian 2.68 97 Pn Pn 10 34 25.2 +1.4
KHMZ Khomeyn 2.87 113 Pn Pn 10 34 30.0 +2.6

ISHB Sarab 2.98 13 Pn Pn 10 34 30.1 +1.2
IGZY Gazy 3.15 61 Pn Pn 10 34 35.0 +2.2
RAFI Al-Rafai 3.24 190 Pn Pn 10 34 35.0 +2.2

ISHB Shabestar 3.49 345 Pn Pn 10 34 37.5 +1.5
IQOM Qom 3.51 90 Pn Pn 10 34 37.1 +0.9
CHTH Charan 3.67 73 Pn Pn 10 34 39.7 +1.3

GHVR Ghovardasht - M 3.82 64 Pn Pn 10 34 42.3 +1.9
LRK Lerik 3.92 18 S Sb 10 34 47.9 -2.3
LRK Lerik 3.97 23 P S Sb 10 34 49.3 -1.7

ASTR Astara 3.97 23 P S Sb 10 34 49.3 -1.7
ASTR Astara 3.97 23 P S Sb 10 34 49.3 -1.7
QAMS Qamsar 3.98 106 Pn Pn 10 34 44.1 +1.4

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ILAR, BVAR, AKTO, YKA, NVAR, FINES, etc.

TEH 11 10:33:40.1, 34.959N:46.83E, h6km, 31km, ML4.0
IDC 11 10:33:40.3, 1.0, 34.96N:46.66E, h0km, mb3.7/10,
mbtmp3.8/15, ML4.0/5, MS2.9/8, Error ellipse:
s-maj=19.7km s-min=14.5km az=162.0

ISN 11 10:33:41.6, 0.8, 34.98N:46.89E, h18km, 4km, ML3.8
AZER 11 10:33:40.2, 4.7, 34.97N:47.00E, h8km, Error ellipse:
s-maj=30.6km s-min=19.7km az=175.0

ISC 11 10:33:40.3, 1.3, 34.92N:0.02:46.80E:0.03, h1km, 9km,
n95, c:208/103, mb3.8/10, MS2.9/4, Western Irr.

ILIN Lien 0.14 90 Op Pn 10 27 39.8 -3.4
IDHR Dehshah 0.40 237 Pp Pp 10 27 39.8 -3.4
SNGE Sanandaj 0.48 69 Pp Pp 10 27 39.8 -3.4

MAHB Mahabad 2.05 235 Pn Pn 10 34 16.0 +7.8
IKRK Kirkuk 2.07 384 Pn Pn 10 34 16.0 +7.8
IKRK Kirkuk 2.07 384 Pn Pn 10 34 16.0 +7.8

ZNUK Zanjan 2.33 41 Pn Pn 10 34 21.0 +1.1
IHSH Hashtrud 2.41 9 Pn Pn 10 34 21.0 +1.1
BHD Baghdad 2.25 231 Pn Pn 10 34 21.0 +1.1

IRAZ Razeghan 2.61 78 Pn Pn 10 34 25.2 +1.4
ASAO Ashtian 2.68 97 Pn Pn 10 34 25.2 +1.4
KHMZ Khomeyn 2.87 113 Pn Pn 10 34 30.0 +2.6

ISHB Sarab 2.98 13 Pn Pn 10 34 30.1 +1.2
IGZY Gazy 3.15 61 Pn Pn 10 34 35.0 +2.2
RAFI Al-Rafai 3.24 190 Pn Pn 10 34 35.0 +2.2

ISHB Shabestar 3.49 345 Pn Pn 10 34 37.5 +1.5
IQOM Qom 3.51 90 Pn Pn 10 34 37.1 +0.9
CHTH Charan 3.67 73 Pn Pn 10 34 39.7 +1.3

GHVR Ghovardasht - M 3.82 64 Pn Pn 10 34 42.3 +1.9
LRK Lerik 3.92 18 S Sb 10 34 47.9 -2.3
LRK Lerik 3.97 23 P S Sb 10 34 49.3 -1.7

ASTR Astara 3.97 23 P S Sb 10 34 49.3 -1.7
ASTR Astara 3.97 23 P S Sb 10 34 49.3 -1.7
QAMS Qamsar 3.98 106 Pn Pn 10 34 44.1 +1.4

IVRN Yaramin 4.05 88 Pn Pn 10 34 45.6 +2.1
ORD Ordubad 4.05 351 P P 10 34 52.2 -0.3
ORD Ordubad 4.05 351 P P 10 34 52.2 -0.3

IPIR Pirpir 4.07 122 Pn Pn 10 34 45.9 +1.9
VRD Yardiimli 4.15 16 P S Sb 10 34 45.9 +1.9
YRD Yardiimli 4.15 16 P S Sb 10 34 45.9 +1.9

MZPU Pul - Mazandar 4.17 67 Pn Pn 10 34 46.0 +0.7
IKHL Kolahrod 4.28 111 Pn Pn 10 34 48.5 +1.8
DAMV Damavand 4.29 79 Pn Pn 10 34 48.6 +1.6

NXB Nakhchivan 4.37 347 P P 10 34 56.4 +1.5
NAX Naxchivan 4.50 16 P S Sb 10 34 56.2 -3.8
GLBA Gilan 4.50 16 P S Sb 10 34 56.2 -3.8

KRSH Karshahi 4.51 101 Pn Pn 10 34 51.6 +1.7
SFID Sefidabad 4.52 96 Pn Pn 10 34 51.9 +1.8
GEVA Gevas 4.53 319 Pn Pn 10 34 59.6 +1.8

SHAB Shabab 4.58 348 S Sb 10 35 53.0 -4.2
MAKU Maku 4.74 340 Pn Pn 10 34 54.1 +1.1
IZEF Zefreh 5.02 112 Pn Pn 10 34 59.2 +2.2

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AK05, AKASG, BURAR, BUR08, AAK, ARU, BVAR, KURBB, GECZ, GECZ, GERES, MKAR, FINES, etc.

WEL 11 10:49:14.9, 0.4, 39.54S:17.5E:1.7, h19km, 5km, M4.0/25,
ML4.3/25, ML4.0/25, Error ellipse: s-maj=0.0km
s-min=0.0km az=177.4, confirmed

NOU 11 10:49:15.6, 39.30S:174.76E, h32km, ML4.1/13, North
Island, New Zealand
ISC 11 10:49:15.6:0.9, 39.34S:0.02:174.79E:0.02, h31km, 7km,
n141, c:094/148, North Island

Code Station Name Az El P S Time Res
VRZ Vera Road 0.22 353 P S 10 49 21.8 -0.3

VRZ Vera Road 0.22 353 P S 10 49 21.8 -0.3
VRZ Vera Road 0.22 353 P S 10 49 21.8 -0.3
LREZ Lake Rotokare 0.32 248 P S 10 49 23.2 -0.3

PKOK Pokaka 0.43 84 P S 10 49 23.9 +0.1
WAZ Wanganui 0.44 160 P S 10 49 24.6 -0.6

DREZ Durham Road 0.48 288 P S 10 49 25.9 -0.5
DREZ Durham Road 0.48 288 P S 10 49 25.9 -0.5
MTVZ Mangateitei 0.53 95 P P 10 49 25.7 -0.9

EMGT Egmont 0.54 277 P P 10 49 26.3 -0.1
TWZ Tangataua 0.57 62 P P 10 49 26.3 -0.9
TRVZ Turoa 0.59 86 P P 10 49 26.8 -0.9

FWWZ Far West T-bar 0.60 82 P P 10 49 27.1 -0.7
FRVZ Dome Shelter 0.60 94 P S 10 49 27.7 -0.3
KHEZ Kahurangi Hut 0.60 84 P P 10 49 28.1 -0.0

KHEZ Kahurangi Hut 0.60 84 P P 10 49 28.1 -0.0
KHEZ Kahurangi Hut 0.60 84 P P 10 49 28.1 -0.0
WHVZ Whangape Hut 0.62 85 P P 10 49 28.2 +0.1

WHVZ Whangape Hut 0.62 85 P P 10 49 28.2 +0.1
WHVZ Whangape Hut 0.62 85 P P 10 49 28.2 +0.1
WNVZ Wahianoa 0.63 89 P P 10 49 27.5 -0.7

PKE Pukei 0.64 293 P P 10 49 28.4 -0.1
NGZ Ngahueho 0.65 70 P P 10 49 27.7 -0.7
WTVZ West Tongariro 0.66 70 P P 10 49 28.0 -0.8

WTVZ West Tongariro 0.66 70 P P 10 49 28.0 -0.8
WTVZ West Tongariro 0.66 70 P P 10 49 28.0 -0.8
NNVZ North Ngauruhoe 0.67 72 P P 10 49 37.7 -0.0

TUVZ Tukino 0.67 94 P P 10 49 28.6 -0.4
SNVZ South Ngauruhoe 0.68 77 P P 10 49 28.6 -0.1
OTVZ Oturere 0.70 76 P P 10 49 28.8 -0.7

KRVZ Karewarewa 0.70 70 P P 10 49 28.7 -0.8
NMEZ Namu Road 0.71 264 P P 10 49 29.4 -0.2
NBEZ Newall Road No 0.72 275 P P 10 49 29.7 +0.1

NVZ North Tongariro 0.73 71 P P 10 49 29.1 -0.8
ETVZ East Tongariro 0.74 74 P P 10 49 29.4 -0.1
TMVZ Te Maari 0.74 73 P P 10 49 29.4 -0.8

MOVZ Moawhango 0.75 95 P P 10 49 29.3 -0.9
KATZ Kakaramea 0.79 63 P P 10 49 30.2 -0.8
HIZ Hauri 0.83 4 P P 10 49 30.7 -0.8

RIATZ Rangitukia 0.90 59 P P 10 49 31.8 -0.9
RITZ Rihia Road 0.91 67 P P 10 49 32.3 +0.1
WATZ Wairara 0.97 50 P P 10 49 32.9 -0.2

TEH 11 10:33:40.1, 34.959N:46.83E, h6km, 31km, ML4.0
IDC 11 10:33:40.3, 1.0, 34.96N:46.66E, h0km, mb3.7/10,
mbtmp3.8/15, ML4.0/5, MS2.9/8, Error ellipse:
s-maj=19.7km s-min=14.5km az=162.0

ISN 11 10:33:41.6, 0.8, 34.98N:46.89E, h18km, 4km, ML3.8
AZER 11 10:33:40.2, 4.7, 34.97N:47.00E, h8km, Error ellipse:
s-maj=30.6km s-min=19.7km az=175.0

ISC 11 10:33:40.3, 1.3, 34.92N:0.02:46.80E:0.03, h1km, 9km,
n95, c:208/103, mb3.8/10, MS2.9/4, Western Irr.

ILIN Lien 0.14 90 Op Pn 10 27 39.8 -3.4
IDHR Dehshah 0.40 237 Pp Pp 10 27 39.8 -3.4
SNGE Sanandaj 0.48 69 Pp Pp 10 27 39.8 -3.4

MAHB Mahabad 2.05 235 Pn Pn 10 34 16.0 +7.8
IKRK Kirkuk 2.07 384 Pn Pn 10 34 16.0 +7.8
IKRK Kirkuk 2.07 384 Pn Pn 10 34 16.0 +7.8

ZNUK Zanjan 2.33 41 Pn Pn 10 34 21.0 +1.1
IHSH Hashtrud 2.41 9 Pn Pn 10 34 21.0 +1.1
BHD Baghdad 2.25 231 Pn Pn 10 34 21.0 +1.1

IRAZ Razeghan 2.61 78 Pn Pn 10 34 25.2 +1.4
ASAO Ashtian 2.68 97 Pn Pn 10 34 25.2 +1.4
KHMZ Khomeyn 2.87 113 Pn Pn 10 34 30.0 +2.6

ISHB Sarab 2.98 13 Pn Pn 10 34 30.1 +1.2
IGZY Gazy 3.15 61 Pn Pn 10 34 35.0 +2.2
RAFI Al-Rafai 3.24 190 Pn Pn 10 34 35.0 +2.2

ISHB Shabestar 3.49 345 Pn Pn 10 34 37.5 +1.5
IQOM Qom 3.51 90 Pn Pn 10 34 37.1 +0.9
CHTH Charan 3.67 73 Pn Pn 10 34 39.7 +1.3

GHVR Ghovardasht - M 3.82 64 Pn Pn 10 34 42.3 +1.9
LRK Lerik 3.92 18 S Sb 10 34 47.9 -2.3
LRK Lerik 3.97 23 P S Sb 10 34 49.3 -1.7

ASTR Astara 3.97 23 P S Sb 10 34 49.3 -1.7
ASTR Astara 3.97 23 P S Sb 10 34 49.3 -1.7
QAMS Qamsar 3.98 106 Pn Pn 10 34 44.1 +1.4

IVRN Yaramin 4.05 88 Pn Pn 10 34 45.6 +2.1
ORD Ordubad 4.05 351 P P 10 34 52.2 -0.3
ORD Ordubad 4.05 351 P P 10 34 52.2 -0.3

IPIR Pirpir 4.07 122 Pn Pn 10 34 45.9 +1.9
VRD Yardiimli 4.15 16 P S Sb 10 34 45.9 +1.9
YRD Yardiimli 4.15 16 P S Sb 10 34 45.9 +1.9

MZPU Pul - Mazandar 4.17 67 Pn Pn 10 34 46.0 +0.7
IKHL Kolahrod 4.28 111 Pn Pn 10 34 48.5 +1.8
DAMV Damavand 4.29 79 Pn Pn 10 34 48.6 +1.6

NXB Nakhchivan 4.37 347 P P 10 34 56.4 +1.5
NAX Naxchivan 4.50 16 P S Sb 10 34 56.2 -3.8
GLBA Gilan 4.50 16 P S Sb 10 34 56.2 -3.8

KRSH Karshahi 4.51 101 Pn Pn 10 34 51.6 +1.7
SFID Sefidabad 4.52 96 Pn Pn 10 34 51.9 +1.8
GEVA Gevas 4.53 319 Pn Pn 10 34 59.6 +1.8

SHAB Shabab 4.58 348 S Sb 10 35 53.0 -4.2
MAKU Maku 4.74 340 Pn Pn 10 34 54.1 +1.1
IZEF Zefreh 5.02 112 Pn Pn 10 34 59.2 +2.2

WEL 11 10:49:14.9, 0.4, 39.54S:17.5E:1.7, h19km, 5km, M4.0/25,
ML4.3/25, ML4.0/25, Error ellipse: s-maj=0.0km
s-min=0.0km az=177.4, confirmed

NOU 11 10:49:15.6, 39.30S:174.76E, h32km, ML4.1/13, North
Island, New Zealand
ISC 11 10:49:15.6:0.9, 39.34S:0.02:174.79E:0.02, h31km, 7km,
n141, c:094/148, North Island

Code Station Name Az El P S Time Res
VRZ Vera Road 0.22 353 P S 10 49 21.8 -0.3

VRZ Vera Road 0.22 353 P S 10 49 21.8 -0.3
VRZ Vera Road 0.22 353 P S 10 49 21.8 -0.3
LREZ Lake Rotokare 0.32 248 P S 10 49 23.2 -0.3

PKOK Pokaka 0.43 84 P S 10 49 23.9 +0.1
WAZ Wanganui 0.44 160 P S 10 49 24.6 -0.6

DREZ Durham Road 0.48 288 P S 10 49 25.9 -0.5
DREZ Durham Road 0.48 288 P S 10 49 25.9 -0.5
MTVZ Mangateitei 0.53 95 P P 10 49 25.7 -0.9

EMGT Egmont 0.54 277 P P 10 49 26.3 -0.1
TWZ Tangataua 0.57 62 P P 10 49 26.3 -0.9
TRVZ Turoa 0.59 86 P P 10 49 26.8 -0.9

FWWZ Far West T-bar 0.60 82 P P 10 49 27.1 -0.7
FRVZ Dome Shelter 0.60 94 P S 10 49 27.7 -0.3
KHEZ Kahurangi Hut 0.60 84 P P 10 49 28.1 -0.0

KHEZ Kahurangi Hut 0.60 84 P P 10 49 28.1 -0.0
KHEZ Kahurangi Hut 0.60 84 P P 10 49 28.1 -0.0
WHVZ Whangape Hut 0.62 85 P P 10 49 28.2 +0.1

WHVZ Whangape Hut 0.62 85 P P 10 49 28.2 +0.1
WHVZ Whangape Hut 0.62 85 P P 10 49 28.2 +0.1
WNVZ Wahianoa 0.63 89 P P 10 49 27.5 -0.7

PKE Pukei 0.64 293 P P 10 49 28.4 -0.1
NGZ Ngahueho 0.65 70 P P 10 49 27.7 -0.7
WTVZ West Tongariro 0.66 70 P P 10 49 28.0 -0.8

WTVZ West Tongariro 0.66 70 P P 10 49 28.0 -0.8
WTVZ West Tongariro 0.66 70 P P 10 49 28.0 -0.8
NNVZ North Ngauruhoe 0.67 72 P P 10 49 37.7 -0.0

TUVZ Tukino 0.67 94 P P 10 49 28.6 -0.4
SNVZ South Ngauruhoe 0.68 77 P P 10 49 28.6 -0.1
OTVZ Oturere 0.70 76 P P 10 49 28.8 -0.7

KRVZ Karewarewa 0.70 70 P P 10 49 28.7 -0.8
NMEZ Namu Road 0.71 264 P P 10 49 29.4 -0.2
NBEZ Newall Road No 0.72 275 P P 10 49 29.7 +0.1

NVZ North Tongariro 0.73 71 P P 10 49 29.1 -0.8
ETVZ East Tongariro 0.74 74 P P 10 49 29.4 -0.1
TMVZ Te Maari 0.74 73 P P 10 49 29.4 -0.8

MOVZ Moawhango 0.75 95 P P 10 49 29.3 -0.9
KATZ Kakaramea 0.79 63 P P 10 49 30.2 -0.8
HIZ Hauri 0.83 4 P P 10 49 30.7 -0.8

RIATZ Rangitukia 0.90 59 P P 10 49 31.8 -0.9
RITZ Rihia Road 0.91 67 P P 10 49 32.3 +0.1
WATZ Wairara 0.97 50 P P 10 49 32.9 -0.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NNZ, AWAZ, QNZ, etc.

IDC 11 11:01:21.01-1.0,35°04'N-46°76'E, h0km, mb3.6/13, mbmp3.7/18, ML3.6/5, MS2.8/8, Error ellipse: s-maj=19.4km s-min=14.9km az=173.0

TEH 11 11:01:22.04, 34°98'N-46°85'E, h8km, 24km, ML3.9, ISN 11 11:01:22.04, 34°98'N-46°89'E, h18km, 4km, ML3.8

AZER 11 11:01:27.81, 34°50'N-47°03'E, h10km, Error ellipse: s-maj=17.9km s-min=13.2km az=108.0

ISC 11 11:01:23.01-0.9,34°37'N-0°02'-46°86'E, 0.03, h9km, 6km, n87, c186/93, mb3.6/12, Western Iran

Main table of station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ILIN, SNGE, IDHR, etc.

Main table of station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KBZ, GEYT, MMAI, etc.

Main table of station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NNZ, TUWZ, TKNZ, etc.

Table with columns: TERR, KONS, STOK, MORB, ZFI, OMEGA, ZFI2, APA0, APA0, APA0, LVAZ, APA, NOA, FIA0, FIA0, FINE5, FINE5, NRA0, NRA0, HFS, YKA, MKAR, ILAR. Includes station names, codes, and coordinates.

SOME 11 11:08:36.6, 40.90N, 70.13E, h10km
ISU 11 11:08:38.3, 41.06N, 69.45E, h4km
NNC 11 11:08:38.5, 6.40, 92N, 69.70E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=43.3km s-min=23.5km az=52.0

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations and their associated data points.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations and their associated data points.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations and their associated data points.

IDC 11 12:10:25.1, 1.8, 31.40N, 130.56E, h0km, mb3.0/2, mbmp3.1/6, ML2.6/4. Error ellipse: s-maj=40.4km s-min=15.5km az=105.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JSU Suzuyama, JTSR Tashiro 2, JNAR Kushima-Naru, etc.

JMA 11 12:13:07.9.0.1, 43.0N, 0.5.145.4E, 0.7, h48km, 1km, MV2.8/39, OFF NEMURO PENINSULA

SKHL 11 12:13:08.4.0.3, 43.00N, 145.40E, h43km, 3km, mb, 0.0/5

ISC 11 12:13:07.2.1.8, 42.97N, 0.09.145.45E, 0.05, h47km, 12km, n14, e055/24, Hokkaido region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JKHJN Kushirohamanak, NMR Nemuro-Hokkai, NEM2 Nemuro 2, etc.

ROM 11 12:33:35.5.0.1, 42.815N, 0.002.13.053E, 0.003, h6km, Md0.8/4, 1C, Error ellipse: s-maj=0.2km

s-min=0.2km az=236.0, Central Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like T1216 Preci, Frazion, T1216 Castelsantange, etc.

NNC 11 12:33:58.7.0.6, 42.59N, 70.10E, h0km, mpv1.7, Error ellipse: s-maj=9.9km s-min=2.9km az=119.0, Suspected Mining explosion.

KRNET 11 12:33:59.8.0.1, 42.60N, 70.09E, h15km, mb, 2.7

ISC 11 12:33:57.6.2.7, 42.68N, 0.06.69.9E, 0.1, h0km, n18, e089/36, 25C-11D, Central Kazakhstan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KK07 Karatay Array, KK08 Karatay Array, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KKAR baz=32, KK04 Karatay Array, etc.

ROM 11 12:35:32.2.0.3, 39.78N, 0.01.15.89E, 0.04, h277km, 2km, ML3.4/17, Error ellipse: s-maj=3.0km s-min=0.6km az=91.0

LDG 11 12:35:32.1.0.1, 39.86N, 15.93E, h284km, ML3.1/14, Error ellipse: s-maj=2.7km s-min=1.6km az=41.0

IDC 11 12:35:37.1.1.6, 39.97N, 15.69E, h307km, 17km, mb, 3.1/7, mbtmp3.7/11, Error ellipse: s-maj=30.7km s-min=13.6km az=93.0

ISC 11 12:35:33.1.0.8, 39.82N, 0.07.15.86E, 0.07, h269km, 6km, n88, e092/111, mb3.5/6, 2C-4D, Southern Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like MMN Mormanno, CUC Castrocucco, CUC, etc.

ORI Oriolo Calabro Viggiano (PZ) 0.52 61 P Pn 12 36 09.2 +0.9

AG11 0.52 8 S S 12 36 09.5 +1.2

SLCN Sala Consilina 0.60 343 P Pn 12 36 09.5 +0.8

CARI CAROLEI 0.62 154 S S 12 36 09.0 +0.2

MCEL Monticello 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like TIP comp=N,231µm,0.7s, MRLC Muro Lucano, etc.

ROM 11 12:35:32.2.0.3, 39.78N, 0.01.15.89E, 0.04, h277km, 2km, ML3.4/17, Error ellipse: s-maj=3.0km s-min=0.6km az=91.0

LDG 11 12:35:32.1.0.1, 39.86N, 15.93E, h284km, ML3.1/14, Error ellipse: s-maj=2.7km s-min=1.6km az=41.0

IDC 11 12:35:37.1.1.6, 39.97N, 15.69E, h307km, 17km, mb, 3.1/7, mbtmp3.7/11, Error ellipse: s-maj=30.7km s-min=13.6km az=93.0

ISC 11 12:35:33.1.0.8, 39.82N, 0.07.15.86E, 0.07, h269km, 6km, n88, e092/111, mb3.5/6, 2C-4D, Southern Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SNAL S. Angelo Dei, AMUR Altamura, MRVN Minervino Murg, etc.

ORI Oriolo Calabro Viggiano (PZ) 0.52 61 P Pn 12 36 09.2 +0.9

AG11 0.52 8 S S 12 36 09.5 +1.2

SLCN Sala Consilina 0.60 343 P Pn 12 36 09.5 +0.8

CARI CAROLEI 0.62 154 S S 12 36 09.0 +0.2

MCEL Monticello 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

MCEL 0.51 355 P Pn 12 36 09.7 +1.3

DAVA	Damules	49.49 47 eP	P	13 02 32.0 +0.5
UBR	Ueberhuff	49.70 47 eP	P	13 02 33.1 +0.1
E28A	Huff	49.96 312 P	P	13 02 34.4 -0.6
OSSC	Osservatorio P	50.00 52 P	P	13 02 35.9 +0.6
FETA	Feichten	50.02 48 eP	P	13 02 36.3 +0.7
RETA	Reutte	50.11 47 eP	P	13 02 36.9 +0.7
POST	Post	50.18 294 P	P	13 02 37.6 +0.7
AMTX	Amarillo	50.22 297 P	P	13 02 37.3 +0.1
AMTX	Amarillo	50.22 297 P	P	13 02 38.0 +0.8
METH	Rethen/Aller	50.24 40 eP	P	13 02 37.8 +0.9
ROTA	Moosalm	50.32 47 iP	P	13 02 38.5 +0.6
GTGG	Gottingen	50.33 42 eP	P	13 02 37.5 -0.2
SQTA	Sankt Quirin	50.38 47 eP	P	13 02 38.8 +0.5
OGNE	Ogallala	50.45 304 P	P	13 02 39.1 +0.2
OGNE	Ogallala	50.45 304 P	P	13 02 39.9 +1.0
CTI	Castel Tesino	50.53 49 P	P	13 02 39.1 -0.3
NRDL	Niedersach Rie	50.63 40 eP	P	13 02 40.5 +0.7
WATA	Walderaar	50.64 47 eP	P	13 02 39.5 -0.7
CLZ	Clausthal	50.65 41 eP	P	13 02 40.1 +0.1
WTTA	Wattenberg	50.67 47 eP	P	13 02 40.8 +0.3
WTTA	Wattenberg	50.67 47 eP	P	13 02 40.4 -0.1
GRF	Grabenberg Arr	50.76 44 eP	P	13 02 41.1 +0.1
KSCO	Kaye Shedlock	50.88 302 P	P	13 02 42.5 +0.3
KSCO	Kaye Shedlock	50.88 302 P	P	13 02 42.2 0.0
KSCO	Kaye Shedlock	50.88 302 P	P	13 02 42.5 +0.3
ASSE	Asse, Remlinge	50.89 41 eP	P	13 02 42.5 +0.8
BSEGE	Bad Segeberg	51.09 39 eP	P	13 02 43.9 +0.6
MSTX	Muleshoe	51.18 296 P	P	13 02 44.5 0.0
MSTX	Muleshoe	51.18 296 P	P	13 02 44.8 +0.3
MSTX	Muleshoe	51.18 296 P	P	13 02 45.1 +0.6
MOX	Moxa	51.26 43 eP	P	13 02 44.1 +0.1
ABTA	Abfattersbach	51.20 48 eP	P	13 02 44.4 0.0
FLTG	Flechtingen	51.27 41 eP	P	13 02 44.9 +0.2
NEUB	Neuenburg	51.38 42 eP	P	13 02 45.8 +0.2
ROTZ	Rotzenmühle	51.41 44 eP	P	13 02 45.6 -0.2
RJOB	Jochberg	51.57 47 eP	P	13 02 46.9 +0.2
WERW	Wernitzgrub	51.60 44 eP	P	13 02 47.5 +0.2
NKC	Novy Kostel	51.63 44 eP	P	13 02 47.9 +0.4
NKC	Novy Kostel	51.63 44 eP	P	13 02 47.9 +0.4
KBA	Koelnbreinsper	51.81 48 eP	P	13 02 48.7 -0.3
KBA	Koelnbreinsper	51.81 48 eP	P	13 02 48.6 -0.5
MYKA	Terra Mystica	51.97 48 eP	P	13 02 49.9 -0.2
BIOA	Bad Ischl, Aus	52.07 47 iP	P	13 02 50.6 -0.2
RSSD	Black Hills	52.08 308 P	P	13 02 51.4 +0.2
RSSD	Black Hills	52.08 308 P	P	13 02 51.2 0.0
CLL	Collim	52.16 42 iP	P	13 02 51.3 0.0
CLL	Collim	52.16 42 iP	P	13 02 51.0 -0.2
KHC	Kasperske Hory	52.20 45 eP	P	13 02 52.2 +0.4
KHC	Kasperske Hory	52.20 45 eP	P	13 02 51.2 -0.6
FFC	Flin Flon	52.23 322 P	P	13 02 51.5 -0.4
FFC	Flin Flon	52.23 322 P	P	13 02 51.5 -0.4
GER2	GERESS Array B	52.25 46 P	P	13 02 51.1 -1.1
GER2	GERESS Array S	52.25 46 P	P	13 02 51.6 +0.6
GERES	GERESS Array B	52.25 46 P	P	13 02 51.9 -0.4
GERES	GERESS Array B	52.25 46 P	P	13 02 52.0 -0.2
FBE	Freiberg	52.31 43 eP	P	13 02 52.8 +0.3
T25A	Trinidad	52.33 300 P	P	13 02 53.6 +0.5
TX31	Lajitas Ar. Si	52.43 290 P	P	13 02 53.7 -0.2
TX31	Lajitas Ar. Si	52.43 290 P	P	13 02 54.1 +0.2
TX32	Lajitas Array	52.43 290 P	P	13 02 53.3 -0.6
TX32	Lajitas Array	52.43 290 P	P	13 02 54.9
TXAR	Lajitas Array	52.43 290 P	P	13 02 54.0 +0.1
TXAR	Lajitas Array	52.43 290 P	P	13 02 54.0 +0.1
MOA	Molin	52.51 47 eP	P	13 02 54.0 +0.1
MOA	Molin	52.51 47 eP	P	13 02 54.0 0.0
DGMT	Dagmar	52.54 314 P	P	13 02 54.0 -0.3
DGMT	Dagmar	52.54 314 P	P	13 02 55.7
DGMT	Dagmar	52.54 314 P	P	13 02 54.4 0.0
DGMT	Dagmar	52.54 314 P	P	13 02 54.2 -0.1
OBKA	Obrir	52.58 49 eP	P	13 02 54.6 -0.1
OBKA	Obrir	52.58 49 eP	P	13 02 54.7 -0.1
CKRC	Cesky Krumlov	52.64 46 eP	P	13 02 55.2 +0.2
CKRC	Cesky Krumlov	52.64 46 eP	P	13 02 55.2 +0.2
GD12	Guadalupe Moun	52.67 293 P	P	13 02 55.3 -0.3
BRG	Berggiesshubel	52.67 43 iP	P	13 02 55.6 +0.3
BRG	Berggiesshubel	52.67 43 iP	P	13 02 55.7
BRG	Berggiesshubel	52.67 43 iP	P	13 02 55.5 +0.3
BRG	Berggiesshubel	52.67 43 iP	P	13 02 54.9 -0.3
RUE	Ruedersdorf	52.83 41 eP	P	13 02 56.6 +0.3

Q24A	Divide	52.84 302 P	P	13 02 57.5 +0.4
Q24A	Divide	52.84 302 P	P	13 02 59.3
Q24A	Divide	52.84 302 P	P	13 02 58.0 +0.9
SOKA	Soboth	52.92 48 eP	P	13 02 56.5 -0.7
SDCO	Great Sand Dun	53.17 300 P	P	13 03 00.5 +1.0
SDCO	Great Sand Dun	53.17 300 P	P	13 03 00.4 +1.0
ISCO	Idaho Springs	53.18 303 P	P	13 02 59.5 -0.1
ISCO	Idaho Springs	53.18 303 P	P	13 03 00.6 +1.1
ARSA	Arzberg	53.30 48 eP	P	13 02 59.6 -0.4
ARSA	Arzberg	53.30 48 eP	P	13 02 59.1 -0.9
N23A	Red Feather La	53.42 304 P	P	13 03 01.8 +0.5
NB2	NORSAR Subarra	53.54 30 P	P	13 03 01.4 -0.1
NOA	NORSAR Array B	53.54 30 P	P	13 03 01.2 -0.3
CONA	Conrad Observa	53.59 47 eP	P	13 03 01.9 -0.2
MNTX	Cornudas Mount	53.59 293 P	P	13 03 02.2 -0.1
MNTX	Cornudas Mount	53.59 293 P	P	13 03 01.9 -0.4
LAO	LASA Array	53.76 312 P	P	13 03 03.3 -0.1
LAO	LASA Array	53.76 312 P	P	13 03 03.5 +0.2
K22A	Casper	53.84 307 P	P	13 03 03.8 -0.3
K22A	Casper	53.84 307 P	P	13 03 04.1 -0.1
RONA	Rosalita, Austr	53.86 47 eP	P	13 03 03.9 -0.2
MECA	Mercedes	53.95 194 eP	P	13 03 05.0 +0.3
KRC	Kraikly	54.07 44 eP	P	13 03 05.3 -0.2
OSTC	Ostas	54.07 44 eP	P	13 03 05.3 -0.2
DPC	Dobruska-Polom	54.11 44 eP	P	13 03 06.5 +0.6
DPC	Dobruska-Polom	54.11 44 eP	P	13 03 06.5 +0.6
ANMO	Albuquerque	54.13 297 eP	P	13 03 07.7 +1.3
ANMO	Albuquerque	54.13 297 eP	P	13 03 06.8 +0.4
ANMO	Albuquerque	54.13 297 P	P	13 03 06.8 +0.4
ANMO	Albuquerque	54.13 297 P	P	13 03 07.8 +1.3
S22A	4UR Ranch, Cre	54.22 301 P	P	13 03 08.0 +0.8
KRLC	Kraikly	54.38 44 eP	P	13 03 07.6 -0.2
KRLC	Kraikly	54.38 44 eP	P	13 03 07.6 -0.2
MODS	Modra-Piesok	54.56 46 eP	P	13 03 09.2 +0.1
MODS	Modra-Piesok	54.56 46 eP	P	13 03 10.5 +0.7
Y22F	Pascal Instru	54.60 296 P	P	13 03 10.7 +0.5
Y22A	Socorro	54.62 296 P	P	13 03 10.7 +0.5
MORC	Moravsky Berou	54.84 45 P	P	13 03 10.6 -0.6
MORC	Moravsky Berou	54.84 45 P	P	13 03 10.6 -0.6
O20A	White River, Ci	55.19 304 P	P	13 03 14.5 +0.5
121A	Cookes Peak, D	55.50 294 P	P	13 03 17.7 +1.3
121A	Cookes Peak, D	55.50 294 P	P	13 03 19.0
121A	Cookes Peak, D	55.50 294 P	P	13 03 17.7 +1.3
121A	Cookes Peak, D	55.50 294 P	P	13 03 17.6 +1.3
MVCO	Mesa Verde	55.58 300 P	P	13 03 17.6 +0.6
MVCO	Mesa Verde	55.58 300 P	P	13 03 18.3 +1.3
VYHS	Yhine	55.61 46 eP	P	13 03 16.6 -0.1
VYHS	Yhine	55.61 46 eP	P	13 03 16.6 -0.1
RLMT	Red Lodge	55.64 310 P	P	13 03 16.6 -0.1
PDAR	Pinedale Array	56.08 307 P	P	13 03 20.1 -0.3
BW06	Boulder Array	56.08 307 P	P	13 03 20.3 -0.2
BW06	Boulder Array	56.08 307 P	P	13 03 21.6
BW06	Boulder Array	56.08 307 P	P	13 03 20.5 0.0
EGMT	Eagleton	56.12 310 P	P	13 03 21.0 +0.4
EGMT	Eagleton	56.22 313 P	P	13 03 21.8 +0.6
YMP	Mirror Lake Pl	56.47 309 P	P	13 03 24.0 +0.7
P18A	Preston Turret	56.76 303 P	P	13 03 25.9 +0.4
P18A	Preston Turret	56.76 303 P	P	13 03 27.3
H17A	Grant Village	56.78 309 P	P	13 03 26.7 +1.2
W18A	Petrified Fore	56.79 298 P	P	13 03 26.1 +0.6
W18A	Petrified Fore	56.79 298 P	P	13 03 27.6
W18A	Petrified Fore	56.79 298 P	P	13 03 25.1 -0.4
MOOW	Moose Ponds	56.92 308 P	P	13 03 26.7 +0.3
SRU	San Rafael Swe	57.01 302 P	P	13 03 27.8 +0.7
SRU	San Rafael Swe	57.01 302 P	P	13 03 27.8 +0.7
YMR	Madison River	57.05 309 P	P	13 03 28.1 +0.8
AHID	Auburn Hatcher	57.21 307 P	P	13 03 28.6 +0.1
BOZ	Bozeman (W)	57.50 310 P	P	13 03 30.8 +0.4
BOZ	Bozeman (W)	57.50 310 P	P	13 03 30.8 +0.4
BOZ	Bozeman (W)	57.50 310 P	P	13 03 30.9 +0.4
BOZ	Bozeman (W)	57.50 310 P	P	13 03 31.2 0.0
HRY	Holter Resear	57.62 311 P	P	13 03 32.6 0.0
MPU	Maple Canyon	57.79 304 P	P	13 03 32.4
TUC	Tucson	58.05 294 P	P	13 03 35.4 +1.1
TUC	Tucson	58.05 294 P	P	13 03 35.7
TUC	Tucson	58.05 294 P	P	13 03 35.4 +1.1
TUC	Tucson	58.05 294 P	P	13 03 35.3 +1.0
LRM	Limekiln Ridge	58.07 310 P	P	13 03 33.9 -0.6
WUAZ	Wupatki	58.07 298 P	P	13 03 35.6 +1.1
NLU	North Lily Mtn	58.14 304 P	P	13 03 35.4 +0.4
NLU	North Lily Mtn	58.14 304 P	P	13 03 36.9
MSU	Marysvale	58.36 302 P	P	13 03 37.2 +0.6
MSU	Marysvale	58.36 302 P	P	13 03 37.2 +0.6
MVU	Marysvale	58.38 302 P	P	13 03 37.2 +0.4
DUG	Dugway, Tooele	58.68 304 P	P	13 03 39.5 +0.8
DUG	Dugway, Tooele	58.68 304 P	P	13 03 40.5
DUG	Dugway, Tooele	58.68 304 P	P	13 03 39.5 +0.8
DUG	Dugway, Tooele	58.68 304 P	P	13 03 39.6 +0.9
MSO	Mesa Verde	59.06 312 P	P	13 03 41.5 +0.3
HLID	Hailey	59.59 308 P	P	13 03 46.0 +1.0
HLID	Hailey	59.59 308 P	P	13 03 46.0 +1.0
Y14A	Wickenburg	59.63 297 P	P	13 03 46.5 +1.3
214A	Organ Pipe Nat	59.80 294 P	P	13 03 47.8 +1.4
YKA	Yellowknife Ar	60.08 330 P	P	13 03 46.8 -0.9

Q12A	Willow Creek R	60.35 303 P	P	13 03 51.3 +1.0
ELK	Elko	60.46 305 P	P	13 03 51.5 +0.4
ELK	Elko	60.46 305 P	P	13 03 52.6
ELK	Elko	60.46 305 P	P	13 03 51.5 +0.4
PDMC	Parker Dam, Lak	60.50 297 P	P	13 03 52.1 +1.0
MLR	Muntele Rosu	60.51 50 P	P	13 03 51.2 -0.1
MLR	Muntele Rosu	60.51 50 P	P	13 03 51.2 -0.1
PLID	Pearl Lake	60.60 310 P	P	13 03 52.3 +0.3
PLID	Pearl Lake	60.60 310 P	P	13 03 53.4
FINES	FINESS Array B	60.65 31 P	P	13 03 51.4 -0.4
NACGM	Naroch	60.73 39 eP	P	13 03 53.2 +0.8
PRN	Pahroc Range	60.75 301 P	P	13 03 53.5 +0.5
PRN	Pahroc Range	60.75 301 P	P	13 03 55.7
R11A	Troy Canyon, C	61.03 302 P	P	13 03 55.6 +0.6
NEW	Newport	61.15 313 P	P	13 03 56.1 +0.7
GLA	Glamis	61.28 296 P	P	13 03 57.5 +0.9
IRM	Iron Mountain	61.34 297 P	P	13 03 57.5 +0.6
ARCES	ARCCESS Array B	61.44 22 P	P	13 03 54.8 -2.2
GMRC	Granite Mounta	61.65 298 P	P	13 04 00.2 +1.0
BC3	Big Chuckawall	61.68 297 P	P	13 03 60.0 +0.6
TUQ	Turquoise Moun	61.75 299 P	P	13 04 00.4 +0.5
TPNV	Topopah Spring	61.76 301 P	P	13 04 00.4 +0.5
TPNV	Topopah Spring	61.76 301 P	P	13 04 02.7
TPNV	Topopah Spring	61.76 301 P	P	13 04 00.4 +0.5
TPNV	Topopah Spring	61.76 301 P	P	13 04 00.7 +0.7
BELC	Belle Fourche	62.07 297 P	P	13 04 01.9 -0.1
SWSC	Sam W. Stewart	62.10 296 P	P	13 04 02.3 +0.3
HEC	Hector, Ludlow	62.19 298 P	P	13 04 02.8 0.0
FURC	Furnace Creek, C	62.34 300 P	P	13 04 04.1 0.0
AKASG	Malin Array Be	62.34 44 P	P	13 04 02.2 -1.1
AKASG	Malin Array Be	62.34 44 P	P	13 03 07.2 +0.1
AKASG	Malin Array Be	62.34 44 P	P	13 04 02.9 -0.4
AKASG	Malin Array Be	62.34 44 P	P	13 04 02.9 -0.4
AKBB				

FARO	Faro, Yukon	68.79 320	P	P	13 04 44.9	0.0
P33M	Teslin, Yukon	68.89 338	P		13 04 45.8	+0.2
G30M	A'oh Zraii NJI	69.15 335	P	P	13 04 46.9	-0.2
M31M	Drury Creek, Y	69.27 330	P	P	13 04 48.6	+0.7
P32M	Atlin	69.45 327	P	P	13 04 49.6	+0.5
EPYK	Eagle Plains	69.46 335	P	P	13 04 49.2	+0.2
U33K	Whale Pass	69.85 323	P	P	13 04 52.2	+0.7
N31M	Braeburn, Yuko	70.06 329	P	P	13 04 53.1	+0.3
M30M	Minto, Yukon	70.29 331	P	P	13 04 53.8	-0.3
I29M	Ogilvie Camp,	70.31 334	P	P	13 04 54.0	-0.3
K29M	Barlow Dome	70.33 332	P	P	13 04 54.4	-0.1
O30N	Mendenhall	70.37 329	P	P	13 04 55.3	+0.7
N30M	Aishkik Lake	70.68 329	P	P	13 04 56.6	0.0
L29M	L29M	70.77 331	P	P	13 04 56.6	-0.5
E27K	Coleen River	70.89 337	P	P	13 04 57.9	+0.2
HYT	Haines Junction	71.03 329	P	P	13 04 59.2	+0.4
M29M	Somme Creek	71.08 331	P	P	13 04 59.3	+0.2
DAWY	Dawson	71.08 332	P	I Amb	13 04 59.0	0.0
DAWY	Dawson	71.08 332	P	P	13 04 58.5	-0.5
C27K	Jago River	71.23 339	P	P	13 05 00.4	+0.7
G27K	Doyon Strip	71.28 335	P	P	13 05 00.0	-0.1
H27K	Steamboat Moun	71.38 335	P	P	13 05 00.4	-0.3
YUK6	Outpost Mounta	71.41 329	P	P	13 05 01.1	-0.2
YUK4	Talbot Arm	71.44 330	P	P	13 05 00.4	-1.0
C26K	Camden Bay	71.55 339	P	P	13 05 01.8	+0.3
I27K	Kandik River	71.59 334	P	P	13 05 02.0	0.0
EGAK	Eagle	71.63 333	P	P	13 05 02.5	+0.3
F26K	Sheenjek River	71.95 337	P	P	13 05 04.6	+0.5
G26K	Porcupine Rive	72.04 336	P	P	13 05 05.3	+0.7
YUK3	Moose Creek	72.16 330	P	P	13 05 06.0	+0.3
BVCY	Beaver Creek	72.16 331	P	P	13 05 05.0	-0.5
BMAR	Burnt Mountain	72.19 336	P	P	13 05 05.9	+0.4
D25K	Kavik River	72.22 339	P	P	13 05 05.1	-0.6
K27K	Chicken	72.23 333	P	P	13 05 04.9	-0.9
I26K	Coal Creek Min	72.29 334	P	P	13 05 06.2	+0.1
O28M	Mount Upton	72.31 329	P	P	13 05 06.6	-0.1
E25K	Arctic Village	72.33 337	P	P	13 05 06.9	+0.5
BOAR	Beaver Creek A	72.38 332	P	P	13 05 06.9	+0.1
L27K	Beaver Creek,	72.40 332	P	P	13 05 07.2	+0.3
KIV	Kislovodsk	72.51 49	eP	pmax	13 05 10.3	+2.3
KIV						
F25K	Christian River	72.53 337	P	P	13 05 07.7	+0.1
PINM	Pinnacle	72.54 328	P	P	13 05 06.2	-1.6
KIRV	Kirov	72.54 33	iP	P	13 05 07.7	0.0
SHA1	Shidzhatmaz	72.55 49	iP	P	13 05 09.5	+1.1
M27K	Edge Creek, AK	72.63 331	P	P	13 05 09.0	+0.5
M27K	Edge Creek, AK	72.63 331	P	P	13 05 08.6	+0.2
J26L	Joseph Creek	72.70 333	P	P	13 05 08.2	-0.5
KBZ	Khabaz	72.72 49	P	P	13 05 08.4	-0.7
CTG	Chitna Glacier	72.80 329	P	P	13 05 09.0	-0.4
C24K	Franklin Bluff	72.85 339	P	P	13 05 08.8	-0.5
G25K	Bearman Lake	72.97 336	P	P	13 05 10.4	+0.2
SCRK	Sand Creek	73.04 333	P	P	13 05 10.9	+0.1
D24K	Happy Valley	73.10 339	P	P	13 05 11.7	+0.8
M26K	Nabesna, AK	73.11 331	P	P	13 05 11.0	-0.2
PRP	Porcupine Dome	73.17 335	P	P	13 05 11.7	+0.2
F24K	Squaw Lake	73.36 337	P	P	13 05 13.3	+0.8
E24K	Your Creek	73.38 338	P	P	13 05 13.1	+0.5
MCARA	McCarthy VSAT	73.45 330	P	P	13 05 13.4	+0.3
G24K	Hadweenic Rivl	73.50 336	P	P	13 05 13.7	+0.4
GURO	Guroymak-BITLI	73.56 55	P	I Amb	13 05 14.9	+0.5
E23K	Chandalar	73.78 338	P	P	13 05 14.9	-0.2
D23K	Nanushuk River	73.79 339	P	P	13 05 15.5	+0.5
K24K	Donnelly Dome	73.85 333	P	P	13 05 15.0	-0.5
IL31	IL31	73.96 334	P	I Amb	13 05 16.5	+0.5
ILAR	Eielson Array	73.96 334	P	P	13 05 16.6	+0.6
ILAR	Eielson Array	73.96 334	P	P	13 05 16.5	+0.4
H24K	Noodor Dome	73.97 335	P	P	13 05 16.5	+0.4
H24K	Noodor Dome	73.97 335	P	P	13 05 16.8	+0.7
PAXK	Paxson	74.01 332	P	P	13 05 16.6	+0.1
POKR	Poker Plat Res	74.06 335	P	P	13 05 17.4	+0.8
HARP	HAARP	74.07 332	P	P	13 05 16.9	+0.2
N25K	Chitina, Valde	74.09 331	P	P	13 05 17.3	+0.4
HDA	Harding Lake	74.12 334	P	P	13 05 17.2	+0.3
COLD	Coldfoot	74.30 337	P	P	13 05 18.7	+0.8
COLA	College	74.31 334	P	I Amb	13 05 18.0	0.0
COLA	College	74.31 334	iP	P	13 05 18.5	+0.5
COLA	College	74.31 334	P	pmax	13 05 18.0	0.0
TCOL	CIGO, UAF Yank	74.32 334	P	I Amb	13 05 18.3	+0.3
TCOL	CIGO, UAF Yank	74.32 334	P	I Amb	13 05 28.0	
TCOL	CIGO, UAF Yank	74.32 334	P	P	13 05 17.9	-0.2
CCB	Clear Creek Bu	74.38 334	P	I Amb	13 05 19.0	+0.6
G23K	Bananza Creek	74.44 337	P	P	13 05 19.5	+0.7

E22K	Anaktuvuk Pass	74.50 338	P	P	13 05 19.5	+0.3
WRH	Wood River Hil	74.56 334	P	I Amb	13 05 19.5	0.0
H23K	Yukon River	74.61 336	P	I Amb	13 05 20.1	+0.3
H23K	Yukon River	74.61 336	P	P	13 05 20.5	+0.7
M24K	Tolsona, Glenn	74.61 331	P	P	13 05 20.6	+0.6
KLU	Klutina	74.72 331	P	P	13 05 20.5	-0.1
I23K	Minto, Yukon-K	74.80 335	P	P	13 05 21.5	+0.6
F22K	John River	74.89 338	P	P	13 05 22.1	+0.7
NEA2	Nenana	74.90 334	P	P	13 05 22.1	+0.6
GNI	Garni	75.08 52	eP	pmax	13 05 25.0	+1.8
MCK	McKinley	75.18 333	P	P	13 05 23.7	+0.5
SCM	Sheep Creek Mo	75.22 331	P	P	13 05 23.5	0.0
H22K	Ishlatlina Cre	75.27 336	P	P	13 05 24.1	+0.5
MLY	Manley	75.38 335	P	P	13 05 25.1	+0.8
M23K	Glacier View	75.41 331	P	P	13 05 25.8	+1.2
F21K	Alatina River	75.47 338	P	P	13 05 24.7	-0.1
SML	Sawmill	75.67 332	P	P	13 05 25.5	-0.5
G21K	Allakaket	75.79 337	P	P	13 05 27.6	+1.1
I21K	Tanana	75.80 335	P	P	13 05 27.3	+0.6
TRF	Theofore Moun	75.85 333	P	P	13 05 27.4	+0.2
BPAW	Bear Paw Mtn.	75.86 334	P	P	13 05 27.3	+0.2
KNK	Knit Glacier	75.88 331	P	P	13 05 27.2	0.0
H21K	Melozitna Rive	75.91 336	P	P	13 05 27.9	+0.6
PWL	Port Wells	76.04 331	P	P	13 05 27.8	-0.4
PMR	Palmer	76.11 331	P	P	13 05 28.6	+0.2
IMAR	Indian Mountai	76.11 336	P	P	13 05 29.7	+1.2
MAK	Makhachikala	76.16 49	eP	P	13 05 27.1	-2.0
MAK			eS	S	13 15 10.6	-2.0
MAK			eSSS	SSS	13 23 26.2	
CUT	Chulitna	76.27 332	P	P	13 05 29.8	+0.5
M22K	Willow	76.47 332	P	P	13 05 31.1	+0.6
CHUM	Lake Minchumin	76.49 334	P	P	13 05 30.6	0.0
RC01	Rabbit Creek A	76.58 331	P	P	13 05 31.7	+0.6
O22K	Cooper Landing	76.82 331	P	P	13 05 31.6	-0.9
PPLA	Purkeypile	76.87 333	P	P	13 05 33.2	+0.5
SUA	Susitna One	76.87 332	P	P	13 05 33.5	+0.5
SKT	Skwentna	76.99 332	P	P	13 05 33.8	+0.3
MBAR	Mbarara	77.16 96	P	P	13 05 36.4	+1.0
CAPN	Captain Cook N	77.34 331	P	P	13 05 35.6	+0.1
K20K	Telida	77.42 334	P	P	13 05 36.3	+0.4
BRSE	Bradley Lake S	77.59 330	P	P	13 05 37.2	+0.3
M20K	Styx River	77.71 333	P	I Amb	13 05 37.7	+0.2
M20K	Styx River	77.71 333	P	P	13 05 37.8	+0.2
L20K	Forewell, AK	77.75 333	P	P	13 05 37.7	-0.1
GCSA	Galena City Sc	77.85 336	P	P	13 05 38.2	+0.1
ARU	Arti	77.91 34	iP	P	13 05 39.2	+0.5
HOM	Home	78.04 330	P	P	13 05 40.5	+1.1
RDOG	Red Dog Mine	78.18 340	P	P	13 05 40.6	+0.6
M19K	Big River Lodg	78.23 333	P	P	13 05 40.8	+0.4
L19K	White Mountain	78.29 333	P	P	13 05 41.2	+0.4
O20K	Slope Mountain	78.30 331	P	P	13 05 40.9	0.0
TTA	Tatalina	78.40 334	P	P	13 05 41.0	-0.5
N19K	Bonanza Creek	78.78 332	P	P	13 05 43.6	+0.1
Q20K	Shuyak Island	78.86 329	P	P	13 05 43.8	0.0
O19K	Port Alsworth	79.00 331	P	P	13 05 44.6	0.0
Q19K	Capo Douglas,	79.29 330	P	P	13 05 45.8	-0.6
OHAK	Old Harbor	79.92 328	P	P	13 05 48.9	-0.7
Q18K	Katmai Hardscr	80.05 330	P	P	13 05 51.0	+0.5
Q17K	Contact Creek	80.64 330	P	P	13 05 54.1	+0.3
N16K	Nishlik Lake	80.78 333	P	P	13 05 55.7	+1.4
Q16K	King Salmon	80.78 331	P	P	13 05 54.8	+0.5
O16K	Kokwok River B	80.95 332	P	P	13 05 55.6	+0.4
ANMK	Noma	81.02 338	P	P	13 05 55.9	+0.4
TNA	Tin City	81.26 339	P	P	13 05 57.4	+0.7
RAYN	Ar Rayn	81.39 68	P	P	13 05 59.1	+0.8
RAYN	Ar Rayn	81.39 68	P	pmax	13 05 59.1	+0.8
ABKAR	Akbulak array	81.73 40	P	P	13 06 00.1	+0.5
R16K	Pilot Point	81.77 330	P	P	13 05 60.0	+0.4
LBTB	Lobatse	83.65 121	LR	LR	13 37 44.7	
SUTR	Sutherland	83.81 129	LR	LR	13 37 08.0	
SDPT	Sand Point	84.32 329	P	P	13 06 11.8	-1.0
TIXI	Tiksi	85.07 2	iP	pmax	13 06 16.7	+0.4
BOSA	Boshof	85.15 124	LR	LR	13 37 52.4	
BRVK	Borovoye	85.48 33	P	I Amb	13 06 18.9	+0.2
BRVK	Borovoye	85.48 33	eP	pmax	13 06 19.2	+0.5
BRVK	Borovoye	85.48 33	eP	pmax	13 06 20.2	+1.1
EVAR			LR	LR	13 42 16.3	
BILL	Blizbino	85.92 349	eP	P	13 06 21.1	+0.5

BILL			e			13 06 23.8
BILL			iSSS	SSS		13 06 26.1
BILL			MLR	MLR		13 26 08.6
UNV	Unalakava Valle	88.04 330	P	P	13 06 28.6	-2.6
NIKH	Nikolski High	89.69 330	P	P	13 06 36.5	-2.4
KURK	Kurchatov	91.02 32	eP	P	13 06 45.1	-0.1
KURK	Kurchatov	91.02 32	eP	pmax	13 06 45.4	+0.2
KURBB	Kurchatov Arra	91.04 32	P	P	13 06 45.7	+0.4
ZALV	Zalesovo Beam	91.63 27	P	P	13 06 48.3	+0.3
ZALV	Zalesovo Beam	91.63 27	P	P	13 46 29.4	
ZALV	Zalesovo Beam	91.63 27	P	P	13 06 47.5	-0.5
ZALV	Zalesovo Beam	91.63 27	P	pmax	13 06 49.0	+1.0
WSAR	Wadi Sarin	92.50 63	LR	LR	13 50 59.3	
AAK	Ala-Archa	93.82 40	LR	LR	13 47 23.4	
YAK	Yakutsk	94.72 3	LR	LR	13 44 52.7	
MK31	Makanchi Array	95.44 33	iP	P	13 07 05.3	-0.4
MKAR	Makanchi Array	95.44 33	P	P	13 07 06.0	+0.3
MKAR			LR	LR	13 48 02.5	
MKAR			P	P	13 07 06.0	+0.3
MKAR			P	P	13 07 11.3	0.0
SHEM	Shemya Is, Ala	96.86 337	LR	LR	13 50 46.6	
WMQ	Urumqi	100.24 33	eP	Pdf	13	

Table with columns for station name, frequency, power, and other technical details. Includes stations like JHS Saijyo, ENH Enshu, INU Inuyama, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSA Lhasa, BNX BinXian, BNX Gaotai, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK Yantian, YAK Tian-Shan, YAK Medeo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like AC04, AC05, VA06, GO03, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like H1S1, ZALV, MKAR, WEL, TRWZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like GTOI, LUWI, MRSI, FAKI, WRA, ASAR, etc.

11d 17h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CNGZ Carnagh Station, TKGZ Te Karaka, MWZ Matawai, etc.

2017 MAR

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TBI Tubuai, NTLH Newcastle Hard, ARMA Armidale, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WHYH Whyalla, RKT Rikitea, RKT Rikitea, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI Prapat, VES Vestal, EDW2 Edwards Air Fo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PAHR Pah Rah Range, LOAD Klamath Falls, TYV Tyrovoske, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BNX comp=N,280nm,20.6s, 121A Cookes Peak, P17K Kvichach River, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and various status indicators. Includes stations like RSSD Black Hills, E22K Anaktuvuk Pass, F24K Squaw Lake, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and various status indicators. Includes stations like KURBB Kurty, KUU Kurty, KUU Tokmak 2, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and various status indicators. Includes stations like STEI Steigen, FAUS Fauske, KONS Konsvik, etc.

Table with columns: Station, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like DL2, JMM, SSSLB, etc.

Table with columns: Station, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like GZH, XLT, YUK, etc.

Table with columns: Station, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like CD2, Chengdu, Bislig, etc.

WATI	Susitna Watana baz=278	58.91	32	P	P	18 58 25.1	+0.4	VRDI	Verde Repeater comp=Z,95nm,1.2s	61.56	33	I	Amb	I	18 58 44.9	BANOM	Banah	64.22	286	P	P	18 59 02.7	+1.8		
TCOL	CIGO, UAF Yank comp=Z,26nm,0.9s	58.94	30	I	Amb	18 58 28.0		MCARA	McCarthy VSAT	61.73	33	P	P	P	18 58 43.8	0.0	M30M	Minto, Yukon	64.24	31	P	P	18 59 06.0	+0.2	
TCOL	CIGO, UAF Yank baz=277	58.94	30	P	P	18 58 25.7	+0.9	MCARA	comp=Z,128nm,1.3s	61.73	33	P	I	Amb	18 58 46.2		M30M	Minto, Yukon baz=288,SNR=19	64.24	31	P	P	18 59 02.1	+1.7	
COLA	College	58.95	30	P	P	18 58 25.1	+0.3	MCARA	McCarthy VSAT baz=283,SNR=32	61.73	33	P	P	P	18 58 45.1	+1.2	SHME	Shamm SNR=20	64.30	286	i	P	18 59 03.2	+1.9	
COLA	comp=Z,24nm,0.9s	58.95	30	I	Amb	18 58 28.0		EGAK	Eagle comp=Z,25nm,0.8s	61.78	29	I	Amb	I	18 58 45.7		SHME	Shamm SNR=12	64.30	286	P	P	18 59 03.7	+2.3	
COLA	College	58.95	30	P	P	18 58 26.4	+1.6	EGAK	Eagle baz=283,SNR=15	61.78	29	P	P	P	18 58 44.6	+0.5	MAYO	Mayo, Yukon comp=Z,53nm,0.8s	64.32	30	I	Amb	I	18 59 03.3	
COLA	comp=Z,32nm,1.1s	58.95	30	i	P	18 58 25.4	+0.6	BELG	Belogomoye comp=Z,108nm,19.3s	61.88	316	LR	LR	18 58 44.6	+0.5	MAYO	Mayo, Yukon	64.32	30	P	P	18 59 02.2	+1.3		
COLA	College baz=277	58.95	30	P	P	18 58 25.5	+0.6	BELG	Belogomoye baz=198,slow=39	61.88	316	i	P	P	18 58 44.7	-0.2	HOQ	Hogain SNR=11	64.32	283	P	P	18 59 03.4	+1.8	
COLA	comp=Z,26nm,1.0s	58.95	30	P	P	18 58 25.8	+1.0	BELG	comp=Z,83nm,1.1s	61.88	316	i	P	P	18 58 44.7	-0.2	HOQ	SNR=11	64.32	283	P	P	18 59 03.4	+1.8	
CCB	Clear Creek Bu	58.99	30	P	P	18 58 24.9	-0.3	L27K	Beaver Creek comp=Z,79nm,1.1s	61.88	31	I	Amb	I	18 58 47.5		APA	Apacity	64.33	335	i	P	18 58 59.1	-1.8	
CCB	comp=Z,26nm,1.0s	58.99	30	I	Amb	18 58 28.4		L27K	Beaver Creek baz=283,SNR=68	61.88	31	I	Amb	I	18 58 46.4	+1.5	APA	comp=Z,10.0nm,0.9s	64.33	335	i	P	18 59 02.0	+2.4	
D25K	Kavik River baz=276	59.01	24	P	P	18 58 25.5	+0.2	L27K	Beaver Creek baz=283,SNR=68	61.88	31	I	Amb	I	18 58 47.5		APA	comp=Z,10.0nm,0.9s	64.33	335	i	P	18 59 02.0	+2.4	
POKR	Poker Plat Res baz=277,SNR=48	59.09	29	P	P	18 58 27.1	+1.2	TGL	Tana Glacier comp=Z,71nm,0.9s	61.88	31	I	Amb	I	18 58 46.4	+1.5	ARMA	Armidade SNR=11	64.33	160	P	P	18 59 01.6	+0.2	
KNK	Knik Glacier baz=279,SNR=51	59.16	33	I	Amb	18 58 27.2	+0.8	M27K	Edge Creek, AK comp=Z,67nm,0.9s	62.03	32	P	P	P	18 58 48.2		ARMA	Armidade comp=Z,19nm,1.3s	64.33	160	P	P	18 59 03.9	+2.5	
SML	Sawmill comp=Z,89nm,1.1s	59.16	33	I	Amb	18 58 28.2		M27K	Edge Creek, AK baz=284	62.03	32	P	P	P	18 58 47.1	+1.1	ARMA	Aishikik Lake baz=288	64.45	32	P	P	18 59 03.5	+1.6	
SML	Sawmill baz=279,SNR=24	59.16	33	P	P	18 58 26.8	+0.4	KAAM	Kaadhehoo SNR=18	62.15	252	P	P	P	18 58 49.2	+1.9	HYT	Haines Junctio comp=Z,64nm,1.1s	64.46	33	I	Amb	I	18 59 04.8	
INKA	Innaminka	59.24	169	P	P	18 58 29.7	+2.4	AULRC	Lightning Ridg SNR=18	62.38	163	P	P	P	18 58 50.8	+2.3	HYT	Haines Junctio baz=288,SNR=25	64.46	33	P	P	18 59 03.1	+1.0	
PWL	Port Wells	59.30	34	P	P	18 58 27.2	-0.2	BARN	Barnard Glacie	62.45	33	I	Amb	I	18 58 49.3	+0.4	MDH	Madha SNR=8.6	64.47	285	P	P	18 59 03.4	+0.9	
PWL	Port Wells	59.30	34	P	P	18 58 27.9	+0.4	LIFNC	Lifou comp=Z,36nm,0.8s	62.47	141	P	P	P	18 58 50.9		MSFE	Esma-Masafi SNR=8.6	64.56	285	i	P	18 59 04.6	+1.4	
IL31	IL31	59.37	30	I	Amb	18 58 30.5		LIFNC	Lifou	62.47	141	P	P	P	18 58 49.9	+1.1	SPA0	Spitsbergen Ar SNR=11	64.57	348	e	P	18 59 02.4	0.0	
ILAR	Elision Array comp=Z,16nm,0.8s	59.37	30	P	P	18 58 27.4	-0.3	BVCY	Beaver Creek baz=264,SNR=10	62.47	32	P	P	P	18 58 51.2	+1.2	SPA0	comp=Z,312nm,1.1s	64.57	348	P	P	18 59 03.1		
ILAR	comp=Z,2.1nm,0.7s,baz=281,slow=5.5,SNR=110	59.37	30	P	P	18 59 02.0	-0.1	CTG	Chitina Creek baz=285,SNR=26	62.62	33	P	P	P	18 58 51.2	+1.2	SPITS	Spitsbergen Ar	64.57	348	P	P	18 59 02.1	-0.2	
ILAR	comp=Z,1.0nm,1.0s,baz=184,slow=1.3,SNR=6.1	59.37	30	P	P	19 28 00.5	+1.6	CTGM	Chitina Glacie comp=Z,61nm,1.0s	62.62	33	I	Amb	I	18 58 52.1		UOSS	Minazif comp=Z,273nm,1.1s	64.69	285	P	P	18 59 04.4	+0.4	
ILAR	comp=Z,1.6nm,0.8s	59.37	30	P	P	18 58 27.0	-0.8	BLDU	Ballid comp=Z,31nm,0.9s	62.63	193	P	P	P	18 58 51.6	+1.4	UOSS	comp=Z,54nm,1.4s	64.69	285	P	P	18 59 07.2		
HDA	Harding Lake	59.39	30	I	Amb	18 58 29.0		DAWY	Dawson	62.70	30	I	Amb	I	18 58 52.2		UOSS	Minazif SNR=5.4	64.69	285	i	P	18 59 04.8	+0.8	
HDA	Harding Lake	59.39	30	P	P	18 58 27.7	-0.2	DAWY	Dawson baz=285,SNR=32	62.70	30	P	P	P	18 58 51.1	+0.8	UOSS	Minazif SNR=5.4	64.69	285	P	P	18 59 04.9	+1.0	
G25K	Bearman Lake baz=278	59.41	27	P	P	18 58 29.7	+1.7	I29M	Ogilvie Camp comp=Z,51nm,0.9s	62.81	28	I	Amb	I	18 58 53.2		UOSS	Minazif SNR=5.4	64.69	285	P	P	18 59 04.4	+0.4	
E25K	Arctic Village baz=278,SNR=35	59.44	26	P	P	18 58 29.8	+1.5	I29M	Ogilvie Camp baz=285,SNR=30	62.81	28	P	P	P	18 58 51.8	+0.8	UOSS	Minazif SNR=5.4	64.69	285	P	P	18 59 05.4	+1.1	
M23K	Glacier View baz=279,SNR=25	59.44	33	P	P	18 58 28.9	+0.6	YUK3	Moose Creek baz=285,SNR=34	62.82	32	P	P	P	18 58 52.4	+1.0	SOHO	SOHO SNR=32	64.74	284	P	P	18 59 05.5	+1.1	
EIDS	Eidsvold	59.45	158	P	P	18 58 28.1	-0.7	JASK	Jask - Hormozg SNR=16	62.94	285	P	P	P	18 58 54.4	+1.9	BSY	Bisya SNR=16	64.76	282	P	P	18 59 05.7	+1.2	
EIDS	Eidsvold	59.45	158	P	P	18 59 01.6	-1.4	NOUC	Port Laguerre comp=Z,29nm,1.3s	63.05	142	P	P	P	18 58 55.4	+2.3	NWAO	Narrogin (SRO) SNR=11	64.78	192	P	P	18 59 03.3	-0.9	
EIDS	Eidsvold	59.45	158	P	P	18 58 29.8	+1.0	NOUC	Port Laguerre	63.05	142	P	P	P	18 58 54.5	+1.4	NWAO	comp=Z,53nm,1.1s	64.78	192	I	Amb	I	18 59 05.6	
C26K	Camden Bay baz=277	59.45	24	P	P	18 58 29.8	+1.5	J29M	Klondike Camp baz=286	63.09	29	P	P	P	18 59 29.2	-0.3	NWAO	Narrogin (SRO) comp=Z,172nm,1.1s	64.78	192	I	Amb	I	18 59 05.5	
F25K	Christian River baz=278	59.48	26	P	P	18 58 30.3	+1.7	DZM	Mont Dzumac comp=Z,79nm,1.1s	63.10	142	e	P	P	18 58 53.5	0.0	NWAO	Narrogin (SRO) SNR=11	64.78	192	P	P	18 59 04.9	+0.7	
KIRV	Kirvo	59.52	323	e	P	18 58 29.1	+0.2	DZM	comp=Z,81nm,1.2s	63.10	142	e	P	P	18 59 27.8	-0.5	NWAO	Narrogin (SRO) SNR=11	64.78	192	P	P	18 59 03.3	-0.9	
SCM	Sheep Creek Mo baz=280,SNR=41	59.62	33	P	P	18 58 30.5	+0.9	DZM	comp=Z,261nm,24.4s	63.10	142	e	LR	18 59 13.6	+0.5	NWAO	Narrogin (SRO) SNR=11	64.78	192	P	P	18 59 04.6	+0.4		
FYU	Fort Yukon	59.78	27	P	P	18 58 31.1	+0.5	DZM	Mont Dzumac comp=Z,329nm,39.9s	63.10	142	e	LR	19 17 55.8		HATD	Hatta, Dubai SNR=11	64.80	285	i	P	18 59 06.2	+1.5		
FYU	Fort Yukon	59.78	27	I	Amb	18 58 33.6		DZM	Mont Dzumac comp=Z,105nm,20.9s	63.10	142	LR	LR	19 22 37.6		HATD	Hatta, Dubai SNR=10	64.80	285	i	P	18 59 06.1	+1.8		
RMQ	Roma	59.80	161	P	P	18 58 33.4	+2.2	DZM	Mont Dzumac comp=Z,40nm,1.1s	63.10	142	I	Amb	18 58 53.8	+0.2	VADS	Vadso comp=Z,194nm,1.1s	64.82	338	e	P	18 59 04.1	+0.1		
PRP	Porcupine Dome comp=Z,93nm,0.9s	59.83	29	I	Amb	18 58 32.1	+1.0	DZM	Mont Dzumac SNR=13	63.10	142	P	P	18 58 56.3		VADS	comp=Z,194nm,1.1s	64.82	338	e	P	18 59 04.5			
PRP	Porcupine Dome baz=279,SNR=50	59.83	29	P	P	18 58 32.1	+1.0	DZM	Mont Dzumac SNR=13	63.10	142	P	P	18 59 26.6	-1.6	MHTO	MHTO SNR=23	64.85	280	P	P	18 59 06.0	+1.0		
P23K	Montague Islan baz=260,SNR=15	59.90	35	P	P	18 58 32.7	+1.2	DZM	Mont Dzumac SNR=13	63.10	142	P	P	18 59 25.6	+2.1	UMQ	Umm Al-Quwin	64.90	286	P	P	18 59 06.6	+1.3		
C27K	Jago River baz=278	59.91	24	P	P	18 58 32.4	+1.0	DZM	Mont Dzumac SNR=13	63.10	142	P	P	18 59 28.3	0.0	ASHO	Ashtiyah SNR=20	64.92	285	i	P	18 59 06.5	+1.0		
K24K	Donnelly Dome baz=280,SNR=20	59.99	31	P	P	18 58 32.4	+1.0	JLN	Jalan Bani Buh SNR=13	63.16	27	I	Amb	I	18 58 55.2	+1.3	ASHO	Ashtiyah SNR=12	64.92	285	P	P	18 59 06.9	+1.4	
F26K	Sheep Creek River baz=278	60.03	26	P	P	18 58 33.9	+1.5	EPYK	Eagle Plains comp=Z,110nm,1.0s	63.16	27	I	Amb	I	18 58 55.2		KBS	Kingsbay SNR=12	64.93	349	P	P	18 59 04.2	-0.4	
M24K	Tolsona, Glenn comp=Z,87nm,1.1s	60.11	33	I	Amb	18 58 35.5		EPYK	Eagle Plains baz=286,SNR=53	63.16	27	P	P	P	18 58 54.1	+0.8	KBS	Kingsbay	64.93	349	e	P	18 59 04.4	-0.2	
M24K	Tolsona, Glenn baz=280,SNR=20	60.11	33	P	P	18 58 34.2	+1.2	G30M	toAh Zraii Nji	63.18	26	P	P	P	18 58 54.0	+0.5	KBS	Kingsbay	64.93	349	i	P	18 59 04.5	-0.2	
PAX	Paxson	60.28	32	P	P	18 58 34.3	+0.1	O28M	Mount Upton baz=286	63.21	33	P	P	P	18 58 55.2	+1.1	KBS	Kingsbay	64.93	349	e	P	18 59 04.9	+0.3	
PAX	comp=Z,43nm,1.0s	60.28	32	I	Amb	18 58 36.0		YUK8	Steele Glacier baz=286,SNR=16	63.27	33	P	P	P	18 58 55.3	+0.9	KBS	Kingsbay	64.93	349	i	P	18 59 05.5		
PAX	comp=Z,43nm,1.0s	60.28	32	P	P	18 58 34.3	+0.1	YATNC	Miamie plateau SNR=12	63.33	142	P	P	P	18 58 57.9	+3.0	KBS	Kingsbay	64.93	349	i	P	18 59 04.2	-0.4	
PAX	comp=Z,43nm,1.0s	60.28	32	P	P	18 58 34.3	+0.1	W3BK	Wadi Bani Khal SNR=12	63.33	142	P	P	P	18 58 56.8	+1.6	P30M	Million Dollar baz=289	64.94	34	P	P	18 59 06.6	+1.6	
PAX	comp=Z,43nm,1.0s	60.28	32	P	P	18 58 34.8	+0.7	WSAR	Wadi Sarin comp=Z,44nm,0.8s,baz=106,slow=6.4,SNR=27	63.36	282	P	P	P	18 58 55.5	+0.2	N31M	Braeburn, Yuko comp=Z,66nm,1.0s	65.04	32	I	Amb	I	18 59 08.4	
G26K	Porcupine River baz=280	60.29	27	P	P	18 58 35.9	+1.9	WSAR	Wadi Sarin comp=Z,44nm,0.8s	63.36	282	P	P	P	18 58 55.5	+0.2	N31M	Braeburn, Yuko baz=289,SNR=19	65						

11d 18h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like 531K Pelican, ARAO ARCESS Array S, ARCES ARCESS Array B, etc.

2017 MAR

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like CAN Canberra, ARO Mount Arapiles, U33K Whale Pass, etc.

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like YKA Yellowknife Ar, PABE Paberze, MILM Milestii Mici, etc.

GKP	Gorka Klasztor	78.05 326	eP	P	19 00 23.8 +0.2
GKP	Gorka Klasztor	78.05 326	eP	P	19 00 24.4 +0.8
CSS	Mathias	78.12 304	P	P	19 00 23.3 -1.1
CSS			IAmb	IAmb	19 00 25.7
SUE	comp=Z,118nm,0.9s				
SUE	Sulen	78.20 336	eP	P	19 00 24.8 +0.5
STHS	Stebnicka Huta	78.21 321	eP	P	19 00 24.6 -0.1
STHS			pmax	pmax	
STHS	comp=Z,114nm,1.3s				
STHS	Stebnicka Huta	78.21 321	eP	P	19 00 24.6 -0.1
TRPA	Tarpa	78.22 319	eP	P	19 00 25.3 +0.7
VOIR		78.22 316	eP	P	19 00 24.9 0.0
VOIR		78.22 316	eP	P	19 00 24.9 0.0
VOIR		78.24 317	eP	P	19 00 26.4 +1.5
MDB	Medias	78.24 317	eP	P	19 00 26.3 +1.5
SGRR	Singureni	78.31 315	eP	P	19 00 23.4 +0.2
RAZG	Razgrad	78.33 314	eP	P	19 00 26.1 0.0
ODD1	Odda	78.33 335	eP	P	19 00 25.5 +0.4
ODD1			IAmb	IAmb	19 00 26.4
CJR	comp=Z,55nm,1.1s				
CJR	Cluj-Napoca	78.39 318	eP	P	19 00 26.7 +1.0
CJR	Cluj-Napoca	78.39 318	eP	P	19 00 26.7 +1.0
BER	Bergen	78.47 335	eP	P	19 00 26.4 +0.6
ARR	Arges	78.51 316	eP	P	19 00 27.5 +1.1
MESR	Mesesen	78.52 318	eP	P	19 00 28.0 +1.7
OJC	Ojcov	78.53 322	eP	P	19 00 27.1 +0.8
ISP	Isparia	78.67 307	IAmb	IAmb	19 00 28.3
OVD	comp=Z,133nm,1.0s				
OVD	Ostervraa, Den	78.68 331	iP	P	19 00 26.4 -0.6
MARR	Marisel-Cluj	78.69 318	eP	P	19 00 27.9 +0.5
NIE	Niedzica	78.72 321	eP	P	19 00 29.3 +1.8
ELSE	Elaszo	78.73 334	eP	P	19 00 27.1 +0.2
HOMB	Homborsund	78.73 333	eP	P	19 00 26.5 -0.7
HOMB			IAmb	IAmb	19 00 27.4
HUMR	Humele	78.75 315	eP	P	19 00 27.4 -0.3
CPA	Cupeanca	78.76 315	eP	P	19 00 28.5 +0.3
SZH	Szatmar	78.84 316	eP	P	19 00 28.5 +0.3
DRGR		78.86 318	eP	P	19 00 29.0 +0.7
DRGR		78.86 318	eP	P	19 00 29.0 +0.7
JMB	Yambol	78.86 313	eP	P	19 00 29.1 +0.8
LOT	Lotru	78.98 317	eP	P	19 00 29.7 +0.6
EDBR	Edirne	79.08 312	eP	P	19 00 30.1 +0.6
LLD	Lille Linde	79.11 329	iP	P	19 00 29.7 +0.4
RGH	Rugen	79.11 328	eP	P	19 00 30.0 +0.7
KECS	comp=Z,238nm,1.1s,baz=48,slow=5.1				
KECS	Kecovo	79.15 320	eP	P	19 00 30.6 +0.8
KECS			pmax	pmax	
KECS	comp=Z,61nm,1.1s				
KECS	Kecovo	79.15 320	eP	P	19 00 30.6 +0.8
SNART	Snartemo	79.19 333	eP	P	19 00 30.1 +0.4
SNART			IAmb	IAmb	19 00 30.4
BORR	Bors	79.22 319	eP	P	19 00 31.4 +1.3
DEV	Deva	79.25 317	eP	P	19 00 31.3 +1.0
DEV	Deva	79.25 317	eP	P	19 00 31.3 +1.0
GOET	G??ttrup	79.27 332	iP	P	19 00 30.1 -0.1
LANS	Liptovska Anna	79.32 321	eP	P	19 00 32.2 +1.5
LANS			pmax	pmax	
LANS	comp=Z,74nm,1.4s				
LANS	Liptovska Anna	79.32 321	eP	P	19 00 32.2 +1.5
VLAD	Vladia	79.39 315	eP	P	19 00 31.4 +0.3
BOGA	Boville Reser	79.44 40	P	P	19 00 31.7 +0.2
BOGA			pP	pP	19 00 35.4
MSEY	Coline	79.54 258	P	P	19 00 31.9 -0.6
MSEY			IAmb	IAmb	19 00 34.6
MSEY	comp=Z,97nm,1.1s				
MSEY	Mahe Island	79.54 258	P	P	19 00 31.9 -0.6
MSEY			pmax	pmax	
MSEY	comp=Z,97nm,1.2s				
MSEY	Mahe Island	79.54 258	iP	P	19 00 32.7 +0.2
MSEY			SNR=16		
MSEY	Mahe Island	79.54 258	P	P	19 00 33.3 +0.9
KULA	Kula-Manisa	79.57 309	P	P	19 00 32.4 0.0
PLVB	Pleven	79.59 314	eP	P	19 00 32.6 +0.4
GZR	Gura Zlata	79.59 317	eP	P	19 00 33.2 +0.9
GZR	Gura Zlata	79.59 317	eP	P	19 00 33.2 +0.9
OKC	Ostrava-Krasne	79.62 322	eP	P	19 00 32.8 +0.5
OKC	Ostrava-Krasne	79.62 322	eP	P	19 00 32.8 +0.5
MAINT	Manisa	79.65 309	IAmb	IAmb	19 00 34.1
MUD	comp=Z,142nm,1.0s				
MUD	Monsted Ugrnd	79.67 331	iP	P	19 00 31.9 -0.5
DIM	Dimitrovgrad	79.74 313	eP	P	19 00 33.8 +0.7
STRE	Strehala	79.74 316	eP	P	19 00 34.1 +1.7
SRE	Strehala	79.74 316	eP	P	19 00 34.4 +1.4
SIRR	Siria	79.75 318	eP	P	19 00 33.7 +0.6
SURR	Surduc	79.77 317	eP	P	19 00 33.7 +0.5
PSZ	Piszkesteto	79.80 320	eP	P	19 00 34.3 +0.9
PSZ	Piszkesteto	79.80 320	eP	P	19 00 33.2 -0.1
PSZ			IAmb	IAmb	19 00 35.4
PSZ	comp=Z,160nm,1.2s				
PSZ	Piszkesteto	79.80 320	P	P	19 00 34.3 +0.9
ICESG	Greenland Ices	79.94 356	iP	P	19 00 34.4 +0.4
BSZH	Besenyasz	79.95 324	eP	P	19 00 35.8 +1.7
KMP	Kisaz	79.97 324	eP	P	19 00 34.0 +0.6
MORC	Moravsky Berou	79.97 323	eP	P	19 00 35.1 +0.9
MORC	Moravsky Berou	79.97 323	IAmb	IAmb	19 00 36.1
MORC	comp=Z,131nm,1.0s				
MORC	Moravsky Berou	79.97 323	iP	P	19 00 34.8 +0.6
MORC	Moravsky Berou	79.97 323	iP	P	19 00 35.1 +0.9
BAIL	Bailesti	80.01 316	eP	P	19 00 35.6 +1.1
KDZ	Kurdzhali	80.03 313	eP	P	19 00 35.6 +0.9
ALN	Alexandroupoli	80.03 312	P	P	19 00 34.7 0.0
ALN	Alexandroupoli	80.03 312	P	P	19 00 34.7 0.0
ALN			IAmb	IAmb	19 00 36.0
ALN	comp=Z,98nm,1.1s				
ALN	Alexandroupoli	80.03 312	P	P	19 00 34.7 0.0
ALN			pmax	pmax	
YVHS	comp=Z,98nm,1.1s				
YVHS	Yyhne	80.04 321	eP	P	19 00 35.5 +0.9
YVHS			pmax	pmax	
YVHS	comp=Z,191nm,1.2s				
YVHS	Ylhussat	80.04 321	eP	P	19 00 35.5 +0.9
YVHS			IAmb	IAmb	19 00 35.5
ILULI	Ilulissat	80.08 1	I Amb	I Amb	19 00 35.5
ILULI	comp=Z,61nm,1.2s				
ILULI	Ilulissat	80.08 1	iP	P	19 00 34.2 -0.2
HERR	Herculane	80.09 317	eP	P	19 00 35.1 +0.2
AKAS	Kas	80.11 306	I Amb	I Amb	19 00 35.5
PUNG	Pungtin	80.12 316	eP	P	19 00 35.4 +0.4
MPEP	Malo Peshtene	80.14 315	P	P	19 00 38.8 +3.6
BZS	Buzias	80.14 318	eP	P	19 00 35.2 0.0
BZS	Buzias	80.14 318	eP	P	19 00 35.2 0.0
DJES	Djerdap	80.15 316	eP	P	19 00 35.3 +0.1
DJES	Djerdap	80.15 316	eP	P	19 00 35.1 -0.1
OSTO	Ostias	80.19 324	eP	P	19 00 36.1 +0.8
OSTO	Ostias	80.19 324	eP	P	19 00 36.1 +0.8
KRLC	Kraliky	80.19 323	iP	P	19 00 35.8 +0.4
KRLC	Kraliky	80.19 323	iP	P	19 00 35.8 +0.4
RUE	Ruedersdorf	80.20 326	eP	P	19 00 35.6 +1.0
RUE	Ruedersdorf	80.20 326	eP	P	19 00 36.2 +0.3
RUE	comp=Z,338nm,1.1s,baz=48,slow=5.1				
RDO	Rodhopi	80.22 312	P	P	19 00 35.9 +0.2
RDO	Rodhopi	80.22 312	P	P	19 00 35.3 -0.4
RDO			I Amb	I Amb	19 00 37.1
PLD	Plodiv	80.23 313	P	P	19 00 36.3 +0.6
AMBH	Ambrzfalva	80.24 319	eP	P	19 00 37.0 +1.3
DPC	Dobruska-Polom	80.26 324	iP	P	19 00 36.8 +0.8
DPC	Dobruska-Polom	80.26 324	iP	P	19 00 36.8 +0.8
UPC	Ujice	80.32 367	eP	P	19 00 36.7 +0.7
PGB	Panagyurishte	80.32 314	P	P	19 00 36.7 +0.4
RZN	Rozen	80.45 313	P	P	19 00 37.7 +0.6
JAVC	Velka Javorina	80.45 322	iP	P	19 00 38.5 +1.7
GOGA	Carlson Farm	80.49 43	P	P	19 00 37.5 +0.4
GOGA			I Amb	I Amb	19 00 39.6
YER	Yerkesik	80.55 308	P	P	19 00 38.4 +0.8
MDVR	Moldovita	80.56 317	eP	P	19 00 37.6 +0.1
NEW	Newport	80.69 39	P	P	19 00 39.1 +0.9
NEW	comp=Z,7.0nm,0.6s,baz=308,slow=6.4,SNR=14				
NEW			pP	pP	19 01 14.3 -0.1
NEW	comp=Z,5.9nm,0.8s,baz=310,slow=9.5,SNR=3.8				
NEW	Newport	80.69 39	P	P	19 00 38.2 +0.1
NEW	Newport	80.69 39	P	P	19 00 39.1 +0.9
SRO	Srobárova	80.73 321	eP	P	19 00 39.1 +0.9
SRO			pmax	pmax	
SRO	comp=Z,7.4nm,0.9s				
SRO	Srobárova	80.73 321	eP	P	19 00 39.1 +0.9

VRAC	Vranov	80.75 323	iP	P	19 00 39.2 +0.9
VRAC	Vranov	80.75 323	iP	P	19 00 39.2 +0.9
VRAC	Vranov	80.75 323	iP	P	19 00 39.2 +0.9
PRK	Paraskevi	80.77 310	eP	P	19 00 38.8 +0.2
SMOL	Smolenice	80.79 322	eP	P	19 00 40.0 +1.4
BSEG	Bad Segeberg	80.86 329	eP	P	19 00 39.2 +0.4
BSEG	comp=Z,152nm,1.0s,baz=48,slow=5.1				
VTS	Vitosha	80.86 314	iP	I Amb	19 00 41.6 +2.3
VTS	Vitosha	80.86 314	iP	I Amb	19 00 43.0
VTS	comp=Z,100nm,1.0s				
VTS	Vitosha	80.86 314	P	P	19 00 41.5 +2.3
VTS	Vitosha	80.86 314	P	P	19 00 40.0 +0.8
LRW	Lerwick	80.86 338	eP	I Amb	19 00 38.1 -0.6
LRW			I Amb	I Amb	19 00 39.5
MODS	comp=Z,102nm,1.0s				
MODS	Modra-Piesok	80.95 322	eP	P	19 00 40.7 +1.2
MODS			pmax	pmax	
MODS	comp=Z,93nm,1.2s				
MODS	Modra-Piesok	80.95 322	eP	P	19 00 40.7 +1.2
KRUC	Moravsky	81.00 323	iP	P	19 00 40.3 +0.6
PVCC	Panska Ves	81.03 324	iP	P	19 00 40.4 +0.6
PVCC	Panska Ves	81.03 324	iP	P	19 00 40.4 +0.6
MMB	Mumistie	81.12 313	P	P	19 00 40.5 0.0
BRG	Berggiesshubel	81.13 325	iP	P	19 00 40.9 +0.6
BRG			Amp	Amp	19 00 42.0
BRG	comp=Z,75nm,1.1s				
BRG	Berggiesshubel	81.13 325	P	P	19 00 53.5 +1.3
BRG			Amp	Amp	19 00 57.3
BRG	comp=Z,22nm,1.0s				
BRG			pP	pP	19 01 14.0 -2.6
BRG			Amp	Amp	19 01 16.3
BRG	comp=Z,18nm,1.1s				
BRG	Berggiesshubel	81.13 325	iP	P	19 00 40.9 +0.6
BRG			pP	pP	19 01 13.9
BRG	comp=Z,75nm,1.1s				
BRG			pmax	pmax	
BRG	comp=Z,22nm,1.0s				
BRG			pmax	pmax	
BRG	comp=Z,18nm,1.1s				
BRG	Berggiesshubel	81.13 325	eP	P	19 00 40.9 +0.6
BRG	comp=Z,74nm,1.1s,baz=48,slow=5.1				
PINE	Pine Mountain	81.13 44	P	pP	19 00 40.3 -0.4
PINE			pP	pP	19 01 15.2 -1.9
ARG	Arkhangelos	81.14 307	P	P	19 00 41.0 +0.4
NVR	Nevrokopi	81.17 313	P	P	19 00 41.6 +0.8
YBH	Yreka Blue Hor	81.21 46	P	P	19 00 41.9 +0.9
YBH			pP	pP	19 00 40.7 -0.3
YBH			pP	pP	19 01 15.0 -2.3
BOVS	Bovan	81.21 316	iP	P	19 00 40.4 -0.5
SMG	Samos	81.22 309	P	P	19 00 41.1 0.0
DATC	Datca	81.24 308	P	P	19 00 40.6 -0.7
GOPC	GO Pecny, Ondr	81.30 324	iP	P	19 00 41.9 +0.6
GOPC	GO Pecny, Ondr	81.30 324	eP	P	19 00 41.9 +0.6
CLL	Collim	81.31 326	iP	P	19 00 41.6 +0.4
CLL	comp=Z,255nm,0.9s				
CLL			eP	pP	19

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like CIMO Cimoais, STU Stuttgart, SOTA Sankt Quirin, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like CUC Castruccio, MOOV Moses Ponds, PAOL Paolisi, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like BC3 Big Chuckwall, PPT Papeete, PPT2 Papeete2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BGNE Belgrade, ANMO Albuquerque, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SMTB Santa Maria, PB16 IPOC Station P, and others.

MAN 11 19:07:29.8, 10.99N, 124.62E, h269km, mb5.1, ML4.0, MS4.1, Leyte

SJA 11 19:07:24.4, 1.9, 29.90S, 72.45W, h10km, ML4.0, MW3.7, Hypocentre not reviewed by the ISC

IDC 11 19:07:28.9, 1.5, 29.96S, 72.25W, h0km, mb4.1/1, mbmp3.9/6, ML3.8/5, MS3.4/2, Error ellipse: s-maj=42.0km

NEIC 11 19:07:29.3, 8.2, 29.97S, 0.05E, 72.15W, 0.05, h10km, 1km, mb4.1/3, ML4.0(OUC), Error ellipse: s-maj=8.9km

GUC 11 19:07:30.6, 0.7, 29.97S, 72.10W, h32km, 4km, ML4.0, ISC 11 19:07:28.7, 1.6, 29.96S, 0.04E, 72.14W, 0.05, h7km, 9km, n77, e101/88, 2C-7D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CO05 La Serena, CO06 Fray Jorge, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MT05 Renca, VFA5 Santo Domingo, and others.

TAP 11 19:36:19.8, 23.15N, 120.78E, h6km, ML0.7, 1C, C, Taiwan

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

TYV	comp=N,300nm,4.2s		smax	smax					
TYV	comp=E,300nm,4.2s		MLR	MLR					
KLR	comp-Z,2µm,16.0s	13.69 332	P	Pn	20 00 58.2	-0.9			
KLR	comp-Z,6.2nm,0.6s,baz=132,slow=12,SNR=21		LR	LR	20 06 15.4				
KLR	comp-Z,3µm,18.2s,baz=145,slow=37		LR	LR					
KLR	Kul'dur	13.69 332	cP	Pn	20 00 58.7	-0.4			
KN2	comp-Z,29nm,1.7s			Pn	20 00 59.8	+0.3			
KN2	Changchun	13.72 302	eP	P	20 01 15.0	+8.1			
KN2			eS	Sn	20 03 30.3	+0.1			
KN2	comp-Z,20nm,1.2s			pmax					
KN2	comp-Z,300nm,4.0s			pmax					
KN2	comp-Z,2µm,16.0s			LR	LR				
KN2	comp-Z,2µm,16.0s			LR	LR				
KN2	comp-Z,2µm,16.0s			LR	LR				
GRNR	Gornyy	13.75 346	ijP	Pn	20 00 57.3	-2.6			
GRNR			eS	Sn	20 03 28.0	-3.0			
GRNR	comp=E,5.0nm,0.8s			pmax					
GRNR	comp=N,5.0nm,0.7s			pmax					
GRNR	comp-Z,2.0nm,0.7s			pmax					
GRNR	comp=N,3.0nm,0.6s			smax	smax				
GRNR	comp=E,930nm,15.0s			MLR	MLR				
GRNR	comp=N,1µm,20.0s			MLR	MLR				
GRNR	comp-Z,2µm,16.0s			MLR	MLR				
SNY	Shenyang	14.47 293	ijP	Pn	20 01 09.8	+0.2			
SNY				pmax					
SNY	comp-Z,68nm,1.1s			LR	LR				
SNY	comp-Z,3µm,13.0s			LR	LR				
SNY	comp-Z,5µm,20.8s			LR	LR				
SNY	comp-Z,8µm,17.0s			LR	LR				
JMZ	Minamidaito 2	14.57 220	Pn	Pn	20 01 10.5	-0.6			
JOW	Kunigami	15.44 230	P	Pn	20 01 21.8	-0.6			
JOW	Kunigami	15.44 230	P	Pn	20 01 21.9	-0.5			
JOW	Kunigami	15.44 230	P	Pn	20 01 24.4	-1.8			
NKL	Nikolayevsk	15.65 358	eP	Pn	20 01 22.5	-2.4			
NKL			eS	Sn	20 04 13.4	-3.8			
NKL	comp=E,20nm,1.1s			pmax					
NKL	comp=N,75nm,1.0s			pmax					
NKL	comp-Z,126nm,1.0s			smax	smax				
NKL	comp=E,184nm,3.8s			smax	smax				
NKL	comp=N,164nm,7.5s			MLR	MLR				
NKL	comp=E,4µm,14.0s			MLR	MLR				
NKL	comp=N,9µm,24.0s			MLR	MLR				
DL2	Dalian	15.70 281	P	Pn	20 01 26.5	+0.8			
DL2	comp-Z,180nm,0.9s			pmax					
DL2	comp-Z,420nm,5.7s			LR	LR				
DL2	comp-Z,610nm,17.5s			LR	LR				
DL2	comp-Z,2µm,18.8s			LR	LR				
DL2	comp-Z,3µm,19.6s			LR	LR				
OKH	Okha	16.07	3deP	Pn	20 01 23.5	-6.8			
OKH				pmax					
OKH	comp-Z,100nm,13.8s			MLR	MLR				
OKH	comp-Z,1µm,19.0s			MLR	MLR				
OKH	comp=E,2µm,17.0s			MLR	MLR				
OKH	comp=N,2µm,15.0s			MLR	MLR				
HEH	HeiHe	16.27 326	eP	Pn	20 01 29.4	-3.4			
HEH			eS	Sn	20 04 32.8	+0.7			
HEH	comp=N,280nm,3.8s			pmax					
HEH	comp=N,2µm,16.7s			LR	LR				
HEH	comp=N,2µm,16.3s			LR	LR				
HEH	comp=N,3µm,19.6s			LR	LR				
SKR	Severo-Kuril's	16.79 34	eP	P	20 01 55.6	+1.5			
SKR				pmax					
SKR	comp-Z,67nm,0.8s			pmax					
SKR	comp-Z,200nm,3.9s			MLR	MLR				
SKR	comp-Z,300nm,11.0s			MLR	MLR				
SSE	Sheshan	17.96 255	P	Pn	20 01 53.1	-0.8			
SSE			S	Sn	20 05 15.3	+2.0			
SSE	comp-Z,58nm,1.1s			pmax					
SSE	comp-Z,250nm,8.9s			LR	LR				
SSE	comp-Z,680nm,17.4s			LR	LR				
SSE	comp-Z,780nm,17.4s			LR	LR				
ZEA	Zeya	18.99 333	eP	P	20 02 04.5	-0.7			
ZEA				pmax					
ZEA	comp=E,100nm,1.0s			pmax					
ZEA	comp=N,200nm,0.9s			pmax					
ZEA	comp-Z,300nm,1.1s			pmax					
ZEA	comp=E,110nm,0.8s			pmax					
ZEA	comp=N,190nm,0.9s			pmax					
ZEA	comp-Z,280nm,0.9s			pmax					
ZEA	comp=E,800nm,17.0s			MLR	MLR				
ZEA	comp=N,1µm,15.0s			MLR	MLR				
PEAOB	Petrovsk	19.24 31	P	P	20 02 07.0	-0.9			
PEAOB	Petrovsk	19.24 31	P	P	20 02 07.0	-0.9			
PEAOB				pmax					
PETK	Petrovsk	19.24 31	P	P	20 02 08.4	+0.6			
NJ2	Nanjing	19.38 260	eP	Pn	20 02 08.0	-1.6			
NJ2			eS	Sn	20 02 24.8	-1.9			
NJ2			S	Sn	20 05 47.4	-0.2			
NJ2			sS	sS	20 06 01.1	-2.9			
NJ2	comp-Z,54nm,0.8s			pmax					
NJ2	comp-Z,280nm,3.5s			pmax					
NJ2	comp-Z,1µm,21.3s			LR	LR				
NJ2	comp-Z,1µm,22.7s			LR	LR				
NJ2	comp-Z,2µm,16.1s			LR	LR				
TIA	Taian	19.55 274	P	P	20 02 10.3	-1.2			
TIA			eP	S	20 02 25.7	-2.9			
TIA			S	S	20 05 45.5	-4.2			
TIA			S	SnSn	20 06 13.0	+6.7			

TIA	comp-Z,73nm,1.0s			pmax	pmax				
TIA	comp-Z,520nm,7.6s			LR	LR				
TIA	comp-Z,1µm,15.3s			LR	LR				
TIA	comp-Z,1µm,17.9s			LR	LR				
PET	Petrovsk	19.57 32	eP	Pn	20 02 10.7	-0.7			
PET	Petrovsk	19.57 32	eS	P	20 02 16.4	+3.3			
PET			eS	S	20 05 43.2	-6.5			
PET	comp-Z,100nm,1.4s			pmax					
PET	comp-Z,600nm,12.0s			MLR	MLR				
PET	comp-Z,900nm,12.0s			MLR	MLR				
HIA	Hailar	19.64 314	P	P	20 02 10.2	-2.1			
HIA	Hailar	19.64 314	P	P	20 02 11.8	-0.5			
HIA	Hailar	19.64 314	P	P	20 02 10.2	-2.1			
HIA				pmax					
BJI	Beijing	19.90 285	P	P	20 02 13.8	-1.4			
BJI			S	S	20 05 54.0	-2.6			
BJI			S	pmax					
BJT	Baijiatou	19.91 285	P	P	20 02 12.7	-2.6			
BJT	Baijiatou	19.91 285	P	P	20 02 12.7	-2.6			
BJT				pmax					
XLT	XilinHaoTe	20.27 296	ijP	P	20 02 17.4	-1.9			
XLT			eP	sP	20 02 34.8	-1.7			
XLT			S	Pn	20 02 37.4	+0.1			
XLT			S	S	20 05 55.5	-8.5			
XLT			sS	sS	20 06 18.3	-3.7			
XLT			S	SnSn	20 06 28.7	+4.8			
XLT				pmax					
XLT	comp-Z,130nm,1.5s			pmax					
XLT	comp-Z,300nm,4.1s			LR	LR				
XLT	comp-Z,2µm,17.9s			LR	LR				
YOJ	Yonaguni jima	20.47 236	P	P	20 02 19.2	-2.2			
YOJ			IAMB	IAMB	20 02 20.4				
YOJ	Yonaguni jima	20.47 236	P	P	20 02 19.2	-2.2			
YOJ				pmax					
TATO	Taipei	21.15 240	P	P	20 02 27.1	-1.6			
TATO	Taipei	21.15 240	P	P	20 02 27.5	-1.2			
HNS	HongShan	21.27 278	ijP	P	20 02 27.1	-1.6			
HNS			eP	sP	20 02 43.2	+2.0			
HNS			S	Pn	20 02 50.9	0.0			
HNS			S	S	20 06 13.2	-1.0			
HNS			S	ScS	20 13 47.2	-2.8			
HNS				pmax					
HNS	comp-Z,510nm,0.9s			LR	LR				
HNS	comp-Z,790nm,13.9s			LR	LR				
HNS	comp-Z,2µm,16.3s			LR	LR				
YHNB	Yeheng	21.42 239	P	P	20 02 29.8	-2.0			
YHNB			IAMB	IAMB	20 02 33.4				
YHNB	Yeheng	21.42 239	P	P	20 02 31.0	-0.8			
NACB	Ninganchiao	21.61 238	P	P	20 02 30.2	-3.5			
NACB	Ninganchiao	21.61 238	P	P	20 02 31.1	-2.5			
SSLB	Suanglung	22.30 238	P	P	20 02 37.5	-3.7			
SSLB	Suanglung	22.30 238	P	P	20 02 38.4	-2.8			
YULB	Yu-li	22.34 237	P	P	20 02 39.5	-2.1			
TPUB	Ta-pu	22.84 238	P	P	20 02 42.9	-4.0			
TPUB			IAMB	IAMB	20 02 44.8				
TPUB	Ta-pu	22.84 238	P	P	20 02 44.3	-2.7			
MA2	Magadan	22.87 12	P	P	20 02 46.6	-0.3			
MA2				LR	LR				
MA2	comp-Z,407nm,18.4s,baz=198,slow=38			LR	LR				
MA2	comp-Z,47nm,0.9s			P	P	20 02 45.5	-1.4		
MA2	Magadan	22.87 12	P	P	20 02 46.9	0.0			
MA2	Magadan	22.87 12	eP	P	20 02 46.7	-0.3			
MA2				pmax					
TWGBT	Beinan	22.88 236	P	P	20 02 45.6	-1.7			
TWGT	Pinlang	22.88 236	P	P	20 02 44.9	-2.4			
TWGT			IAMB	IAMB	20 02 51.1				
TIY	Taiyuan	23.01 279	eP	P	20 02 46.1	-2.5			
TIY				pmax					
TIY	comp-Z,84nm,1.1s			pmax					
TIY	comp-Z,280nm,6.0s			LR	LR				
TIY	comp-Z,1µm,19.2s			LR	LR				
TIY	comp-Z,1µm,18.6s			LR	LR				
TIY	comp-Z,2µm,17.9s			LR	LR				
HHC	Hu-ho-hao-te	23.41 288	eP	P	20 02 50.8	-1.7			
HHC			eP	sP	20 03 03.6	-0.6			
HHC			S	S	20 06 57.0	-5.2			
HHC			S	SnSn	20 07 46.6	+5.9			
HHC				pmax					
HHC	comp-Z,82nm,0.8s			pmax					
HHC	comp-Z,360nm,5.3s			LR	LR				
HHC	comp-Z,1µm,14.0s			LR	LR				
HHC	comp-Z,2µm,1								

TRF	Thorofare Moun	47.59	34	P	P	20 06 20.1 +1.5
CUT	Chulitna	47.62	36	P	P	20 06 19.1 +0.4
D23K	Namutuk River	47.63	27	P	P	20 06 20.4 +1.7
BSSI	Bau Bau, Buton	47.65	209	P	P	20 06 19.6 +0.2
COLD	Coldfoot	47.70	29	P	P	20 06 20.8 +1.6
BBKI	Banjar Baru	47.71	217	P	P	20 06 19.7 -0.1
M22K	Willow	47.72	37	P	P	20 06 20.5 +1.1
PKI	Pulchoki	47.72	275	eP	P	20 06 20.3 0.0
KKK	Kakani	47.72	275	eP	P	20 06 20.3 +0.1
PKIN	Pulchoki	47.73	275	eP	P	20 06 20.1 -0.2
G23K	Bananza Creek	47.75	30	P	P	20 06 21.0 +1.3
SKLT	Songkhla	47.81	241	P	P	20 06 22.1 +1.4
H32K	Yukon River	47.92	31	P	P	20 06 23.2 +2.3
RC01	Rabbit Creek A	47.93	38	P	P	20 06 21.9 +0.8
DMN	Dama	47.94	275	eP	P	20 06 22.2 +0.3
BWN	Browne	47.95	33	P	P	20 06 23.0 +1.8
E23K	Chandalar	47.96	28	P	P	20 06 22.4 +1.1
O22K	Cooper Landing	47.98	38	P	P	20 06 21.8 +0.4
I23K	Minto, Yukon-K	47.99	32	P	P	20 06 22.6 +1.2
NEA2	Nemana	48.12	33	P	Iamb	20 06 23.7 +1.3 20 06 25.4
NEA2	Nemana	48.12	33	P	P	20 06 23.8 +1.3
GKN	Gorkha	48.14	276	eP	P	20 06 23.5 +0.2
SEW	Seward	48.14	39	P	P	20 06 23.0 +0.4
MCK	McKinley	48.19	34	P	P	20 06 24.0 +0.9
PMR	Palmer	48.20	37	P	P	20 06 23.4 +0.4
PMR	Palmer	48.20	37	P	P	20 06 24.4 +1.3
PMR	Palmer	48.20	37	P	P	20 06 23.5 +0.4
PMR	Palmer	48.20	37	P	P	20 06 23.7 +0.6
RND	Reindeer	48.24	34	P	P	20 06 23.9 +0.4
RND	Reindeer	48.24	34	P	P	20 06 23.9 +0.4
CHKK	Chushkaly	48.24	299	eP	P	20 06 24.0 +0.2
CHKK	Chushkaly	48.24	299	eP	P	20 06 23.9 +0.2
TARG	Taragay, Kyrgy	48.27	296	P	P	20 06 25.1 +0.6
TARG	Taragay, Kyrgy	48.27	296	P	P	20 06 25.1 +0.6
GHO	Glory Hole Cre	48.28	37	P	Iamb	20 06 23.9 0.0 20 06 39.1
D24K	Happy Valley	48.31	27	P	P	20 06 25.4 +1.5
E24K	Your Creek	48.39	28	P	P	20 06 26.6 +2.0
C24K	Franklin Bluff	48.39	26	P	P	20 06 26.3 +1.8
MDOK	Medeo	48.39	298	iP	P	20 06 25.7 +0.6
MDOK	Medeo	48.39	298	iP	P	20 06 25.7 +0.6
WAT1	Susitna Watana	48.40	35	P	P	20 06 25.3 +0.6
AAA	Alma-Ata	48.47	298	eP	P	20 06 26.7 +1.1
AAA	Alma-Ata	48.47	298	eP	P	20 06 26.6 +1.0
TNSS	Tian-Shan	48.50	298	iP	P	20 06 27.2 +0.9
TNSS	Tian-Shan	48.50	298	iP	P	20 06 27.1 +0.9
KNK	Knik Glacier	48.53	37	P	P	20 06 26.8 +1.1
SML	Sawmill	48.56	37	P	P	20 06 27.1 +1.1
F24K	Squaw Lake	48.60	29	P	P	20 06 27.6 +1.4
H24K	Noodor Dome	48.60	31	P	P	20 06 28.4 +2.2
TCOL	CIGO, UAF Yank	48.63	32	P	P	20 06 27.8 +1.4
PWL	Port Wells	48.63	38	P	P	20 06 26.9 +0.4
PWL	Port Wells	48.63	38	P	P	20 06 26.8 +0.3
COLA	College	48.63	32	P	Iamb	20 06 27.0 +0.6 20 06 42.4
COLA	College	48.63	32	P	P	20 06 30.1 +3.7 20 06 27.0 +0.6
COLA	College	48.63	32	P	P	20 06 28.0 +1.6
COLA	College	48.63	32	P	P	20 06 27.7 +1.3 20 06 28.2 +0.6
DANN	Dangsing	48.67	277	eP	P	20 06 27.0 -0.2
KUU	Kurty	48.68	299	iP	P	20 06 26.9 -0.2
KUU	Kurty	48.68	299	iP	P	20 06 26.9 -0.2
G24K	Hadweencic Riv	48.76	30	P	P	20 06 29.2 +1.8
POKR	Poker Plat Res	48.80	32	P	P	20 06 29.0 +1.2
POKR	Poker Plat Res	48.80	32	P	P	20 06 29.7 +1.9
M23K	Glacier View	48.85	37	P	P	20 06 29.1 +0.9
SCM	Sheep Creek Mo	49.04	36	P	Iamb	20 06 30.5 +0.9
SCM	Sheep Creek Mo	49.04	36	P	P	20 06 30.5 +0.9
SCM	Sheep Creek Mo	49.04	36	P	P	20 06 30.7 +1.0
HDA	Harding Lake	49.04	33	P	P	20 06 30.1 +0.5
IL31	Il31	49.05	33	P	Iamb	20 06 29.7 +0.1 20 06 31.5
ILAR	Eielson Array	49.05	33	P	P	20 06 30.1 +0.4
ILAR	Eielson Array	49.32	206	P	P	20 07 51.0 -1.7
ILAR	Eielson Array	49.32	206	P	P	20 06 29.7 +0.1 20 06 31.2 +0.4 20 06 32.9
ILAR	Eielson Array	49.32	206	P	P	20 06 31.4 +0.8
D25K	Kavik River	49.19	27	P	P	20 06 32.2 +1.5
ULHL	Ulahoi	49.23	297	P	P	20 06 32.0 +0.4
G25K	Bearman Lake	49.30	30	P	P	20 06 33.7 +2.2
MMRI	Maumere	49.32	206	P	Iamb	20 06 32.0 -0.2 20 06 47.3
MMRI	Maumere	49.32	206	P	P	20 06 32.6 +0.4
MMRI	Maumere	49.32	206	P	P	20 06 32.4 +0.2
IPM	Ipo	49.46	238	P	P	20 06 33.1 -0.3
IPM	Ipo	49.46	238	P	P	20 06 33.7 +0.3
F25K	Christian Rive	49.46	29	P	P	20 06 35.3 +2.5

TKM2	Tokmak 2	49.48	298	P	P	20 06 34.2 +0.7
E25K	Arctic Village	49.48	28	P	P	20 06 35.2 +2.3
M24K	Tolsona, Glenn	49.55	36	P	P	20 06 35.0 +1.4
BRZ5	Berezni	49.58	308	iP	P	20 06 33.8 -0.2
BRZ5	Berezni	49.58	308	iP	P	20 06 33.7 -0.2
PRP	Porcupine Dome	49.59	32	P	P	20 06 35.3 +1.4
K24K	Donnelly Dome	49.59	34	P	P	20 06 34.6 +0.8
MYKOM	Kota Tinggi	49.61	233	P	Iamb	20 06 33.2 -1.3 20 06 36.8
C26K	Camden Bay	49.71	26	P	P	20 06 36.7 +2.2
SOEI	Soe	49.72	203	P	P	20 06 34.8 -0.6
SOEI	Soe	49.72	203	P	P	20 06 36.2 +0.8
SOEI	Soe	49.72	203	P	P	20 06 33.3 -2.1
KLU	Klutina	49.74	37	P	P	20 06 36.6 +1.6
HNR	Honiara	49.78	156	LR	LR	20 06 46.0
PAX	Paxson	49.80	35	P	P	20 06 37.0 +1.6
TPRI	Tanjung Pinang	49.85	232	P	P	20 06 37.6 +1.3
BMAR	Burnt Mountain	49.88	29	P	P	20 06 36.9 +1.0
EYAK	Cordova Ski Ar	49.93	38	P	P	20 06 38.4 +2.1
EYAK	Cordova Ski Ar	49.93	38	P	P	20 06 37.7 +1.4
BTLS	Baital	49.94	301	iP	P	20 06 36.7 0.0
BTLS	Baital	49.94	301	iP	P	20 06 36.7 0.0
BTLS	Baital	50.00	299	iP	P	20 06 37.5 +0.2
SGDS	Sogindy	50.00	299	iP	P	20 06 37.5 +0.2
HARP	HAARP	50.00	36	P	P	20 06 38.5 +1.6
RIDG	Independent Ri	50.01	34	P	P	20 06 37.6 +0.6
KBK	Karagaybulak	50.02	298	P	P	20 06 38.4 +0.8
F26K	Sheeniek River	50.03	29	P	P	20 06 39.4 +2.2
CHMS	Chumysh	50.05	298	P	P	20 06 38.0 +0.4
C27K	Jago River	50.13	26	P	P	20 06 39.7 +1.9
USP	Ospenovka	50.14	299	P	P	20 06 38.8 +0.4
G26K	Porcupine Rive	50.21	30	P	P	20 06 40.8 +2.4
KSH	Kashi	50.29	294	P	P	20 06 43.9 +4.3 20 07 02.2 +4.0 20 13 56.8 +7.9
KSH	Kashi	50.29	294	P	P	20 06 43.9 +4.3 20 07 02.2 +4.0 20 13 56.8 +7.9
KSH	Kashi	50.29	294	P	P	20 06 43.9 +4.3 20 07 02.2 +4.0 20 13 56.8 +7.9
BVAR	Borovoye Array	50.32	312	LR	LR	20 06 40.1 20 06 40.2 +0.4
AAK	Ala-Archa	50.34	298	P	P	20 06 40.4 +0.4
AAK	Ala-Archa	50.34	298	P	P	20 06 40.2 +0.3
AAK	Ala-Archa	50.34	298	P	P	20 06 42.9
AAK	Ala-Archa	50.34	298	eP	P	20 06 40.1 +0.1
AAK	Ala-Archa	50.34	298	iP	P	20 06 40.2 +0.3
AAK	Ala-Archa	50.34	298	P	P	20 06 40.5 +0.5
AAK	Ala-Archa	50.34	298	P	P	20 06 40.5 +0.5
AAK	Ala-Archa	50.34	298	P	P	20 06 40.4 +0.4
AAK	Ala-Archa	50.34	298	P	P	20 06 51.3 -1.2
AAK	Ala-Archa	50.34	298	P	P	20 06 41.3 +1.6
SCRK	Chitina, Valde	50.35	37	P	P	20 06 40.6 +0.8
BRVK	Borovoye	50.37	312	P	Iamb	20 06 40.0 +0.2 20 06 41.3
BRVK	Borovoye	50.37	312	P	P	20 06 40.0 +0.2
BRVK	Borovoye	50.37	312	P	P	20 06 40.1 +0.2
BRVK	Borovoye	50.37	312	P	P	20 06 40.1 +0.2
BRVK	Borovoye	50.37	312	P	P	20 06 57.2 -0.2 20 06 58.0 -0.5 20 06 41.9 +0.7
BRVK	Borovoye	50.37	312	P	P	20 06 40.1 +0.2 20 06 40.1 +0.2 20 06 40.0 +0.2 20 06 57.2 -0.2 20 06 58.0 -0.5 20 06 41.9 +0.7
J26L	Joseph Creek	50.50	33	P	P	20 06 41.4 +0.7
PBA	Port Blair	50.57	253	P	Iamb	20 06 42.4 +0.6 20 07 03.6
PBA	Port Blair	50.57	253	P	P	20 06 42.4 +0.6 20 07 03.6
I26K	Coal Creek Min	50.59	32	P	P	20 06 42.3 +1.0
KDU	Kakadu	50.65	191	P	P	20 06 42.8 +0.6
L26K	Log Cabin Wild	50.76	35	P	P	20 06 44.0 +1.3
EKS2	Erkin-Say	50.84	298	P	P	20 06 44.2 +0.5
E27K	Colleen River	50.97	28	P	P	20 06 45.8 +1.7
M26K	Nabesna, AK	51.00	35	P	P	20 06 46.5 +2.0
MTN	Manton Dam	51.02	193	P	P	20 06 44.3 -0.8
MTN	Manton Dam	51.02	193	P	P	20 06 45.7 +0.6
G27K	Doyon Strip	51.06	30	P	P	20 06 46.9 +2.0
AML	Almayash	51.06	298	P	P	20 06 46.8 +1.0
MCARA	McCarthy VSAT	51.13	37	P	P	20 06 47.1 +1.7
H27K	Steamboat Moun	51.17	30	P	P	20 06 47.8 +2.1
PLAI	Plampang	51.17	211	P	P	20 06 45.1 -1.1
PLAI	Plampang	51.17	211	P	P	20 06 44.6 -1.6
K27K	Chicken	51.20	33	P	P	20 06 47.3 +1.4
I27K	Kandik River	51.20	31	P	P	20 06 47.7 +1.7
COEN	Coen	51.21	178	P	Iamb	20 06 47.0 +0.5 20 07 02.5
COEN	Coen	51.21	178	P	P	20 06 47.7 +1.2 20 06 47.9 +0.6
PPPI	Pangkal Pinang	51.30	228	P	P	20 06 49.8 +2.1
L27K	Beaver Creek	51.44	35	P	P	20 06 49.8 +2.1
BCAR	Beaver Creek A	51.46	35	P	P	20 06 49.0 +1.1
TWS1	Taliwang, Sumb	51.46	212	P	P	20 06 46.9 -1.5
EGAK	Eagle	51.49	32	P	Iamb	20 06 48.5 +0.4 20 07 03.5
EGAK	Eagle	51.49	32	P	P	20 06 49.0 +0.9
M27K	Edge Creek, AK	51.52	35	P	P	20 06 50.3 +1.7
SRBI	Singaraja	51.60	214	P	P	20 06 51.3 +1.9
LHMI	Lhok Sumawe	51.75	243	P	Iamb	20 06 51.4 +0.7 20 06 54.4

ABJI	Asem Bagus	51.78	215	P	P	20 06 51.7 +0.9
BVCY	Beaver Creek	51.98	35	P	P	20 06 53.4 +1.6
CTG	China Glacier	52.01	37	P	P	20 06 53.2 +1.0
PSI	Prapat	52.11	239	P	P	20 06 54.2 +0.7
PSI	Prapat	52.11	239	P	P	20 06 53.4 -0.1
RPSI	Rantau Prapat	52.19	239	P	Iamb	20 06 53.4 -0.4 20 06 54.7
YUK3	Moose Creek	52.28	36	P	P	20 06 55.5 +1.2
DAWY	Dawson	52.36	33	P	P	20 06 55.5 +0.9
DAWY	Dawson	52.36	33	P	P	20 06 55.8 +1.2
JAGI	Jajag, Banyuwa	52.42	215	P	Iamb	20 06 54.0 -1.5 20 07 29.2
JAGI	Jajag, Banyuwa	52.42	215	P	P	20 06 55.6 +1.1 20 06 55.1 -0.4
DZA	Taraz	52.47	299	eP	P	

11d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHGR Chuyangaron, A36M Sachs Harbour, SIT Sitka, etc.

2017 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like VADS Vadsø, PSA00 Pilbara Seismi, YKA Yellowknife Arr, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like VRH comp=Z,110nm,0.8s, MEEK Meekatharra, STEI Steigen, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BORG Borgarnes, ANGG Ammassalik, LEOM Leova, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ULM, MRLR, MDND, MONPE, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BRG, PVCC, LINV, CLL, etc.

W18A	Petrified Fore	82.08	52	P	P	20 10 04.2 +0.7
F33A	5 Mile Ranch,	82.10	37	P	P	20 10 03.9 +0.7
RONA	Rosalia, Aunr	82.11	326	i	PcP	20 10 04.3 +1.1
MANZ	Manzenberg	82.12	330	eP	P	20 10 03.5 +0.4
CKRC	Cesky Krumlov	82.12	328	i	P	20 10 03.6 +0.4
CKRC	comp-Z, 600nm, 15.7s			AMS	AMS	20 49 30.0
CKRC	Cesky Krumlov	82.12	328	i	P	20 10 03.6 +0.4
CKRC	comp-Z, 600nm, 15.7s			MLR	MLR	
S22A	4UR Ranch, Cre	82.13	48	P	P	20 10 04.5 +0.7
CONA	Conrad Observa	82.13	327	i	P	20 10 04.3 +1.0
214A	Organ Pipe Nat	82.14	56	P	P	20 10 04.4 +0.8
MORH	Mrgy, Hungar	82.15	324	i	P	20 10 03.1 -0.2
KHC	Kasperske Hory	82.18	328	i	P	20 10 03.7 +0.2
KHC	comp-Z, 49nm, 1.0s			Iamb	Iamb	20 10 05.3
KHC	Kasperske Hory	82.18	328	i	P	20 10 03.8 +0.2
KHC	comp-Z, 800nm, 17.8s			eS	AMS	20 10 23.3 +0.5
KHC	Kasperske Hory	82.18	328	i	P	20 10 03.8 +0.2
KHC	comp-Z, 800nm, 17.8s			e	MLR	20 10 23.3
URZ	Urewera	82.23	152	LR	LR	20 42 13.3
ROTZ	Rotzenmuhle	82.25	330	eP	P	20 10 04.4 +0.6
UBBA	Unterbreizbach	82.28	331	eP	P	20 10 02.7 -1.1
RDO	Rodopi	82.28	317	P	P	20 10 04.3 +0.1
RDO	comp-Z, 145nm, 1.7s			Iamb	Iamb	20 10 06.2
Q24A	Divide	82.29	46	P	P	20 10 05.5 +0.8
RZN	Rozhen	82.35	318	P	P	20 10 05.5 +0.8
GE2C	GERESS Array S	82.35	328	P	P	20 10 04.6 +0.1
GE2C	GERESS Array S	82.35	328	eP	P	20 10 04.5 0.0
GERES	GERESS Array S	82.35	328	eP	P	20 10 04.2 -0.3
GERES	comp-Z, 29nm, 0.9s, baz=37, slow=5.2			PKKPbc	PKKPbc	20 28 30.3 -0.2
GERES	comp-Z, 13nm, 0.8s, baz=43, slow=4.4, SNR=11			LR	LR	20 50 01.1
GERES	comp-Z, 0.4nm, 0.7s, baz=236, slow=1.1, SNR=5.1			LR	LR	20 50 01.1
GERES	comp-Z, 606nm, 18.0s, baz=38, slow=38			LR	LR	20 50 01.1
GERES	comp-Z, 13nm, 0.8s			LR	LR	20 50 01.1
GERES	GERESS Array B	82.35	328	P	P	20 10 04.3 -0.2
GERES	GERESS Array B	82.35	328	P	P	20 10 04.3 -0.2
FRGS	Fruska Gora	82.37	323	i	P	20 10 05.0 +0.3
FRGS	Fruska Gora	82.37	323	i	P	20 10 04.9 +0.3
MANT	Manisa	82.39	313	P	P	20 10 05.1 0.0
LAWE	Loch Awe, Argy	82.45	342	eP	P	20 10 05.2 +0.5
VTS	Vitosha	82.48	319	P	P	20 10 06.4 +1.0
VTS	comp-Z, 33nm, 0.8s			Iamb	Iamb	20 10 08.6
VTS	Vitosha	82.48	319	P	P	20 10 06.4 +1.0
VTS	comp-Z, 33nm, 0.8s			pmax	pmax	
VTS	Vitosha	82.48	319	P	P	20 10 06.2 +0.8
BOVS	Bovan	82.54	321	i	P	20 10 04.5 -1.0
KASTN	Kahler Asten	82.56	332	eP	P	20 10 05.5 +0.1
OGNE	Ogallala	82.67	43	P	P	20 10 07.0 +0.7
EYMN	Ely	82.69	33	P	P	20 10 06.5 +0.3
EYMN	Ely	82.69	33	P	P	20 10 06.5 +0.3
GRA1	Grafenberg Arr	82.70	330	P	P	20 10 06.9 +0.7
GRA1	comp-Z, 92nm, 1.1s			Iamb	Iamb	20 10 08.3
GRF	Grafenberg Arr	82.70	330	eP	P	20 10 06.9 +0.7
GRF	comp-Z, 92nm, 1.1s			pmax	pmax	
GRF	Grafenberg Arr	82.70	330	eP	P	20 10 06.9 +0.7
GRF	comp-Z, 93nm, 1.1s, baz=37, slow=5.2			eL	L	20 51 21.2
GRFO	Grafenberg	82.70	330	P	P	20 10 06.7 +0.5
GRFO	comp-Z, 474nm, 19.3s			Iamb	Iamb	20 10 08.2
GRFO	Grafenberg	82.70	330	P	P	20 10 06.7 +0.5
GRFO	comp-Z, 83nm, 1.1s			pmax	pmax	
EKA	Eskdalemuir Ar	82.72	341	P	P	20 10 05.9 -0.2
EKA	comp-Z, 14nm, 0.9s, baz=32, slow=4.9, SNR=26			PP	PP	20 13 11.7 -3.9
EKA	Eskdalemuir Ar	82.72	341	P	P	20 10 05.9 -0.2
EKA	comp-Z, 3.5nm, 0.9s, baz=32, slow=8.4, SNR=3.5			LR	LR	20 50 10.3
GHAJ	Ghor Haditha	82.74	304	P	P	20 10 07.0 +0.3
GHAJ	comp-Z, 450nm, 20.9s, baz=34, slow=38			Iamb	Iamb	20 10 07.9
GHAJ	Ghor Haditha	82.74	304	P	P	20 10 07.0 +0.3
GHAJ	comp-Z, 14nm, 0.9s			Iamb	Iamb	20 10 07.9
ESK	Eskdalemuir	82.74	341	eP	P	20 10 06.8 +0.5
ESK	Eskdalemuir	82.74	341	eP	P	20 10 06.5 +0.3
ESK	comp-Z, 37nm, 0.8s			Iamb	Iamb	20 10 24.4
ESK	Eskdalemuir	82.74	341	eP	P	20 10 06.5 +0.3
ESK	comp-Z, 86nm, 1.8s			pmax	pmax	
ELL	Elmali	82.77	311	P	P	20 10 07.0 +0.1
ELL	Elmali	82.77	311	P	P	20 10 07.0 +0.1
ELL	comp-Z, 86nm, 1.8s			pmax	pmax	
BUG	Bochum -Univer	82.79	333	eP	P	20 10 06.4 -0.2
BUG	comp-Z, 48nm, 1.0s, baz=37, slow=5.2			P	P	20 10 06.4 -0.2
ARSA	Arzberg	82.80	326	i	P	20 10 07.3 +0.5
EDMO	Edmundbyers	82.83	340	eP	P	20 10 06.9 +0.1
MOA	Mollin	82.88	327	i	P	20 10 07.7 +0.5
MOA	comp-Z, 37nm, 1.2s			P	P	20 10 07.6 +0.4
SDCO	Great Sand Dun	82.91	47	P	P	20 10 08.5 +0.7
SDCO	Great Sand Dun	82.91	47	P	P	20 10 08.9 +1.1
MMB	Musomiste	82.95	318	P	P	20 10 08.2 +0.5
TEKS	Tekeris	82.96	322	i	P	20 10 07.0 -0.6
DIVS	Divibare	83.06	322	i	P	20 10 08.0 -0.2
DIVS	comp-Z, 79nm, 1.5s			Iamb	Iamb	20 10 09.7
DIVS	Divibare	83.06	322	i	P	20 10 08.3 +0.1
KVB	Krupnik	83.09	319	P	P	20 10 09.1 +0.7
NEWG	New Galloway	83.19	341	eP	P	20 10 08.7 +0.1
NEWG	comp-Z, 18nm, 1.0s			Iamb	Iamb	20 10 09.9
K31A	O'Neill	83.22	40	P	P	20 10 09.9 +0.8
TUC	Tucson	83.23	54	P	P	20 10 10.2 +0.8
TUC	Tucson	83.23	54	P	P	20 10 10.2 +0.8
TUC	comp-Z, 38nm, 1.5s			pmax	pmax	
TUC	Tucson	83.23	54	P	P	20 10 10.5 +1.2
BIOA	Bad Ischl, Aus	83.28	328	i	P	20 10 09.7 +0.5
BIOA	comp-Z, 41nm, 0.9s, SNR=18			P	P	20 10 09.7 +0.5
AKAS	Kas	83.29	311	P	P	20 10 09.2 -0.4
TNS	Tanus Mts	83.35	332	eP	P	20 10 09.7 +0.1
KESW	Keswick, Cumbr	83.36	340	eP	P	20 10 09.9 +0.5
F36A	Milaca	83.38	35	P	P	20 10 09.7 0.0
PERS	Pernice	83.44	326	eP	P	20 10 10.1 0.0
SOKA	Soboth	83.45	326	i	P	20 10 10.5 +0.3
ECS5	EROS Data Cent	83.49	38	P	P	20 10 10.6 +0.2
ECS5	comp-Z, 58nm, 0.9s, SNR=26			Iamb	Iamb	20 10 11.9
ECS5	EROS Data Cent	83.49	38	P	P	20 10 10.6 +0.2
ECS5	comp-Z, 28nm, 0.9s			Iamb	Iamb	20 10 11.9
HPK	Haverah Park	83.51	339	eP	P	20 10 10.8 +0.6
HPK	comp-Z, 317, SNR=23			Iamb	Iamb	20 10 11.7
BBLs	Lazići	83.52	322	i	P	20 10 11.0 +0.4
HAPS	Han Pijesak, BI	83.58	322	i	P	20 10 11.5 +0.6
AHRW	Bad Neuenahr-A	83.60	333	eP	P	20 10 10.9 +0.1
AHRW	comp-Z, 47nm, 1.2s, baz=37, slow=5.2			P	P	20 10 10.9 +0.1

RJOB	Jochberg	83.60	328	eP	P	20 10 11.4 +0.5
RJOB	comp-Z, 57nm, 0.9s, baz=37, slow=5.2			P	P	20 10 11.4 +0.5
SJES	Sjenica	83.68	321	i	P	20 10 11.9 +0.4
STIP	Stip	83.69	319	eP	P	20 10 10.9 +0.5
KSCO	Kaye Shedlock	83.69	45	P	P	20 10 12.4 +0.7
E38A	The Farm, Brul	83.70	34	P	P	20 10 11.5 +0.1
RUDO	Rudo	83.72	322	eP	P	20 10 10.8 -0.7
RUDO	comp-Z, 93nm, 0.9s, baz=37, slow=5.2			P	P	20 10 10.8 -0.7
OBKA	Obir	83.75	318	i	P	20 10 12.0 +0.0
OBKA	comp-Z, 16nm, 0.9s			P	P	20 10 12.0 +0.0
OBKA	Obir	83.79	326	eP	P	20 10 11.3 -0.7
GCIS	Gornji Cirkic	83.80	325	eP	P	20 10 11.8 -0.1
A051A	Alkovicva	83.86	324	i	P	20 10 12.0 -0.3
SKO	Skopje	83.87	320	P	P	20 10 13.4 +1.0
KBA	Koelnbreinsper	83.88	327	i	P	20 10 12.5 -0.1
FUR	Furstenfeldbru	83.89	329	eP	P	20 10 12.8 +0.0
FUR	comp-Z, 93nm, 0.9s, baz=37, slow=5.2			P	P	20 10 12.8 +0.0
BTNL	Ternell	83.90	333	eP	P	20 10 12.3 -0.1
BTNL	comp-Z, 18nm, 1.1s			P	P	20 10 12.3 -0.1
WACR	West Ace	83.92	337	eP	P	20 10 12.7 +0.3
WACR	comp-Z, 97nm, 1.0s			Iamb	Iamb	20 10 13.5
MEMB	Membach	83.93	333	eP	P	20 10 12.4 -0.1
MEMB	comp-Z, 21nm, 0.9s			P	P	20 10 12.4 -0.1
BLY	Banja Luka	83.93	324	eP	P	20 10 12.2 -0.4
T25A	Trinidad	83.96	47	P	P	20 10 14.1 +0.9
T25A	comp-Z, 33nm, 0.9s			Iamb	Iamb	20 10 15.6
T25A	Trinidad	83.96	47	P	P	20 10 13.6 +0.4
LBWR	Ladybower, Pea	84.03	339	eP	P	20 10 13.4 +0.5
LBWR	comp-Z, 97nm, 0.9s			Iamb	Iamb	20 10 14.4
MYKA	Terra Mystica	84.10	327	i	P	20 10 13.0 -0.5
BSTI	Sart Tilman	84.10	334	eP	P	20 10 13.9 +0.6
BHOV	Houvezneq	84.14	333	eP	P	20 10 13.8 +0.2
WIM	Isle of Man	84.17	341	eP	P	20 10 14.1 +0.5
EIL	Eilat	84.19	303	LR	LR	20 51 20.7
SPMN	Marine on the	84.19	35	P	P	20 10 14.3 +0.3
ANMO	Albuquerque	84.22	50	LR	LR	20 41 15.6
ANMO	comp-Z, 198nm, 21.6s, baz=31, slow=31			LR	LR	20 41 15.6
ANMO	Albuquerque	84.22	50	P	P	20 10 14.5 0.0
ANMO	comp-Z, 42nm, 1.3s			Iamb	Iamb	20 10 31.5
ANMO	Albuquerque	84.22	50	P	P	20 10 14.5 0.0
ANMO	comp-Z, 42nm, 1.3s			pmax	pmax	20 10 14.5 0.0
ANMO	Albuquerque	84.22	50	P	P	20 10 15.5 +1.0
ANMO	comp-Z, 42nm, 1.3s			P	P	20 10 15.5 +1.0
MGRS	Mirkonji Grad	84.23	324	eP	P	20 10 14.8 +0.7
STU	Stuttgart	84.24	331	P	P	20 10 13.9 -0.2
STU	comp-Z, 70nm, 1.1s			Iamb	Iamb	20 10 15.6
STU	Stuttgart	84.24	331	P	P	20 10 13.9 -0.2
STU	comp-Z, 70nm, 1.1s			pmax	pmax	20 10 13.9 -0.2
STU	Stuttgart	84.24	331	eP	P	20 10 14.2 +0.1
BOJS	Bojanci	84.25	325	eP	P	20 10 13.9 -0.3
BOJS	comp-Z, 152nm, 1.0s, baz=37, slow=5.2			P	P	20 10 13.9 -0.3
PMOR	Pomorie, Rea	84.25	325	i	P	20 10 13.9 -0.3
PMOR	comp-Z, 19nm, 0.9s, baz=30, slow=1.4, SNR=30			T	T	21 43 00.5
BCLA	Clavier	84.33	334	eP	P	20 10 14.4 -0.1
BGNE	Belgrade	84.41	41	P	P	20 10 15.0 -0.1
BGNE	comp-Z, 14nm, 1.2s			P	P	20 10 16.1 +1.0
WATA	Walderalm	84.42	328	i	P	20 10 15.3 0.0
WATA	comp-Z, 39nm, 0.2s, SNR=10			P	P	20 10 15.3 0.0
A050A	Alkovicva	84.44	324	eP	P	20 10 15.3 0.0
BGES	Geves	84.44	334	eP	P	20 10 15.0 -0.1
BGES	comp-Z, 19nm, 1.2s			P	P	20 10 15.0 -0.1
CEY	Cernicka	84.44	323	i	P	20 10 14.6 +0.6
SRKY	Kupres RS	84.45	326	eP	P	20 10 15.3 -0.1
WTTA	Wattenberg	84.45	328	i	P	20 10 15.3 -0.2
WTTA	comp-Z, 23nm, 1.1s, SNR=11			P	P	20 10 15.3 -0.2
WTTA	Wattenberg	84.45	328	eP	P	20 10 15.0 -0.0
WTTA						

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like T35B, N41A, TBI, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like ACSSO, WCI, WCI, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like CPUP, JMA, JKR, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AC04, AC04, AC04, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PYZ Puysegur Point, WKZ Wanaka, EAZ Earnscleugh, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, EIDS Eidsvold, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KIWI Mount Morrison, MTW Traveller, MRNZ Matariki Terra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like S34M Telegraph Cree, N31M Braeburn, Yuko, etc.

NEIC 11 23:30:57.5z-2.7, 52.9N, 0.3z-175.7W, 0.1, h215km, 17km, m3-7/12, ML3.1(AEIC), Error ellipse: s-maj=47.1km

AEIC 11 23:30:57.6z-3.6, 52.3N, 0.2z-175.7W, 0.2, h221km, 6km, Error ellipse: s-maj=36.9km s-min=11.2km az=161.0, Andreao Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSTR Great Sitkin T, ADK Adak, etc.

PNSN 11 23:49:58.9, 48.59N: 123.05W, h12km, MD2.6, Fault plane solution: NP1, 0.60, 0.00000, 0.20, 0.00000, 0.30, 0.00000

SEA 11 23:49:58.9, 1.5, 48.59N, 0.1, 123.05W, 0.1, h12km, 4km, ML2, 6/12, ML2.3/10(NEIC), Error ellipse: s-maj=1.9km s-min=1.2km az=183.0

NEIC 11 23:49:58.0z-1.4, 48.59N, 0.009z-123.08W, 0.02, h118km, 2km, Error ellipse: s-maj=2.5km s-min=1.0km az=67.0, Vancouver Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UWFH University of, INCB Mount Constitu, etc.

Table with columns: B04A Port Angeles, B04A comp=N, 322nm, 0.2s, B04A comp=E, 262nm, 0.2s, etc.

IDC 11 23:58:02.1z-1.9, 3.51N, 124.15E, h0km, mb3.5/3, mbmtp3.5/3, Error ellipse: s-maj=208.1km s-min=25.4km az=63.0, Celebes Sea

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

IDC 12 00:04:11.7z-0.7, 39.98N, 29.72W, h0km, mb3.7/13, mbmp3.7/14, ML4.3/1, MS3.6/1, Error ellipse: s-maj=21.4km s-min=13.0km az=172.0

SVSA 12 00:04:14.9z-1.3, 40.03N, 29.76W, h10km, ML3.7(INMG), Error ellipse: s-maj=5.8km s-min=3.0km az=21.0, GCMT 12 00:04:14.0z-0.4, 40.37N, 0.06z-29.69W, 0.04, h20km, 1km, MW4.8/72, Moment Tensor Solution, s1, c11, s7z, c91, Duration: 0 Moment tensor: Scale 10^19Nm, Mw: 1.69z: 15, Mw: 0.5z: 10, Mw: 1.1z: 0.9, Mw: 1.1z: 26, Mw: 0.1z: 0.6, Mw: 0.1z: 17, Best double couple: Mo: 1.70400x10^16 NP1: 3z: 323.00000, 652.00000, A: 120.00000, NP2: 0z: 186.00000, 346.00000, A: 57.00000, Principal axes: T: 1.2260, Plg3.0000, Az: 73.0000, N: 0.9570, Plg2.0000, Az: 342.0000, P: -2.1820, Plg67.0000, Az: 171.0000, ns1a1 refers to body waves, cutoff=40s, ns1a2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 12 00:04:11.4z-1.6, 39.81N, 0.07z-29.70W, 0.04, h4km, 11km, n87, r121/57, mb3.7/13, MS3.6/60, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H07N1 FLORES T-PHASE, P0403 HDW, etc.

Table with columns: MDT Midlett, EKA Eskdalemuir Arr, KEST Kesra Arr, GERES GERESS Array B, NOA NOKSAR Array B, VFRAC Vranov, SAE Valguarnera, SJG San Juan, TORDB Torod Arr, DBIC Dibinkro, FINES FINES Array B, MDP Montagnes des, MLR Monte Rosu, ARCES ARCESS Array B, AKASG Malin Array Be, TKL Tuckalee C, etc.

IDC 12 00:12:21.9z-1.3, 34.30N, 122.56E, h0km, mb3.5/5, mbmtps6.6, ML3.5/1, MS2.5/1, Error ellipse: s-maj=45.8km s-min=23.2km az=85.0, JMA 12 00:12:29.8z-0.1, 24.7N, 122.8E, 0.5, h63km, 1km,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SXFK Yanhouchang, JOW Kunigami, JKSRS Koroa Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TORO Torodi Ar. Bea, DAV Davao City (W), WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PANT Pantanal, CPUP Villa Florida, PTGB Pitanga, etc.

IDC 12 00:39:56.4z-1.1, 13:25:01.008:90.63W+0.06, h20km, 5km, n51, c1514/57, mb3.57, Near coast of Guatemala

IDC 12 01:05:01.6:13.0, 5:30S, 149:39E, h0km, mb3.5/3, mbtm3.5/3, MS2.9/1, Error ellipse: s-maj=219.4km s-min=99.9km az=12.0, New Britain region

IDC 12 01:23:15.9:2.2, 2.67N, 123:20E, h0km, mb3.3/3, mbtm3.3/3, Error ellipse: s-maj=324.9km s-min=28.8km az=62.0, Celebes Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, LOAL Lomas de Alarc, LOAL Lomas de Alarc, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

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

SJA 12 01:18:01.2:0.8, 19:83S:69:27W, h100km, 3km, ML3.8, MW3.8, Hypocentre not reviewed by the ISC

IDC 12 01:24:37.8:4.2, 4.73S:101:86E, h0km, mb3.6/5, mbtm3.6/5, MS3.2/2, Error ellipse: s-maj=177.2km s-min=24.2km az=54.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like UNIC Universidad Ca, CEDA San Andres, NBG Las Nubes, etc.

VAO 12 01:18:06.4:0.7, 19:75S:68:89W, h108km, mb4.0, IDC 12 01:18:01.4:0.6, 19:77S:69:00W, h116km, 17km, mb3.4/4, mbtm3.8/8, MS2.2/1, Error ellipse: s-maj=29.7km s-min=18.8km az=105.0

IDC 12 01:24:42.1:0.8, 5.3:10:2E, h12km, 6km, M4.6/14, mb6.3/3, mb4.5/14, MLV4.5/14, Mw(mb)6.0/3, IDC 12 01:24:44.5:1.4, 4.67S:101:93E:0.08, h146km, 8h46km, n40, c091/42, mb3.9/5, Southern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MNAI Manna, KSI Kapahiang, MASI Maura Aman, Be, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CRIN San Cristobal, CRIN Cerro Negro, CNGN CNGN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BWJI Bawean, GMJI Gumunas, BLJI Banyuglungur, etc.

IDC 12 00:45:48.4:4.7, 5:89S:154:67E, h163km, 33km, mb3.3/6, mbtm3.7/7, Error ellipse: s-maj=49.4km s-min=21.5km az=105.0

IDC 12 00:45:46.5:1.1, 6.0S:0:2:154.8E:0:2, h150km, n8, c097/10, mb3.6/6, Bougainville-Solomon Islands region

IDC 12 01:26:20.3:0.7, 4.67S:102:59E, h0km, mb4.5/19, mbtm4.5/20, ML4.1/1, MS3.2/4, Error ellipse: s-maj=24.5km s-min=13.6km az=48.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB07 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, etc.

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

DJA 12 01:26:28.2:0.3, 5.3:10:3E, h14km, 4km, M4.9/27, mb5.6/8, mb4.8/27, MLV4.8/23, Mw(mb)5.1/8, MwMwp8.8/1, Mw8.2/1

NEIC 12 01:26:28.3:1.3, 4.67S:102:58E:0.06, h60km, 3km, mb4.6/48, Error ellipse: s-maj=9.6km s-min=9.0km az=164.0

IDC 12 01:26:28.2:0.7, 4.73S:102:57E:0.04, h60km, 5km, n183, c1517/193, mb4.7/50, MS3.2/3, 1C-ID, Southern Sumatra

MASI	Maura Aman, Be	1.61 348	P	Pn	01 26 54.8 +0.4	comp=Z,53nm,0.5s	DMN	Daman	36.30 333	eP	P	01 33 27.0 +0.5	
MASI	Maura Dua	1.62 82	S	Sn	01 26 54.4 -0.1		GKN	Gorkha	36.85 333	eP	P	01 33 31.0 +0.6	
MDSI	Kota Agung	2.08 112	S	Sn	01 27 00.2 +0.5		DANN	Dangg	37.55 332	eP	P	01 33 37.9 +0.8	
KASI	Kotabumi	2.28 93	P	Pn	01 27 05.0 +1.5		XAN	Xi'an	39.02 8	pP	S	01 33 48.6 -0.6	
KL	Bandar Lampung	2.74 103	P	Pn	01 27 11.0 +1.2		XAN	XAN		pP	S	01 34 04.6 +0.3	
PMBI	Palembang	2.83 51	Pn	Pn	01 27 08.3 -2.7		XAN	XAN		pmax	pmax	01 39 41.1 -3.0	
PMSI	Pulau Pagai	2.83 51	P	Pn	01 27 09.8 -1.3		XAN	XAN		pmax	pmax		
PPSI	Jambi	3.94 343	P	Pn	01 27 54.8 +1.4		NJ2	Nanjing	39.73 22	eP	Pmax	01 33 57.4 +2.4	
JMBI	Cibinong	3.63 121	P	Pn	01 27 22.4 +0.5		LYN	LuoYang	40.17 13	||P	Pmax	01 33 59.1 +0.5	
CGJI	Serang	3.81 111	P	Pn	01 27 24.2 -0.1		LYN	LYN		pmax	pmax		
SBJI	Sungai Dareh	3.94 343	P	Pn	01 27 27.6 +1.4		GTA	Gaotai	43.99 357	eP	pP	01 34 30.2 +0.3	
SDSI	Padang	4.34 331	P	Pn	01 28 21.5 +0.5		GTA	GTA		pP	pP	01 34 44.0 -1.2	
PDSI	Rengat	4.36 357	P	Pn	01 27 33.2 +1.3		CTAO	Charters Tower	45.14 114	P	IAMB	01 34 39.3 +0.1	
RGRI	Pangkal Pinang	4.67 35	P	Pn	01 27 32.9 +0.7		CTAO	CTAO		IAMB	IAMB	01 34 39.8	
PPBI	Dabo	4.67 26	P	Pn	01 27 37.4 +1.1		STKA	Stevens Creek	45.43 131	P	P	01 34 41.9 +0.5	
CNJI	Cibinong	5.21 120	P	Pn	01 27 43.1 -0.5		STKA	Stevens Creek	45.43 131	P	P	01 34 42.0 +0.7	
BKNI	Bangka	5.25 343	Pn	Pn	01 27 43.7 -0.4		HHC	Hu-ho-hao-te	46.10 9	eP	Pmax	01 34 49.6 +3.0	
BKNI	Bangka	5.25 343	P	Pn	01 27 44.7 +0.6		HHC	HHC		pmax	pmax		
TPRI	Tanjung Pinang	5.94 19	P	Pn	01 28 05.8 +1.2		HHC	HHC		pmax	pmax		
PBSI	Pulau Batang	6.32 317	P	Pn	01 27 59.0 +0.2		BJI	Beijing	46.28 14	P	pmax	pmax	01 34 47.8 0.0
CMJI	Cimerak	6.58 118	P	Pn	01 28 01.9 -0.5		NIL	Nilore	47.18 326	P	P	01 34 54.9 -0.1	
MYKOM	Kota Tinggi	6.60 11	Pn	Pn	01 28 01.8 -0.9		KSR	Korea Array	48.15 27	P	P	01 35 02.2 -0.2	
KPJI	Karang Pucung	6.83 113	P	Pn	01 28 07.5 +1.6		KSRS	KSR		P	P	01 35 13.2 -0.9	
GS	Gunungsitoli	7.80 320	P	Pn	01 28 18.1 -1.0		WMQ	Urumpi	50.16 346	eP	P	01 35 19.9 +2.2	
GS	Gunungsitoli	7.80 320	P	Pn	01 28 17.6 -1.5		KSH	KSH		sP	pmax	01 35 19.0 -0.7	
UGM	Wanagama	8.52 112	Pn	Pn	01 28 28.7 -0.2		KSH	KSH		pmax	pmax	01 35 37.8 +2.5	
UGM	Wanagama	8.52 112	P	Pn	01 28 29.0 +0.1		EIDS	Eidsvold	50.79 119	P	IAMB	01 35 23.0 +0.2	
COCO	West Island	9.33 217	P	Pn	01 28 38.6 -1.5		EIDS	EIDS		IAMB	IAMB	01 36 01.6	
SNSI	Sinabang, Aceh	9.44 319	P	Pn	01 28 40.7 -0.9		SONM	Songino Array	52.45 3	P	IAMB	01 35 35.4 +0.5	
PWJI	Pagerwojo	9.74 110	P	Pn	01 28 46.5 +0.8		SONM	SONM		P	P	01 36 45.1 +0.2	
GMJI	Gumukmas	11.36 109	P	Pn	01 29 08.9 +1.1		SONM	Songino Array	52.45 3	P	IAMB	01 35 35.2 +0.3	
ABJI	Asem Bagus	11.99 105	P	Pn	01 29 18.5 +2.1		ULN	Ulanbaatar	52.52 4	P	IAMB	01 35 35.3 -0.2	
JAGI	Jajag, Banyuw	12.09 109	P	Pn	01 29 16.8 -1.0		ULN	ULN		IAMB	IAMB	01 35 36.8	
JAGI	Jajag, Banyuw	12.09 109	P	Pn	01 29 17.5 -0.3		CN2	Changchung	52.53 21	eP	P	01 35 39.5 +4.1	
MTKI	Musa Tawah, K	12.87 73	P	Pn	01 29 29.1 +0.6		GAR	Garm	52.74 329	P	P	01 35 36.8 -0.4	
SRBI	Singaraja	13.00 106	P	Pn	01 29 30.0 -0.2		MJAR	Matsushiro Arr	52.86 36	P	P	01 35 36.2 -1.8	
IGBI	Denpasar	13.13 109	P	Pn	01 29 33.9 +1.9		CHGR	Chuyangarr	53.10 327	P	P	01 35 39.1 -0.7	
TWSI	Taliwang, Sumb	14.76 106	P	Pn	01 29 54.0 +0.3		JSD	Jado	53.92 35	P	IAMB	01 35 44.8 -1.0	
PLAI	Plampang	15.64 106	P	Pn	01 30 01.8 -3.2		MK31	Makanchi Array	54.35 343	P	IAMB	01 35 48.8 0.0	
KAPI	Kappang	17.12 92	P	Pn	01 30 22.5 -1.1		MK31	MK31		IAMB	IAMB	01 35 49.3	
KAPI	Kappang	17.12 92	P	LR	01 37 24.1		MKAR	Makanchi Array	54.35 343	P	P	01 35 48.6 -0.2	
KAPI	Kappang	17.12 92	P	Pn	01 30 24.0 +0.7		MKAR	Makanchi Array	54.35 343	P	P	01 35 52.5 +0.5	
KAPI	Kappang	17.12 92	P	Pn	01 30 26.0 +1.0		MKAR	Makanchi Array	54.35 343	P	P	01 35 48.9 +0.2	
BKSI	Bulukumba	17.50 93	P	P	01 30 37.0 +2.3		MAK2	Makanchi	54.46 343	P	P	01 35 48.4 -1.2	
MPSI	Mapaga	18.03 74	P	Pn	01 30 37.0 +2.3		BNX	BinXian	54.90 21	||P	pmax	01 35 52.2 -0.5	
BASI	Baing, Sumba	18.66 108	P	Pn	01 30 43.4 +1.0		BNX	BNX		pmax	pmax		
TOL2	Toilotoi	19.10 73	P	Pn	01 30 46.9 +0.6		USRK	Ussuriysk Arr	55.42 25	P	P	01 35 56.3 -0.2	
MMRI	Maumere	19.17 102	P	IAMB	01 30 54.1 -1.1		KK31	Karatay Array	55.74 332	P	P	01 35 58.7 -0.2	
MMRI	Maumere	19.17 102	P	IAMB	01 30 56.8 -0.1		KKAR	Karatay Array	55.74 332	P	P	01 35 58.6 -0.2	
MRSI	Marisa	20.03 76	P	Pn	01 30 58.6 -0.1		UTM	Utumbabayashi	57.39 34	P	P	01 36 20.0 -0.4	
LUWI	Luwuk	20.50 80	P	IAMB	01 31 01.7 +0.1		HEH	Heihe	58.82 18	eP	pmax	01 36 20.0 -0.4	
LUWI	Luwuk	20.50 80	P	IAMB	01 31 18.5 -0.3		HEH	HEH		pmax	pmax		
SOEI	Soe	22.09 104	P	IAMB	01 31 32.5		KURK	Kurchatov	58.95 342	P	IAMB	01 36 20.5 -0.8	
SOEI	Soe	22.09 104	P	IAMB	01 31 21.1 +2.3		KURK	KURK		IAMB	IAMB	01 36 23.9 +0.6	
SOEI	Soe	22.09 104	P	P	01 31 31.1 -0.1		GEYT	Alibek	59.17 320	P	P	01 36 23.8 +0.6	
CM31	Chiang Mai Arr	23.32 351	P	IAMB	01 31 32.2		ERM	Erimo	59.38 34	P	P	01 36 23.7 -0.7	
CM31	Chiang Mai Arr	23.32 351	P	IAMB	01 31 30.6 -0.7		ZAAO	Zalesovo Array	60.33 348	P	P	01 36 30.5 -0.2	
CMAR	Chiang Mai Arr	23.32 351	P	LR	01 40 17.3		ZALV	Zalesovo Beam	60.33 348	P	P	01 36 30.2 -0.5	
CMAR	Chiang Mai Arr	23.32 351	P	LR	01 40 17.3		JKA	Kamikawa-asahi	60.47 32	P	P	01 36 31.6 -0.3	
CHTO	Chiang Mai	23.66 351	P	P	01 31 33.2 -1.3		BRVK	Boroyevo	63.69 339	P	IAMB	01 36 52.1	
CRAI	Chiengrai	24.90 355	P	P	01 31 45.0 -0.6		ABKAR	Abkulyk Arr	65.25 331	P	P	01 37 03.5 0.0	
LBMI	Labuha	25.23 81	P	P	01 31 52.6 +3.8		YAK	Yakutsk	69.76 13	LR	LR	02 09 40.0	
FITZ	Fitzroy Crossi	26.18 122	P	P	01 31 56.9 -0.4		KBZ	Khabaz	72.04 319	P	P	01 37 46.5 +0.6	
KNRA	Kunururra	27.94 115	P	IAMB	01 32 12.1 -1.1		PETK	Petropavlovsk	73.85 31	P	P	01 37 55.9 -0.6	
KNRA	Kunururra	27.94 115	P	IAMB	01 32 42.0		MA2	Magadan	74.48 23	P	IAMB	01 38 00.1 +0.1	
MTN	Manton Dam	29.33 108	P	IAMB	01 32 24.9 -0.7		MA2	MA2		IAMB	IAMB	01 38 38.7	
MTN	Manton Dam	29.33 108	P	IAMB	01 32 33.8		BRK	Black Stump Fm	74.57 129	P	P	01 38 01.4 +0.3	
TNCH	TengChong	29.84 353	eP	pmax	01 32 35.6 +5.5		NRIK	Noril'sk	76.63 355	P	P	01 37 59.7 -1.0	
TNCH	TengChong	29.84 353	eP	pmax	01 32 35.6 +5.5		NRIK	Noril'sk		IAMB	IAMB	01 37 59.8 -0.9	
H0S2	Diego Garcia H	30.04 263	T	T	02 03 36.1		NRK	Noril'sk	76.63 355	P	P	01 38 01.9	
H0S2	Diego Garcia H	30.04 263	T	T	02 03 26.1		NRK	Noril'sk		IAMB	IAMB	01 38 02.6 -0.4	
H0S3	Diego Garcia H	30.04 263	T	T	02 03 37.3		BR131	Breskian Array S	77.04 312	P	IAMB	01 38 14.5 -0.8	
H0S3	Diego Garcia H	30.04 263	T	T	02 03 37.3		BR131	BR131		IAMB	IAMB	01 38 16.4 -1.5	
PZH	PanZhiHua	31.06 359	P	pmax	01 32 44.3 +3.5		BRTR	Breskian Array S	77.04 312	P	P	01 38 15.5 +0.2	
PZH	PanZhiHua	31.06 359	P	pmax	01 32 44.3 +3.5		BRTR	BRTR		P	P	01 38 14.8 -0.5	
PZH	PanZhiHua	31.06 359	P	pmax	01 32 44.3 +3.5		TIKI	Tiksi	76.15 8	P	P	01 38 19.9 -0.6	
NWAO	Narrogin (SRO)	31.22 156	LR	LR	01 45 58.8		AKASG	Malin Array Be	83.20 322	P	P	01 38 47.8 -0.2	
SHL	Shilong	31.88 241	P	T	02 02 46.2 -1.6		BURAR	Bucovina Arr	84.99 318	P	IAMB	01 38 57.8 +0.5	
H01W3	Cape Leeuwin H	31.86 162	T	T	02 06 26.2		BURAR	BURAR		IAMB	IAMB	01 39 00.4	
H01W2	Cape Leeuwin H	31.87 162	T	T	02 06 27.9		BUR08	Bucovina Ar. S	85.01 319	P	P	01 38 57.9 +0.5	
H01W1	Cape Leeuwin H	31.88 162	T	T	02 06 29.6		BUR08	BUR08		IAMB	IAMB	01 39 00.4	
WB0	Warramunga Arr	34.41 118	P	P	01 33 10.1 0.0		MNK	MNK		I/P	I/P	01 38 58.1 +1.0	
WRA	Warramunga Arr	34.42 119	P	P	01 33 09.6 -0.7		MNK	MNK		I/P	I/P	01 38 58.1 +1.0	
WRA	Warramunga Arr	34.42 119	P	P	01 35 45.2 +0.4		MNK	MNK		I/P	I/P	01 38 58.1 +1.0	
WRAB	Tennant Creek	34.43 119	P	IAMB	01 33 10.3 0.0		MNK	MNK		I/P	I/P	01 39 12.6 -1.2	
WRAB	Tennant Creek	34.43 119	P	IAMB	01 33 15.6		MNK	MNK		I/P	I/P	01 41 14.6	
WB2	Warramunga Arr	34.43 119	P	IAMB	01 33 09.8 -0.6		MNK	MNK		I/P	I/P	01 49 17.3 -4.2	
WB2	Warramunga Arr	34.43 119	P	IAMB	01 33 18.6		MNK	MNK		I/P	I/P	01 49 43.2 +0.8	
TAPN	Taplejung	34.97 337	eP	P	01 33 16.1 +0.9		MNK	MNK		I/P	I/P	01 54 58.2 +2.4	
RAMN	Ramite	35.08 335	eP	P	01 33 17.2 +1.2		MNK	MNK		I/P	I/P	01 58 06.2	
FORT	Fortress	35.32 140	P	P	01 33 18.1 +0.3		MNK	MNK		I/P	I/P		

12h 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDSI, JHJ, NWA0, etc.

2017 MAR

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

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

CHN4	baz=320	eS	Sn	03 33 45.6	-1.2
ALS	Alishan	2.87 335	S	Sn	03 33 46.2 -2.0
SCLT	Jiali	2.88 322	iS	Sn	03 33 47.7 -0.4
WCKO	Fanlu	2.89 331	S	Sn	03 33 46.4 -1.9
TSCK	Chigu Township	2.92 320	P	Pn	03 33 13.6 +1.2
TSCK	baz=309	S	Pn	03 33 47.8 -1.3	
ESL	Shilin	2.96 348	P	Pn	03 33 14.0 +1.0
VWDT	baz=349	P	Pn	03 33 15.0 +1.9	
VWDT	baz=343	S	Sn	03 33 47.8 -2.4	
ICHU	Vijhu	2.98 325	P	Pn	03 33 13.3 +0.1
ICHU	baz=322	S	Sn	03 33 48.2 -2.2	
CHNS	baz=322	2.99 334	iP	Pn	03 33 14.2 +0.7
CHNS	baz=323	iS	Sn	03 33 49.8 -1.0	
CHY	Chiayi	3.02 329	S	Sn	03 33 50.0 -1.2
SSLB	Suanglung	3.06 339	P	Pn	03 33 14.8 +0.5
SSLB	baz=328	S	Sn	03 33 50.8 -1.5	
WDLH	Douliu	3.13 332	S	Sn	03 33 52.8 -1.0
WSL	Shuilin Townsh	3.14 326	P	Pn	03 33 15.1 -0.1
WSL	baz=323	S	Sn	03 33 51.3 -2.6	
APYP	Conner	3.15 196f	eP	Pn	03 33 16.4 +1.1
APYP	OWD	3.16 344	P	Sn	03 33 52.8 -1.2
OWD	Renai	3.16 344	P	Sn	03 33 16.6 +1.0
OWD	baz=341	S	Sn	03 33 53.5 -1.0	
SMLT	Sun Moon Lake	3.17 339	P	Pn	03 33 16.2 +0.5
SMLT	baz=328	S	Sn	03 33 53.4 -1.4	
WJS	Zhushan	3.18 336	P	Pn	03 33 17.1 +1.5
WJS	baz=333	S	Sn	03 33 54.3 -0.5	
WTK	Tuku	3.20 330	S	Sn	03 33 54.0 -1.3
WTK	Yuehr	3.20 339	iP	Pn	03 33 16.6 +0.6
TYC	baz=328	iS	Sn	03 33 54.7 -0.6	
WUSB	Renai	3.21 343	P	Pn	03 33 17.4 +1.2
WUSB	baz=345	S	Sn	03 33 55.8 +0.2	
CHGB	Renai	3.26 344	P	Pn	03 33 18.3 +1.4
CHGB	baz=348	S	Sn	03 33 55.6 -1.3	
WDGT	Dungji	3.27 316	iP	Pn	03 33 17.2 +0.4
WDGT	baz=313	S	Sn	03 33 54.4 -2.5	
WHF	Hehuan Shan	3.32 346	P	Pn	03 33 19.3 +1.5
WCS	Beigang Elemen	3.33 340	P	Pn	03 33 18.5 +1.0
WCS	baz=329	S	Sn	03 33 58.0 -0.1	
ETLH	Xiulin Townshi	3.34 350	P	Pn	03 33 19.5 +1.8
ETLH	baz=348	S	Sn	03 33 18.3 0.0	
WRL	Guolierlin Hig	3.39 332	P	Pn	03 33 57.7 -1.9
WRL	baz=329	S	Sn	03 33 19.1 +0.8	
VCHM	Qimei	3.39 313	P	Sn	03 33 57.6 -2.0
VCHM	baz=310	S	Sn	03 33 19.5 -0.3	
PHUB	Peng-hu	3.51 318	P	Pn	03 33 59.1 -3.1
PHUB	baz=321	S	Sn	03 33 20.8 +0.7	
WHP	Taichung City	3.53 342	P	Sn	03 34 03.4 +0.6
WHP	baz=331	S	Sn	03 39 56.4 +1.6	
MKAR	R Makanchi Array	41.32 318	P	P	0.2nm,0.5s,ba=103,slow=7.5,SNR=2.7
WRA	Warramunga Arr	42.32 163	P	P	0.1nm,0.4s,ba=341,slow=8.9,SNR=6.3
ASAR	Alice Springs	45.77 165	P	P	0.2nm,0.6s,ba=347,slow=7.6,SNR=1.6
ASAR	baz=347	S	Sn	03 40 03.0 -0.6	

WHG	Oaxaca	2.04 61	iS	Sb	04 04 20.0 +0.7
OXIG	Oaxaca	2.04 61	Pn	Pn	04 03 51.8 -1.4
OXIG	Oaxaca	2.04 61	Pn	Pn	04 04 22.0 +0.6
OXBJ	Oaxaca	2.04 61	eP	Pn	04 03 51.9 -1.3
OXBJ	Oaxaca	2.04 61	eP	Pn	04 03 52.1 -1.1
MEZCAL	Mezcala	2.08 332	P	Sn	04 04 19.9 -1.8
MEIG	Mezcala	2.08 332	iP	Sn	04 04 21.7 +1.7
MEIG	Mezcala	2.08 332	iP	Sn	04 03 51.9 -1.8
MEIG	Mezcala	2.08 332	iP	Sn	04 04 21.7 +1.7
PANG	Puerto Angel	2.08 101	P	Pn	04 03 52.5 -1.0
PANG	Puerto Angel	2.08 101	eP	Sn	04 04 12.2 -7.6
PANG	Puerto Angel	2.08 101	eP	Sn	04 04 12.2 -7.6
PANG	Puerto Angel	2.08 101	eP	Sn	04 04 12.2 -7.6
ATYOC	Atoyac	2.09 303	eS	Pn	04 03 54.9 +1.1
ATYOC	Atoyac	2.09 303	eS	Pn	04 04 14.4 -5.7
HUIG	Huatulco	2.41 97	P	Pn	04 03 56.2 -2.0
HUIG	Huatulco	2.41 97	iP	Pn	04 04 21.8 -6.2
HUIG	Huatulco	2.41 97	iP	Pn	04 03 56.2 -2.0
HUIG	Huatulco	2.41 97	iP	Pn	04 04 21.8 -6.2
PLIG	Platanillo	2.46 339	P	Sn	04 03 57.8 -1.0
PLIG	Platanillo	2.46 339	eS	Sn	04 04 24.1 -5.2
PLIG	Platanillo	2.46 339	eS	Sn	04 03 57.8 -1.0
PLIG	Platanillo	2.46 339	eS	Sn	04 04 24.1 -5.2
TOIG	Toxpalan	2.48 36	eS	Sn	04 03 59.2 0.0
TOIG	Toxpalan	2.48 36	eS	Sn	04 04 20.2 -1.0
TOIG	Toxpalan	2.48 36	eS	Sn	04 03 59.2 0.0
TOIG	Toxpalan	2.48 36	eS	Sn	04 04 20.2 -1.0
TPIG	Tehuacan	2.60 27	eP	Sn	04 03 59.4 +3.6
TPIG	Tehuacan	2.60 27	eP	Sn	04 03 59.5 -1.4
TPIG	Tehuacan	2.60 27	eP	Sn	04 03 59.5 -1.4
TPIG	Tehuacan	2.60 27	eP	Sn	04 04 21.3 -1.2
ARIG	Puente Sto Nin	2.75 323	P	Pn	04 04 01.5 -1.4
ARIG	Puente Sto Nin	2.75 323	eP	Sn	04 04 33.6 -3.0
ARIG	Puente Sto Nin	2.75 323	eP	Sn	04 04 33.6 -3.0
ARIG	Puente Sto Nin	2.75 323	eP	Sn	04 04 33.6 -3.0
YAGI	Yautepac	2.80 351	eS	Pn	04 04 04.7 +1.1
YAGI	Yautepac	2.80 351	eS	Pn	04 04 29.5 -8.3
YAGI	Yautepac	2.80 351	eS	Pn	04 04 04.7 +1.1
YAGI	Yautepac	2.80 351	eS	Pn	04 04 29.5 -8.3
PETZ	Petatlan	2.94 300	eS	Sn	04 04 37.3 -3.7
PETZ	Petatlan	2.94 300	eS	Sn	04 04 05.3 -0.8
PETZ	Petatlan	2.94 300	eS	Sn	04 04 37.3 -3.7
PETZ	Petatlan	2.94 300	eS	Sn	04 04 05.3 -0.8
PHPU	Puebla	2.97 8	eP	Sn	04 04 39.5 -2.8
PHPU	Puebla	2.97 8	eP	Sn	04 04 05.3 -0.8
PHPU	Puebla	2.97 8	eP	Sn	04 04 39.5 -2.8
PHPU	Puebla	2.97 8	eP	Sn	04 04 05.3 -0.8
MAVM	Maiinalco, Edo	2.98 343	e	Pg	04 04 39.5 -2.8
MAVM	Maiinalco, Edo	2.98 343	e	Pg	04 04 05.1 +0.8
MAVM	Maiinalco, Edo	2.98 343	e	Pg	04 04 39.5 -2.8
MAVM	Maiinalco, Edo	2.98 343	e	Pg	04 04 05.1 +0.8
AMECAMECA	AMECAMECA	3.04 357	P	Pn	04 04 10.4 +3.3
AMECAMECA	AMECAMECA	3.04 357	iP	Pn	04 04 45.1 +1.2
AMECAMECA	AMECAMECA	3.04 357	iP	Pn	04 04 10.4 +3.3
AMECAMECA	AMECAMECA	3.04 357	iP	Pn	04 04 45.1 +1.2
NEUV	Arroyo Zacate	3.12 58	eS	Pn	04 04 06.4 -1.2
NEUV	Arroyo Zacate	3.12 58	eS	Pn	04 04 43.7 -1.9
NEUV	Arroyo Zacate	3.12 58	eS	Pn	04 04 06.4 -1.2
NEUV	Arroyo Zacate	3.12 58	eS	Pn	04 04 43.7 -1.9
ZIIG	Zihuatanejo	3.14 299	P	Pn	04 04 06.8 -1.4
ZIIG	Zihuatanejo	3.14 299	eP	Sn	04 04 06.8 -1.4
ZIIG	Zihuatanejo	3.14 299	eP	Sn	04 04 06.8 -1.4
ZIIG	Zihuatanejo	3.14 299	eP	Sn	04 04 06.8 -1.4
TLVM	San Miguel Top	3.15 350	eS	Pb	04 04 13.2 -1.7
TLVM	San Miguel Top	3.15 350	eS	Pb	04 04 43.8 -3.1
TLVM	San Miguel Top	3.15 350	eS	Pb	04 04 13.2 -1.7
TLVM	San Miguel Top	3.15 350	eS	Pb	04 04 43.8 -3.1
TEJU	Tejupic	3.18 332	eS	Pb	04 04 14.2 -1.0
TEJU	Tejupic	3.18 332	eS	Pb	04 04 53.0 -1.3
TEJU	Tejupic	3.18 332	eS	Pb	04 04 14.2 -1.0
TEJU	Tejupic	3.18 332	eS	Pb	04 04 53.0 -1.3
XCHM	Xochimilco	3.19 351	eS	Pn	04 04 13.7 -1.2
XCHM	Xochimilco	3.19 351	eS	Pn	04 04 07.6 -0.1
XCHM	Xochimilco	3.19 351	eS	Pn	04 04 13.7 -1.2
XCHM	Xochimilco	3.19 351	eS	Pn	04 04 07.6 -0.1
THVM	De Xico	3.23 354	eP	Sn	04 04 12.5 +2.8
THVM	De Xico	3.23 354	eP	Sn	04 04 49.2 +0.6
THVM	De Xico	3.23 354	eP	Sn	04 04 12.5 +2.8
THVM	De Xico	3.23 354	eP	Sn	04 04 49.2 +0.6
AOVM	Tlapan	3.24 348	iP	Sn	04 04 13.7 +3.6
AOVM	Tlapan	3.24 348	iP	Sn	04 04 46.4 -2.8
AOVM	Tlapan	3.24 348	iP	Sn	04 04 13.7 +3.6
AOVM	Tlapan	3.24 348	iP	Sn	04 04 46.4 -2.8
UNIV	Universidad Na	3.28 350	P	Pn	04 04 14.4 +4.1
UNIV	Universidad Na	3.28 350	eP	Pn	04 04 14.9 -2.0
UNIV	Universidad Na	3.28 350	eP	Pn	04 04 14.4 +4.1
UNIV	Universidad Na	3.28 350	eP	Pn	04 04 14.9 -2.0
UNIV	Universidad Na	3.28 350	eP	Pn	04 04 52.4 +2.6
UNIV	Universidad Na	3.28 350	eP	Pn	04 04 52.9 -4.3
UNIV	Universidad Na	3.28 350	eP	Pn	04 04 14.9 +4.6
UNIV	Universidad Na	3.28 350	eP	Pn	04 04 52.9 -4.3
CUIG	Ciudad Univers	3.28 350	eP	Sn	04 04 14.9 +4.6
CUIG	Ciudad Univers	3.28 350	eP	Sn	04 04 13.1 +3.1
CUIG	Ciudad Univers	3.28 350	eP	Sn	04 04 14.9 +4.6
CUIG	Ciudad Univers	3.28 350	eP	Sn	04 04 13.1 +3.1
CUPS	Mexico City	3.28 350	eP	Sn	04 04 13.9 +3.6
CUPS	Mexico City	3.28 350	eP	Sn	04 04 50.6 +0.8
CUPS	Mexico City	3.28 350	eP	Sn	04 04 13.9 +3.6
CUPS	Mexico City	3.28 350	eP	Sn	04 04 50.6 +0.8
LMV	La Marquesa	3.28 347	eP	Sn	04 04 15.4 -1.6
LMV	La Marquesa	3.28 347	eP	Sn	04 04 45.6 -4.4
LMV	La Marquesa	3.28 347	eP	Sn	04 04 15.4 -1.6
LMV	La Marquesa	3.28 347	eP	Sn	04 04 45.6 -4.4
COVM	Coyoacan	3.29 351	eP	Pn	04 04 16.3 -0.9
COVM	Coyoacan	3.29 351	eP	Pn	04 04 16.3 -0.9
COVM	Coyoacan	3.29 351	eP	Pn	04 04 16.3 -0.9
COVM	Coyoacan	3.29 351	eP	Pn	04 04 16.3 -0.9
BJVM	Benito Juarez	3.32 351	eP	Pb	04 04 16.1 -1.6
BJVM	Benito Juarez	3.32 351	eP	Pb	04 04 52.1 +1.3
BJVM	Benito Juarez	3.32 351	eP	Pb	04 04 16.1 -1.6
BJVM	Benito Juarez	3.32 351	eP	Pb	04 04 52.1 +1.3
CJVM	Cuajimalpa	3.33 349	eP	Pb	04 04 16.6 -1.1
CJVM	Cuajimalpa	3.33 349	eP	Pb	04 04 48.1 -2.9
CJVM	Cuajimalpa	3.33 349	eP	Pb	04 04 16.6 -1.1
CJVM	Cuajimalpa	3.33 349	eP	Pb	04 04 48.1 -2.9
BJVM	Benito Juarez	3.33 351	eP	Sn	04 04 17.1 +1.2
BJVM	Benito Juarez	3.33 351	eP	Sn	04 04 51.1 -0.1
BJVM	Benito Juarez	3.33 351	eP	Sn	04 04 17.1 +1.2
BJVM	Benito Juarez	3.33 351	eP	Sn	04 04 51.1 -0.1
TXVM	Universitario	3.35 355	eP	Pb	04 04 17.5 -0.6
TXVM	Universitario	3.35 355	eP	Pb	04 04 50.2 -1.3
TXVM	Universitario	3.35 355	eP	Pb	04 04 17.5 -0.6
TXVM	Universitario	3.35 355	eP	Pb	04 04 50.2 -1.3
VRVM	Mexico City	3.35 352	eP	Sn	04 04 43.3 -8.4
VRVM	Mexico City	3.35 352	eP	Sn	04 04 16.9 -1.4
VRVM	Mexico City	3.35 352	eP	Sn	04 04 43.3 -8.4
VRVM	Mexico City	3.35 352	eP	Sn	04 04 16.9 -1.4
MHVM	Bosque de Chap	3.35 350	eP	Sn	04 04 16.2 +4.9
MHVM	Bosque de Chap	3.35 350	eP	Sn	04 04 47.7 -4.0
MHVM	Bosque de Chap	3.35 350	eP	Sn	04 04 16.2 +4.9
MHVM	Bosque de Chap	3.35 350	eP	Sn	04 04 47.7 -4.0
PBVM	Pinon	3.37 352	eP	Sn	04 04 16.2 +4.9
PBVM	Pinon	3.37 352	eP	Sn	04 04 47.7 -4.0
PBVM	Pinon	3.37 352	eP	Sn	04 04 16.2 +4.9
PBVM	Pinon	3.37 352	eP	Sn	04 04 47.7 -4.0
GMVM	Gustavo A Made	3.43 352	eP	Sn	04 04 19.9 -3.6
GMVM	Gustavo A Made	3.43 352	eP	Sn	04 04 18.6 +4.9
GMVM	Gustavo A Made	3.43 352	eP	Sn	04 04 19.9 -3.6
GMVM	Gustavo A Made	3.43 352	eP	Sn	04 04 18.6 +4.9
PTVM	Pico Tres Padr	3.52 352	eP	Sn	04 04 48.6 -7.3
PTVM	Pico Tres Padr	3.52 352	eP	Sn	04 04 18.6 +4.9
PTVM	Pico Tres Padr	3.52 352	eP</		

12d 4h

W35A	Tecumseh	19.05	4	P	04 07 39.9	-1.2
W35A	comp-Z,50nm,1.5s			Iamb	04 07 41.3	
FNO	Franklin	19.12	3	P	04 07 40.4	-1.6
ENM	Barren Site	19.39	340	P	04 07 45.0	-0.1
UALR	University of	19.44	16	P	04 07 43.2	-2.1
OK025	Westminster Rd	19.45	3	P	04 07 44.2	-1.3
OK025	comp-Z,19nm,0.6s			Iamb	04 07 45.0	
CSTR	Hydro, Custer	19.48	360	P	04 07 44.9	-1.0
Y45A	Yeager Farm, C	19.50	23	P	04 07 44.4	-1.6
Z47A	Carrollton	19.52	27	P	04 07 44.4	-1.8
LENM	Lemitar	19.52	339	P	04 07 47.5	+1.0
TUC	Tucson	19.58	328	P	04 07 48.3	-0.1
TUC	Tucson	19.58	328	P	04 07 49.4	+1.0
OK029	Liberty Lake	19.66	3	P	04 07 47.0	-0.8
OK029	comp-Z,16nm,0.9s			Iamb	04 07 53.3	
352A	Blakely	19.75	37	P	04 07 46.1	-2.7
352A	comp-Z,14nm,0.8s			Iamb	04 07 49.5	
DEOK	Depew	19.77	5	P	04 07 47.4	-1.6
DEOK	comp-Z,31nm,1.1s			Iamb	04 07 49.9	
LRLAL	Lakeview Retre	19.87	30	P	04 07 49.0	-1.1
LRLAL	comp-Z,19nm,1.1s			Iamb	04 07 50.3	
LRLAL	Lakeview Retre	19.87	30	P	04 07 49.8	-0.4
LRLAL	comp-Z,14nm,0.6s			Iamb	04 07 48.5	-1.8
OK052	Battle Ridge R	19.89	4	P	04 07 49.5	-1.8
OK052	comp-Z,30nm,1.0s			Iamb	04 07 50.0	
TUL1	Leonard	19.90	7	P	04 07 48.4	-2.1
TUL1	comp-Z,25nm,0.9s			Iamb	04 07 52.8	
TUL1	Leonard	19.90	7	P	04 07 49.4	-1.1
TUL1	comp-Z,188,SNR=7.0			Iamb	04 07 49.2	-1.4
ELIS	Ellis County	19.91	358	P	04 07 49.2	-1.4
ELIS	comp-Z,20nm,1.0s			Iamb	04 07 48.5	-2.1
OK053	SW of W Deep R	19.91	4	P	04 07 50.1	
OK053	comp-Z,26nm,0.9s			Iamb	04 07 49.5	-1.3
OK033	Mehan	19.93	4	P	04 07 49.5	-1.3
OK033	comp-Z,34nm,0.9s			Iamb	04 07 49.5	-1.4
WHAR	Wooly Hollow	19.94	15	P	04 07 49.5	-1.4
WHAR	comp-Z,15nm,0.9s			Iamb	04 07 52.9	+0.5
ANMO	Albuquerque	20.06	341	Pn	04 07 52.9	+0.5
ANMO	comp-Z,0.3nm,0.3s,baz=207,slow=4.5,SNR=16			Lg	04 13 45.3	
ANMO	comp-Z,0.1nm,0.3s,baz=146,slow=7.3,SNR=11.4			LR	04 16 24.5	
ANMO	comp-Z,516nm,18.5s,baz=246,slow=4.0			LR	04 16 24.5	
ANMO	comp-Z,4.7nm,0.7s			P	04 07 52.4	0.0
ANMO	Albuquerque	20.06	341	P	04 07 53.3	+0.9
ANMO	Albuquerque	20.06	341	P	04 07 53.3	+0.9
QUOK	Quay	20.08	4	P	04 07 50.4	-2.0
QUOK	comp-Z,11nm,0.7s			Iamb	04 07 51.2	
OXF	Oxford	20.12	23	P	04 07 51.5	-1.3
OXF	Oxford	20.12	23	P	04 07 51.4	-1.3
OXF	comp-Z,206			P	04 07 52.7	-1.2
U32A	Winter Ranch,	20.22	359	P	04 07 52.7	-1.2
U32A	comp-Z,34nm,0.9s			Iamb	04 07 59.8	
RLO	Rose Lookout	20.25	8	P	04 07 53.5	-0.8
RLO	comp-Z,15nm,0.8s			Iamb	04 07 56.4	
OK050	Pawnee Station	20.28	4	P	04 07 52.9	-1.7
OK046	Pawnee Station	20.29	4	P	04 07 53.0	-1.7
CROK	Carrier	20.35	1	P	04 07 53.4	-1.9
CROK	comp-Z,34nm,1.0s			Iamb	04 08 00.4	
214A	Organ Pipe Nat	20.42	323	P	04 07 57.5	+1.4
214A	Organ Pipe Nat	20.42	323	P	04 07 58.4	+0.2
TIGA	Tifton	20.51	39	P	04 07 55.3	-1.8
TIGA	comp-Z,225			P	04 07 58.6	+1.5
PIX	Pinacete	20.51	321	P	04 07 57.5	-1.7
HHAR	Hobbs	20.54	11	P	04 08 01.5	
HHAR	comp-Z,19nm,1.0s			Iamb	04 07 55.9	-1.6
FCAR	Ozark Folk Cen	20.55	15	P	04 07 55.9	-1.6
FCAR	comp-Z,18nm,1.1s			Iamb	04 08 02.1	
U38A	Gravette	20.62	10	P	04 07 57.2	-1.0
U38A	comp-Z,20nm,0.8s			Iamb	04 08 02.1	
BLOK	Blackwell	20.63	3	P	04 07 56.4	-2.0
Y49A	Blount Mountai	20.83	30	P	04 07 59.0	-1.6
Y49A	comp-Z,20nm,0.8s			Iamb	04 08 00.2	
T35A	Sooner Cattle	20.83	5	P	04 07 58.9	-1.7
LCLAR	Lake Charles	20.98	17	P	04 08 00.7	-1.4
LCLAR	comp-Z,14nm,0.7s			Iamb	04 08 05.7	
X18A	Snowflake	21.01	333	P	04 08 04.0	+1.3
X18A	comp-Z,13nm,0.9s			Iamb	04 08 04.3	+1.6
SFX	San Felipe	21.02	318	P	04 08 00.4	-2.2
X48A	Hartselle	21.03	27	P	04 08 01.9	
X48A	comp-Z,18nm,0.8s			Iamb	04 08 01.4	-1.5
PLAL	Pickwick Lake	21.05	25	P	04 08 06.7	
PLAL	comp-Z,30nm,0.9s			Iamb	04 08 08.1	+0.9
W18A	Petrified Fore	21.42	334	P	04 08 08.6	+1.5
W18A	Petrified Fore	21.42	334	P	04 08 10.2	+1.7
113A	Mohawk Valley,	21.56	323	P	04 08 10.2	+1.7
T25A	Trinidad	21.60	347	P	04 08 11.2	+2.2
T25A	comp-Z,24nm,1.1s			Iamb	04 08 06.6	-2.6
154A	Montrose	21.63	38	P	04 08 23.5	
154A	comp-Z,25nm,0.9s			Iamb	04 08 08.3	-2.4
FPAL	Fort Paine	21.77	30	P	04 08 09.9	
FPAL	comp-Z,25nm,1.0s			Iamb	04 08 10.7	-1.3
T42A	Van Buren	21.90	16	P	04 08 15.2	
T42A	comp-Z,35nm,1.1s			Iamb	04 08 12.2	-0.4
UTMT	University of	21.96	21	P	04 08 12.1	-1.1
HICK	Hickman	22.01	20	P	04 08 14.8	+1.4
V14A	Wickenburg	22.02	326	P	04 08 11.4	-2.0
Y52A	Lilburn	22.02	34	P	04 08 13.3	
Y52A	comp-Z,18nm,0.8s			Iamb	04 08 11.5	-1.8
S39A	Bolivar	22.02	11	P	04 08 15.4	
S39A	comp-Z,21nm,0.8s			Iamb	04 08 12.6	-2.1
WWT	Waverly	22.15	24	P	04 08 14.5	-0.2
WWT	comp-Z,208			P	04 08 12.7	-2.1
X51A	Calhoun	22.16	31	P	04 08 14.1	
X51A	comp-Z,27nm,1.2s			Iamb	04 08 12.5	-2.5
SWET	Sewanee	22.17	28	P	04 08 12.8	-2.7
V48A	Smith Brothers	22.22	26	P	04 08 17.1	
R32A	Long Quarter,	22.25	360	P	04 08 14.9	-1.0
R32A	comp-Z,19nm,0.8s			Iamb	04 08 18.0	
ESJX	Sierra Juarez	22.36	318	P	04 08 19.1	+1.9
GLA	Glamis	22.39	322	P	04 08 18.5	+1.2
GLA	comp-Z,12nm,0.9s			Iamb	04 08 19.4	+2.1
GLA	Glamis	22.39	322	P	04 08 17.5	-0.5
SDCO	Great Sand Dun	22.43	346	P	04 08 18.1	+0.1
SDCO	Great Sand Dun	22.43	346	P	04 08 15.2	-2.7
W50A	Signal Mountai	22.44	30	P	04 08 19.8	+1.4
WUAZ	Wupatki	22.47	332	P	04 08 22.3	
WUAZ	comp-Z,23nm,0.9s			Iamb	04 08 20.7	+2.3
WUAZ	Wupatki	22.47	332	P	04 08 20.7	+2.3
WUAZ	comp-Z,146,SNR=20			Iamb	04 08 20.7	+2.3

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CGM3	Cape Girardeau	22.56	19	P	04 08 18.6	-0.6
T45A	Paducah	22.64	21	P	04 08 19.0	-1.0
GTBY	Quantanamo Bay	22.65	77	P	04 08 18.9	-1.3
CBKS	Cedar Bluff	22.67	358	P	04 08 19.4	-0.8
CBKS	comp-Z,30nm,1.1s			Iamb	04 08 22.5	
CBKS	Cedar Bluff	22.67	358	P	04 08 21.1	+0.8
BLNY	Blythe	22.71	324	P	04 08 22.1	+1.3
CLTC	Cedars of Leba	22.73	26	P	04 08 18.2	-2.7
CLTN	comp-Z,16nm,1.0s			Iamb	04 08 23.2	
S22A	4UR Ranch, Cre	22.77	343	P	04 08 21.6	-0.1
S22A	comp-Z,14nm,1.1s			Iamb	04 08 39.2	
S22A	4UR Ranch, Cre	22.77	343	P	04 08 22.5	+0.8
S22A	comp-Z,159,SNR=12			Iamb	04 08 23.6	+2.1
YUH	Yuha Desert	22.77	320	P	04 08 21.9	0.0
MVCO	Mesa Verde	22.80	339	P	04 08 23.7	
MVCO	comp-Z,28nm,1.1s			Iamb	04 08 22.5	+0.6
MVCO	Mesa Verde	22.80	339	P	04 08 21.1	-0.7
MVCO	comp-Z,154,SNR=19			Iamb	04 08 20.3	-1.6
R40A	Maddies Statio	22.81	13	P	04 08 21.8	-0.1
CCM	Cathedral Cave	22.82	15	P	04 08 21.8	-0.1
CCM	Cathedral Cave	22.83	15	P	04 08 21.8	-0.1
RMX	La Rumorosa	22.84	319	P	04 08 23.8	+1.5
IKP	In-Ko-Pah, Jac	22.89	319	P	04 08 25.0	+2.2
IKP	comp-Z,132			P	04 08 25.0	+2.2
SWSC	Sam W. Stewart	22.90	320	P	04 08 25.0	+2.2
SWSC	comp-Z,133			P	04 08 24.4	+1.7
PDMCI	Parker Dam,Lak	22.91	325	P	04 08 24.4	+1.7
FVM	French Village	22.97	17	P	04 08 22.5	-1.0
FVM	comp-Z,22nm,1.1s			Iamb	04 08 24.2	
KSU1	Kansas State U	23.00	4	P	04 08 23.4	-0.3
CPCT	Cooper Cave	23.02	30	P	04 08 22.3	-1.8
CPCT	comp-Z,13nm,0.9s			Iamb	04 08 23.6	
W52A	Murphy	23.04	32	P	04 08 23.4	-0.8
S44A	Carbondale	23.05	19	P	04 08 23.9	+1.6
KSCO	Kaye Shedlock'	23.11	352	P	04 08 24.5	-0.6
KSCO	Kaye Shedlock'	23.11	352	P	04 08 25.1	+0.1
T47A	Sharon Grove	23.18	24	P	04 08 24.7	-0.9
BC3	Big Chockwall	23.18	322	P	04 08 27.9	+2.1
BC3	comp-Z,135,SNR=5.7			P	04 08 28.2	+1.6
MONP2	Monument Peak	23.25	319	P	04 08 28.2	+1.6
MONP2	comp-Z,132			P	04 08 24.1	-2.7
HODGE	Hodges	23.29	36	P	04 08 27.5	
HODGE	comp-Z,26nm,1.3s			Iamb	04 08 24.5	-2.5
U49A	Red Boiling Sp	23.32	27	P	04 08 28.9	+1.4
IRM	Iron Mountain	23.36	323	P	04 08 28.9	+1.4
IRM	comp-Z,33nm,0.7s			P	04 08 29.6	+1.8
W13A	Husalapi Mount	23.37	327	P	04 08 25.5	-2.2
V51A	Loudon	23.39	30	P	0	

K22A	Casper	27.34 347	P	P	04 09 05.3 +1.2
U59A	Littleton	27.38 39	P	I Amb	04 09 03.1 -1.2
P52A	Corning	27.52 28	P	I Amb	04 09 03.7 -1.8
P52A	Corning	27.52 28	P	I Amb	04 09 08.2
L44A	Lake County Fo	27.58 17	P	P	04 09 06.1 +0.1
ECSD	EROS Data Cent	27.61 3	P	P	04 09 06.3 0.0
ACSO	Alum Creek Sta	27.63 26	P	P	04 09 06.0 -0.5
JFWS	Jewell Farm	27.68 13	P	I Amb	04 09 05.6 -1.3
JFWS	Jewell Farm	27.68 13	P	I Amb	04 09 07.3
JFWS	Jewell Farm	27.68 13	P	P	04 09 06.9 0.0
BGU	Big Grassy Mou	27.73 336	P	P	04 09 07.4 -0.3
HWUT	Hardware Ranch	27.73 339	P	P	04 09 09.1 +0.9
SPUT	South Promonto	27.84 337	P	P	04 09 09.5 +0.9
OMMB	Old Mammoth Mi	28.01 324	P	P	04 09 11.2 +0.9
MDPB	Devils Postpil	28.07 324	P	I Amb	04 09 25.9
NV11	Mina Array Sit	28.13 326	P	P	04 09 12.2 +1.0
SDV	Santo Domingo	28.20 101	P	P	04 09 12.0 -0.1
SDV	Santo Domingo	28.20 101	P	P	04 21 59.3
SDV	Santo Domingo	28.20 101	P	I Amb	04 09 12.2 +0.1
SDV	Santo Domingo	28.20 101	P	I Amb	04 09 15.3
BW06	Boulder Array	28.20 343	P	I Amb	04 09 12.4 +0.5
BW06	Boulder Array	28.20 343	P	I Amb	04 09 17.4
BW06	Boulder Array	28.20 343	P	P	04 09 12.8 +0.9
PD31	Pinedale Array	28.20 343	P	I Amb	04 09 12.3 +0.4
PD31	Pinedale Array	28.20 343	P	I Amb	04 09 17.4
PDAR	Pinedale Array	28.20 343	P	P	04 09 11.8 -0.1
PDAR	Pinedale Array	28.20 343	P	LR	04 21 10.5
PDAR	Pinedale Array	28.20 343	P	P	04 09 11.7 -0.2
NVAR	Mina Array Bea	28.21 326	P	P	04 09 13.5 +1.5
NVAR	Mina Array Bea	28.21 326	P	LR	04 21 59.5
NVAR	Mina Array Bea	28.21 326	P	P	04 09 12.9 +0.9
RSSD	Black Hills	28.33 352	P	P	04 09 13.2 +0.2
RSSD	Black Hills	28.33 352	P	P	04 09 13.6 +0.6
HVU	Hansel Valley	28.38 337	P	I Amb	04 09 14.1 +0.7
HVU	Hansel Valley	28.38 337	P	I Amb	04 09 15.1
OLSK	New Philadelphia	28.43 29	P	P	04 09 12.8 -0.9
EL3A	Elko	28.50 333	LR	LR	04 21 48.7
MCWV	Mont Chateau	28.62 31	P	P	04 09 11.7 -3.7
REDW	Red Top Meadow	29.13 341	I Amb	I Amb	04 09 24.7
SNOW	Snow King Moun	29.19 342	I Amb	I Amb	04 09 32.7
SPMN	Marine on St.	29.46 8	P	P	04 09 21.9 -0.8
EMB	Emerald Bay	29.58 325	P	I Amb	04 09 25.7 +1.5
EMB	Emerald Bay	29.58 325	P	I Amb	04 09 26.9
FLWY	Flagg Ranch	29.74 342	P	P	04 09 26.6 +1.0
RLMT	Red Lodge	30.31 345	P	P	04 09 31.4 +0.8
RLMT	Red Lodge	30.31 345	P	P	04 09 30.9 +0.3
E28A	Huff	30.45 357	P	P	04 09 32.1 +0.5
HLID	Hailey	30.52 337	P	P	04 09 32.9 +0.5
HLID	Hailey	30.52 337	P	P	04 09 33.3 +0.9
ATAH	Atahualpa	30.53 138	LR	LR	04 19 25.8
M55A	Ridgway	30.54 30	P	I Amb	04 09 32.1 -0.3
M55A	Ridgway	30.54 30	P	I Amb	04 09 49.3
F42A	Maple Grove Fa	30.86 14	P	P	04 09 32.7 -2.5
MFID	Camas Ranch	30.95 335	P	P	04 09 36.3 +0.2
MFID	Camas Ranch	30.95 335	P	I Amb	04 09 38.2
WVOR	Wild Horse Val	31.39 331	P	I Amb	04 09 40.7 +0.7
WVOR	Wild Horse Val	31.39 331	P	I Amb	04 09 42.4
BOZ	Bozeman (W)	31.39 342	P	P	04 09 41.2 +1.2
MNDN	Maddock	31.69 359	P	P	04 09 42.6 +0.2
LRM	Limelkin Ridge	31.84 341	P	P	04 09 44.5 +0.3
J08A	Circle Bar Plan	32.03 332	I Amb	I Amb	04 09 45.9 +0.2
J08A	Circle Bar Plan	32.03 332	I Amb	I Amb	04 09 47.9
AGMN	Agassiz Nation	32.20 3	P	P	04 09 46.2 -0.7
PLID	Pearl Lake	32.42 337	P	I Amb	04 09 50.4
PLID	Pearl Lake	32.42 337	P	I Amb	04 09 50.4
HRY	Holter Researc	32.47 343	P	P	04 09 49.7 +0.3
DGMT	Dagmar	32.62 353	P	P	04 09 50.2 -0.4
DGMT	Dagmar	32.62 353	P	P	04 09 51.2 +0.5
YBH	Yreka Blue Hor	32.93 326	LR	LR	04 25 01.1
SADO	Sadova	32.97 26	LR	LR	04 24 29.0
G08A	Pilot Rock	33.78 334	P	I Amb	04 10 01.1 +0.2
G08A	Pilot Rock	33.78 334	P	I Amb	04 10 13.6
ULM	Lac du Bonnet	34.15 3	P	P	04 10 02.2 -1.7
ULM	Lac du Bonnet	34.15 3	P	P	04 25 39.1
L61B	Northampton	34.20 35	P	P	04 10 06.2 +0.1
NNA	Nana	35.23 141	LR	LR	04 22 24.3
NEW	Newport	35.52 339	LR	LR	04 25 53.2
LTY	Liberty	36.06 334	P	P	04 10 21.8 +1.2
FFC	Flin Flon	38.65 357	P	I Amb	04 10 42.0 -0.3
FFC	Flin Flon	38.65 357	P	I Amb	04 10 50.2
ETMB	Extrema	41.10 127	P	P	04 11 05.1 +1.9
FCC	Fort Churchill	42.74 3	P	P	04 11 15.5 -0.4
LPZA	La Paz	44.02 136	P	P	04 11 31.0 +3.4
LPZA	La Paz	44.02 136	P	P	04 28 55.9
RPN	Rapa Nui	44.20 194	LR	LR	04 25 25.7
SCHO	Schefferville	45.77 25	P	P	04 11 39.4 -1.0
SCHO	Schefferville	45.77 25	P	P	04 35 42.0
MDP	Montagnes des	46.36 98	LR	LR	04 31 46.5
YKA	Yellowknife Ar	47.71 350	P	P	04 11 53.6 -1.8
YKA	Yellowknife Ar	47.71 350	P	P	04 34 32.4
DLBC	Dease Lake	48.27 338	LR	LR	04 31 26.5
SIV	San Ignacio	48.85 129	P	P	04 12 07.1 +2.2
SIV	San Ignacio	48.85 129	P	P	04 32 24.3
S32K	Killisnoo	49.31 335	P	P	04 12 08.9 +1.1
S32K	Killisnoo	49.31 335	P	P	04 12 08.9 +1.1
P33M	Teslin, Yukon	50.55 339	P	P	04 12 18.6 +1.3
SKAG	Skagway	50.94 337	P	P	04 12 21.5 +1.3
N32M	Quit Lake	51.31 339	P	P	04 12 23.9 +0.8
PLBC	Pleasant Camp	51.33 336	P	P	04 12 24.6 +1.4
FRB	Frubisher Bay	51.92 16	LR	LR	04 37 28.6
P30M	Million Dollar	52.00 337	P	P	04 12 29.6 +1.4
O30N	Mendenhall	52.10 338	P	P	04 12 30.3 +1.3
FARO	Faro, Yukon	52.18 340	P	P	04 12 30.3 +0.8
N31M	Braeburn, Yuko	52.48 339	P	P	04 12 32.9 +1.2
H03N2	Juan Fernandez	52.70 159	T	T	05 09 19.9
H03N1	Juan Fernandez	52.71 159	T	T	05 09 21.1
H03N3	Juan Fernandez	52.72 159	T	T	05 09 20.1
M29N	Somme Creek	54.06 338	P	P	04 12 44.8 +1.3
YUK3	Moose Creek	54.37 337	P	P	04 12 47.1 +1.2
L29M	L29M	54.38 339	P	P	04 12 46.6 +0.9
K29M	Barlow Dome	54.67 340	P	P	04 12 48.9 +1.0
BVCY	Beaver Creek	54.91 338	P	P	04 12 50.5 +1.0
MCARA	McCarthy VSAT	55.12 336	P	P	04 12 51.6 +0.6
M27K	Edge Creek, AK	55.26 337	P	P	04 12 52.7 +0.7
DAWY	Dawson	55.44 340	P	P	04 12 54.1 +0.8
BCAR	Beaver Creek A	55.65 338	P	P	04 12 55.0 +0.2
CFA	Coronel Fontan	55.65 149	LR	LR	04 31 43.0
L27K	Beaver Creek,	55.66 338	P	P	04 12 56.2 +1.3
M26K	Nabesna, AK	55.70 337	P	P	04 12 56.1 +0.9
EYAK	Cordova Ski Ar	55.78 334	P	P	04 12 57.1 +1.4
F31M	Tsilgheitchik	56.13 344	P	P	04 12 58.5 +0.3
EPYK	Eagle Plains	56.16 343	P	P	04 12 59.0 +0.5
L26K	Log Cabin Wild	56.20 337	P	P	04 12 59.9 +1.1
P23K	Montague Islan	56.21 333	P	P	04 13 00.5 +1.7
K27K	Chicken	56.34 339	P	P	04 13 01.0 +1.3
KLU	Klutina	56.35 335	P	P	04 13 01.0 +1.1
G30M	toah Zraii Nji	56.46 343	P	P	04 13 01.7 +1.2
EGAK	Eagle	56.49 340	P	I Amb	04 13 01.0 +0.3
EGAK	Eagle	56.49 340	P	I Amb	04 13 06.5
EGAK	Eagle	56.49 340	P	P	04 13 01.0 +0.3
HARP	HAARP	56.53 336	P	P	04 13 01.5 +0.3
INK	Inuvik	56.73 345	P	I Amb	04 13 02.6 +0.3
INK	Inuvik	56.73 345	P	I Amb	04 13 03.5
INK	Inuvik	56.73 345	P	P	04 13 02.8 +0.4
M24K	Tolsona, Glenn	56.77 335	P	P	04 13 03.2 +0.3
DOT	Dot Lake	56.82 338	P	I Amb	04 13 04.1 +0.9
DOT	Dot Lake	56.82 338	P	I Amb	04 13 10.5
PAX	Paxson	56.97 337	P	I Amb	04 13 04.9 +0.6
PAX	Paxson	56.97 337	P	I Amb	04 13 04.6
PAX	Paxson	56.97 337	P	P	04 13 04.5 +0.2
SCRK	Sand Creek	56.98 338	P	I Amb	04 13 06.0 +1.5
SCRK	Sand Creek	56.98 338	P	I Amb	04 13 10.9
SCRK	Sand Creek	56.98 338	P	P	04 13 05.4 +1.0
J26L	Joseph Creek	57.14 339	P	P	04 13 06.5 +0.9
J26L	Joseph Creek	57.14 339	P	P	04 13 06.6 +1.3
I27K	Kandik River	57.16 340	P	P	04 13 05.8 +0.2
RIDG	Independent Ri	57.16 338	P	P	04 13 06.3 +0.6
RIDG	Independent Ri	57.16 338	P	P	04 13 06.0 +0.4
O22K	Cooper Landing	57.46 333	P	P	04 13 08.0 +0.4
I26K	Coal Creek Min	57.48 340	P	P	04 13 08.0 +0.2
H27K	Steamboat Moun	57.52 341	P	P	04 13 08.6 +0.4
K24K	Donnelly Dome	57.54 337	P	P	04 13 09.0 +0.7
KD4K	Kodiak Island	57.64 329	LR	LR	04 36 58.9
GHO	Glory Hole Cre	57.73 334	P	P	04 13 09.9 +0.2
PMR	Palmer	57.73 334	P	P	04 13 09.6 +0.1
RC01	Rabbit Creek A	57.74 333	P	P	04 13 10.0 +0.3
OHAK	Old Harbor	57.78 328	P	P	04 13 10.5 +0.6
G27K	Doyon Strip	57.93 341	P	P	04 13 10.7 -0.3
A36M	Sachs Harbour	58.06 351	P	I Amb	04 13 11.1 -0.7
A36M	Sachs Harbour	58.06 351	P	I Amb	04 13 11.7
A36M	Sachs Harbour	58.06 351	P	P	04 13 11.2 -0.5
CAPN	Captain Cook N	58.22 333	P	P	04 13 13.4 +0.4
M22K	Willow	58.22 334	P	P	04 13 12.9 -0.1
HDA	Harding Lake	58.30 338	P	I Amb	04 13 13.8 +0.2
HDA	Harding Lake	58.30 338	P	I Amb	04 13 14.4
HDA	Harding Lake	58.30 338	P	P	04 13 14.0 +0.4
SUA	Susitna One	58.35 334	P	P	04 13 14.5 +0.4
SUA	Susitna One	58.35 334	P	P	04 13 14.9 +0.8
PRP	Porcupine Dome	58.41 339	P	I Amb	04 13 14.5 0.0
PRP	Porcupine Dome	58.41 339	P	I Amb	04 13 15.6
PRP	Porcupine Dome	58.41 339	P	P	04 13 15.0 +0.6
IL03	Eielson Array	58.46 338	P	P	04 13 14.2 -0.5
IL31	Eielson Array	58.48 338	P	P	04 13 14.4 -0.3
ILAR	Eielson Array	58.48 338	P	P	04 13 14.6 -0.2
ILAR	Eielson Array	58.48 338	P		

12d 5h

Table with columns: BILL, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bilibino, Spitsbergen Ar, Soneca Array, MDT, NOA, ARCES, MA2, HFS, TIXI, DAVOX, FINES, GERES, YAK, VRAC, AKASG, NJ2, WRA, ASAR, PZH.

NEIC 12 04:12:52.1±2.1, 16.00N±0.03-98.63W±0.02, h21km, 8km, mb4.1/1.1, Md4.2/70(MEX), Error ellipse: s-maj=4.2km s-min=1.8km az=193.0

IDC 12 04:12:54.0±1.3, 15.95N±0.04-98.64W±0.02, h9km, 9km, mb3.4/3, mbmp3.2/4, ML3.3/1, Error ellipse: s-maj=157.4km s-min=132.3km az=24.0

MEX 12 04:12:55.0±0.6, 16.04N±98.65W, h16km, 3km, MD4.2

ISC 12 04:12:47.9±1.3, 15.95N±0.04-98.64W±0.02, h9km, 9km, mb2.1±0.7, Off coast of Guerrero

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations across the region.

2017 MAR

Main station list table for 2017 MAR with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like MMIG, PCIG, KASJ, etc.

650

Main station list table for 650 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like CGJI, KASJ, LWLI, etc.

IDC 12 05:04:34.8±2.1, 2.48N±127.98E, h0km, mb3.4/3, mbmp3.4/3, MS3.4/1, Error ellipse: s-maj=136.3km s-min=26.5km az=67.0, Northern Molucca Sea

UCR 12 05:06:26.7±1.6, 8.49N±82.76W, h3km, 7km, MW3.9

UPA 12 05:06:27.8±0.5, 8.65N±82.78W, h14km, 2km, MW3.6

ISC 12 05:06:28.1±0.9, 8.61N±0.03-82.77W±0.03, h17km, 6km, n22, c0976/37, C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like WRA, ASAR, MKAR.

IDC 12 05:07:14.7±3.4, 6.49N±147.86E, h0km, mb3.6/1, mbmp3.5/3, ML3.4/1, MS3.3/5, Error ellipse: s-maj=89.3km s-min=35.5km az=100.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like BRU2, LESP3, BC3P, etc.

IDC 12 04:31:35.8±3.5, 6.44S±148.02E, h0km, mb3.3/1, mbmp3.2/3, ML3.3/1, Error ellipse: s-maj=96.2km s-min=36.2km az=102.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like PMG, KRVT, HNR, etc.

IDC 12 04:38:55.9±4.4, 6.50S±154.67E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=145.8km s-min=32.1km az=112.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like WRA, ASAR, TORO, etc.

WEL 12 05:48:02.2±1.1, 40°S±174°E±, h93km, 9km, M3.2/14, ML3.5/15, MLV3.2/14, Error ellipse: s-maj=0.0km s-min=0.0km az=87.6, confirmed, Cook Strait

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like NMEZ, LREZ, KHEZ, etc.

DJA 12 04:40:01.4±0.9, 7°S±110°4E±, h90km, 24km, M4.1/7, mb4.5/1, MLV3.9/7
IDC 12 04:40:07.3±12.0, 5°88S±104°06E, h0km, mb3.9/3, mbmp3.9/3, Error ellipse: s-maj=248.3km s-min=169.1km az=180.0
ISC 12 04:40:00.7±3.8, 7°12S±110°104E±0.09, h20km, 23km, n12, c1975/17, mb3.9/3, Southwest of Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include FWVZ, WHVZ, QRZ, TOWZ, TUWZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AS31, ASAR, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include T1216, T1216, CSP1, CSP1, etc.

IDC 12 05:48:50.5:6.4, 1.82N-99.04E, h145km, 56km, mb3.8/17, mbmp4.2/18, Error ellipse: s-maj=27.1km s-min=12.7km az=55.0

DJA 12 05:48:50.5:0.3, 2.2N-99.9E, h139km, 5km, M4.6/17, mb4.7/7, mB5.0/7, MLV4.7/17, Mw/MB4.4/7

NEIC 12 05:48:51.5:1.3, 1.96N, 0.06E-98.99E, 0.06, h141km, 6km, mb4.5/33, Error ellipse: s-maj=9.9km s-min=8.3km az=110.0

ISC 12 05:48:51.4:0.4, 1.92N, 0.05E-99.01E, 0.05, h130km, n102, o154/115, mb4.3/37, Northern Sumatera

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include T1212, T1212, T1212, T1212, etc.

ROM 12 06:08:54.5:0.1, 4.33046N, 0.00612999E, 0.007, h9km, ML1.5/14, 9C-3D, Error ellipse: s-maj=0.7km s-min=0.4km az=33.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TOL2, TOL2, TNCH, TNCH, etc.

ROM 12 06:08:54.5:0.1, 4.33046N, 0.00612999E, 0.007, h9km, ML1.5/14, 9C-3D, Error ellipse: s-maj=0.8km s-min=0.4km az=32.0, Central Italy

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

ROM 12 06:09:32.5:0.1, 4.33048N, 0.00613001E, 0.006, h9km, ML1.5/14, 9C-3D, Error ellipse: s-maj=0.7km s-min=0.4km az=33.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include T1219, T1219, FDMO, FDMO, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ETMB, RPN, ARAG, CZSB, etc.

ROM 12 07:59:19.5-0.1, 42.797N-0.004-13.200E-0.006, h9km, ML1.6/3, 1C-1D, Error ellipse: s-maj=0.5km s-min=0.3km az=333.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like T1214, T1212, T1216, etc.

ROM 12 08:00:10.9-0.0, 43.019N-0.002-13.113E-0.003, h9km, ML1.5/6, 1D, Error ellipse: s-maj=0.2km s-min=0.1km az=63.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like T1219, T1219, T1219, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CSP1, MC2, T1216, etc.

NOU 12 08:16:03.7, 42.04S-174.54E, h13km, MLv4.0/10, Off E. Coast of S. Island, N.Z.

WEL 12 08:16:04.9-0.5, 42.53S-17.4E, h11km, 4km, M3/2.14, s-min=0.0km az=152.8, confirmed

ISC 12 08:16:04.0-1.1, 41.92S-0.003-174.33E-0.003, h10km, 8km, n89, r122/10, Cook Strait

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

Table with columns: ETAZ, RVAZ, East Tamaki Re, 4.98, 6, P, Pn, 08 17 20.8 +2.0, 08 17 24.2 +3.2

FUNUV 12 08:31:36.6, 8.33N-72.15W, h6km, MW2.7, RSNIC 12 08:31:39.3-1.0, 7.47N-72.01W, h0km, 7km, ML2.0

ISC 12 08:31:36.3-1.0, 7.59N-0.06-71.95W-0.03, h33km, 10km, n10, r151/18, 1D, Venezuela

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

IDC 12 08:32:42.9-0.6, 15.75S-67.23E, h0km, mb4.1/17, mbmp4.1/17, Error ellipse: s-maj=21.3km s-min=17.1km az=155.0

NEIC 12 08:32:45.2-1.4, 15.85S-0.1-67.2E-0.1, h10km, 1km, mb4.5/24, Error ellipse: s-maj=23.9km s-min=19.3km az=227.0

ISC 12 08:32:44.5-0.6, 15.85S-0.1-67.24E-0.09, h10km, n52, r0567/46, mb4.3/26, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H08S1, H08S2, H08S3, etc.

Table of station data for the left column, including station codes (e.g., F24K, MLY), names (e.g., Squaw Lake, Manley), coordinates, and other parameters.

Table of station data for the middle column, including station codes (e.g., NRIK, AKASO), names (e.g., Nori'sk, Malin Array Be), coordinates, and other parameters.

NOU 12 09:23:00.9, 37.85S, 177.62E, h74km, MLv4.7/14, Off E.

WEL 12 09:23:00.3, 37.79S, 177.55E, h56km, ML4.2, Mw4.4.

Moment Tensor Solution, s5 Moment tensor: Scale 1015 Nm; Mn: 2.74; Mw: -0.13; Ms: 2.62; Mo: 6.65; Mv: -0.81; Mx: 3.64; Fault plane solution: M6.40000:1015 NP1; phi: 2.00000; delta: 0.00000; lambda: 100.00000; NP2: phi: 1.00000; delta: 0.00000; lambda: 87.00000; Principal axes: T -468.2400, Pg64.0000, Azm76.0000; N 8.8800, P1g3.0000, Azm12.0000; P 459.3600, P1g26.0000, Azm104.0000.

WEL 12 09:23:02.9, 0.3, 38.8 S, 3 x 17.8 E, h28km, 3km, M4.2/4.8, ML4.4/5.48, MLv4.2/4.8, Error ellipse: s-maj=0.0km

NEIC 12 09:23:02.6, 1.6, 37.84S, 177.61E, h64km, 8km, mb4.8/2.4, Error ellipse: s-maj=6.7km s-min=6.2km az=100.0

IDC 12 09:23:02.4, 1.5, 38.06S, 177.61E, h64km, 8km, mb4.3/4, mbtmp4.5/5, MS3.6/7, Error ellipse: s-maj=30.9km s-min=24.3km az=121.0

ISC 12 09:23:02.9, 0.5, 37.81S, 177.57E, 0.003, h56km, 3km, n212, e1549/2274, m74/17, MS3.5/6, Off east of station

Table of station data for the middle column, including station codes (e.g., Code, Station Name), coordinates (Delta, Azimuth), phase ID, and other parameters.

Table of station data for the right column, including station codes (e.g., DRZ, WNVZ), names (e.g., Dome Shelter, Wahiona), coordinates, and other parameters.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MGCD Mangrove Creek, RIV Riverview, SYDH Sydney Hard Rock, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MTN Manton Dam, WRKA Warakuna, KNRA Kununurra, SAUI Saumlaki, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KKM Kota Kinabalu, ABPP Abucay Bataan, JOW Kunigami, etc.

12d 10h

2017 MAR

Table with columns for station ID, name, elevation, and various performance metrics (PP, ScS, SS, pmax, pmax).

Table with columns for station ID, name, elevation, and various performance metrics (SRIT, SURA, CAPN, P23K, HNS, KNB, LYN, NONG, M19K, HEH, ENH, ENH, WUAZ, L19K, R19K, M20K, ELK, BJI, PWL, AY01, G08A, GYA, L20K, TTA, EYAK, M22K, PMR, TROLL, ANM, SIT, U33K, V35K, W18A, SML, SNA, CUT, M23K, 121A, 121A, PPLA, S31K, K20K, SCM, VNA3, KLU, DRAG, SEY, SEY, LL02, T33K, PNL, TNA, PINM, CAST).

Table with columns for station ID, name, elevation, and various performance metrics (VNA2, NVL, N25K, N25K, KIDD, M24K, GLB, Q16A, VNA1, TMUT, CHUM, TRF, CTG, GCSA, MPU, XAN, XAN, XAN, XAN, HLID, O28M, HARP, O29M, PLBC, SRU, SRU, Y22A, BPWA, Y22D, Y22D, Y22F, MNTX, MNTX, MCK, MCK, MCK, MCK, T35M, P30M, PAX, SKAG, YUK8, M26K, M26K, M26K, M27K, M27K, MENT, KMI, KMI, KMI, YUK4, NEW, NEW, NEW, ANMO, ANMO, ANMO, ANMO, I21K, I21K, NEA2, P32M, K24K, Q32M).

BVCY	Beaver Creek	89.16	17	P	P	10 21 29.6 +0.2
MLY	Manley	89.16	12	P	PP	10 21 28.2 -1.1
WRH	Wood River Hill	89.19	13	P	I Amb	10 21 28.5 -0.9
GO06	Curarehue	89.21	133	P	I Amb	10 21 29.0 +1.6
O30N	Mendhall	89.24	20	P	P	10 21 29.7 -0.1
RIDG	Independent Ri	89.27	15	P	P	10 21 29.5 -0.5
PLCA	Paso Flores	89.29	134	P	P	10 21 32.2 +1.4
PLCA	Paso Flores	89.29	134	P	I Amb	10 21 31.6 +0.8
PLCA	Paso Flores	89.29	134	P	P	10 21 31.6 +0.8
H2C	Hu-ho-hao-te	89.36	315	eP	S	10 21 31.3 +0.4
HHC				S	SKS	10 31 03.6 -1.1
HHC				S	SKS	10 31 34.9 +0.9
H21K	Melozitna Rive	89.36	11	P	P	10 21 29.2 -1.0
H21K	Melozitna Rive	89.36	11	P	P	10 21 29.8 -0.5
HDA	Harding Lake	89.38	13	P	I Amb	10 21 29.9 -0.5
HDA	Harding Lake	89.38	13	P	I Amb	10 21 30.4
HDA	Harding Lake	89.38	13	P	P	10 21 30.0 -0.3
CCB	Clear Creek Bu	89.41	13	P	P	10 21 29.3 -1.1
CMAR	Chiang Mai Arr	89.43	290	P	P	10 21 33.0 +1.3
CMAR	Chiang Mai Arr	89.43	290	P	P	10 23 40.6 +1.3
CMAR	Chiang Mai Arr	89.43	290	P	P	10 25 13.8 -0.5
CMAR	Chiang Mai Arr	89.43	290	P	P	10 39 03.8 +0.8
L27K	Beaver Creek	89.44	16	P	P	10 21 30.9 +0.2
L27K	Beaver Creek	89.44	16	P	P	10 21 30.4 -0.4
BCAR	Beaver Creek A	89.46	16	P	P	10 21 31.2 +0.4
N30M	Aishikik Lake	89.47	19	P	P	10 21 31.0 +0.1
IMAR	Indian Mountai	89.50	10	P	P	10 21 30.4 -0.4
I23K	Minto, Yukon-K	89.52	13	P	P	10 21 30.1 -0.8
DLBC	Dease Lake	89.57	23	P	P	10 21 32.0 +0.5
DLBC	Dease Lake	89.57	23	P	P	10 21 30.9 -0.6
MDM	Murphy Dome	89.59	13	P	I Amb	10 21 30.0 -1.3
MDM	Murphy Dome	89.59	13	P	I Amb	10 21 31.2
TCOL	CIGO, UAF Yank	89.59	13	P	P	10 21 30.1 -1.1
COLA	College	89.59	13	P	P	10 21 30.6 -0.7
COLA	College	89.59	13	P	P	10 21 29.4 -1.9
COLA	College	89.59	13	P	P	10 21 29.9 -1.3
AHID	Auburn Hatcher	89.61	43	P	I Amb	10 21 33.0 +0.8
AHID	Auburn Hatcher	89.61	43	P	I Amb	10 21 34.5
SCRK	Sand Creek	89.68	15	P	P	10 21 31.2 -0.7
IL31		89.71	13	P	I Amb	10 21 30.7 -1.1
ILAR	Eielson Array	89.71	13	P	P	10 21 30.8 -1.1
ILAR	Eielson Array	89.71	13	P	P	10 23 40.7 +0.5
ILAR	Eielson Array	89.71	13	P	P	10 26 23.2 -1.1
ILAR	Eielson Array	89.71	13	P	P	10 38 58.5 -1.2
ILAR	Eielson Array	89.71	13	P	P	10 21 31.2 -0.6
ILAR	Eielson Array	89.71	13	P	P	10 21 31.2 -0.6
H22K	Ishlaltina Cre	89.83	11	P	P	10 21 32.6 +0.2
M29M	Somme Creek	89.85	18	P	P	10 21 32.3 -0.4
P33M	Teslin, Yukon	89.88	21	P	P	10 21 32.7 -0.1
N31M	Braeburn, Yuko	89.89	19	P	P	10 21 33.0 +0.2
P0KR	Poker Plat Res	89.89	13	P	P	10 21 31.6 -1.1
MSO	Missoula	89.99	39	P	P	10 21 33.4 -0.4
G21K	Attakaket	90.03	10	P	P	10 21 32.8 -0.5
S22A	4UR Ranch, Cre	90.05	49	P	P	10 21 34.9 +0.5
BILL	Bilibino	90.08	355	P	P	10 21 33.3 -0.2
BILL	Bilibino	90.08	355	P	P	10 21 32.6 -0.9
BILL	Bilibino	90.08	355	P	P	10 23 42.9 +1.2
BILL	Bilibino	90.08	355	P	P	10 25 15.9
BILL	Bilibino	90.08	355	P	P	10 27 19.3
H23K	Yukon River	90.10	12	P	P	10 21 32.9 -0.8
K27K	Chicken	90.18	15	P	I Amb	10 21 34.3 +0.3
K27K	Chicken	90.18	15	P	I Amb	10 21 35.4
K27K	Chicken	90.18	15	P	P	10 21 34.5 +0.5
O20A	White River Ci	90.19	46	P	P	10 21 35.0 0.0
J26L	Joseph Creek	90.22	15	P	P	10 21 34.4 0.0
PZH	PanZhiHua	90.25	298	P	P	10 21 36.2 +0.8
RDOG	Red Dog Mine	90.27	6	P	P	10 21 34.2 -0.2
M30M	Minto, Yukon	90.43	18	P	P	10 21 35.2 -0.1
H24K	Noodor Dome	90.44	12	P	P	10 21 35.5 +0.2
L29M	Boulder Array	90.47	17	P	P	10 21 35.5 0.0
BW06	Boulder Array	90.59	44	P	P	10 21 36.6 -0.2
PDAR	Pinedale Array	90.59	44	P	P	10 21 36.9 +0.1
PDAR	Pinedale Array	90.59	44	P	P	10 39 00.1 -1.2
PDAR	Pinedale Array	90.59	44	P	P	10 21 36.5 -0.3
PRP	Porcupine Dome	90.64	13	P	P	10 21 35.3 -1.0
F21K	Alatina River	90.68	10	P	P	10 21 36.5 +0.2
BOZ	Bozeman (W)	90.72	40	P	P	10 21 36.6 -0.5
G22K	Bettles	90.73	11	P	P	10 21 36.3 -0.2
H17A	Grant Village	90.75	42	P	P	10 21 38.6 +1.1
G23K	Bananza Creek	90.80	11	P	P	10 21 36.6 -0.3
M31M	Drury Creek, Y	90.86	19	P	P	10 21 37.0 -0.3
DAWY	Dawson	90.90	16	P	P	10 21 37.5 +0.1
SDCO	Great Sand Dun	90.98	50	P	P	10 21 38.4 -0.3

SDCO	Great Sand Dun	90.98	50	P	P	10 21 38.9 +0.1
I26K	Coal Creek Min	90.99	14	P	P	10 21 37.3 -0.4
EGAK	Edgemoor	91.03	15	P	P	10 21 37.9 -0.1
F22K	John River	91.15	10	P	P	10 21 38.1 -0.4
K29M	Barlow Dome	91.22	17	P	P	10 21 38.8 -0.2
COLD	Coldfoot	91.23	11	P	P	10 21 38.7 -0.2
G24K	Hadzenczic Riv	91.27	12	P	P	10 21 38.4 -0.7
MSTX	Muleshoe	91.32	54	P	P	10 21 40.1 -0.1
MSTX	Muleshoe	91.32	54	P	P	10 21 40.3 +0.1
MAYO	Mayo, Yukon	91.48	18	P	P	10 21 40.2 +0.1
T25A	Trinidad	91.49	50	P	P	10 21 40.8 -0.2
H29C	Klondike Camp	91.52	17	P	P	10 21 40.4 +0.1
I27K	Kandik River	91.60	15	P	P	10 21 40.0 -0.7
833A	Chaparral WMA	91.63	60	P	P	10 21 42.0 +0.4
833A	Chaparral WMA	91.63	60	P	P	10 21 42.2 +0.6
Q24A	Divide	91.77	49	P	P	10 21 42.2 -0.3
E22K	Anaktuvuk Pass	91.78	10	P	P	10 21 41.3 -0.2
ISCO	Idaho Springs	91.83	48	P	P	10 21 42.8 +0.1
ISCO	Idaho Springs	91.83	48	P	P	10 21 43.4 +0.7
F24K	Squaw Lake	91.91	12	P	P	10 21 42.8 +0.8
RLMT	Red Lodge	91.92	42	P	P	10 21 43.3 +0.5
MT01	Popeta	92.02	128	P	P	10 21 43.7 +0.3
E23K	Chandalar	92.08	11	P	P	10 21 42.9 +0.1
N23A	Red Feather La	92.09	47	P	P	10 21 43.7 -0.1
H27K	Steamboat Moun	92.14	14	P	P	10 21 42.9 -0.2
JCT	Junction City	92.17	58	P	P	10 21 44.2 0.0
JCT	Junction City	92.17	58	P	P	10 21 44.1 0.0
I29M	OGilvie Camp,	92.22	16	P	P	10 21 43.1 -0.3
G26K	Porcupine Rive	92.24	13	P	P	10 21 43.7 +0.2
E24K	Your Creek	92.29	11	P	P	10 21 44.4 +0.6
TNCH	TengChong	92.34	296	P	P	10 21 46.2 +1.1
TNCH	TengChong	92.34	296	P	P	10 23 53.1 -0.1
TNCH	TengChong	92.34	296	P	P	10 24 53.3 +1.3
TNCH	TengChong	92.34	296	P	P	10 31 22.8 +0.5
TNCH	TengChong	92.34	296	P	P	10 32 03.2 +3.5
TNCH	TengChong	92.34	296	P	P	10 32 03.2 +3.5
F25K	Christian River	92.41	12	P	P	10 21 44.9 +0.6
BMAR	Burnt Mountain	92.48	13	P	P	10 21 44.7 +0.1
K22A	Casper	92.51	45	P	P	10 21 45.0 -0.5
K22A	Casper	92.51	45	P	P	10 21 45.6 +0.1
AMTX	Amarillo	92.53	53	P	P	10 21 45.6 -0.1
AMTX	Amarillo	92.53	53	P	P	10 21 45.9 +0.2
LZH	Lanzhou	92.58	308	P	P	10 21 47.2 +1.2
LZH	Lanzhou	92.58	308	P	P	10 24 00.6 +2.0
LZH	Lanzhou	92.58	308	P	P	10 31 19.6 -3.3
LZH	Lanzhou	92.58	308	P	P	10 32 06.0 +4.8
LZH	Lanzhou	92.58	308	P	P	10 35 44.1 -6.9
LZH	Lanzhou	92.58	308	P	P	10 35 44.1 -6.9
D23K	Nanushuk River	92.72	10	P	P	10 21 46.4 +0.8
F26K	Sheenik River	92.80	13	P	P	10 21 46.9 +0.8
E25K	Arctic Village	92.88	12	P	P	10 21 47.2 +0.7
KOTAN	Kotaneleele Air	92.98	24	P	P	10 21 48.0 +1.0
EGMT	Eqaleton	93.05	39	P	P	10 21 48.0 +0.0
735A	Kenedy	93.12	60	P	P	10 21 50.0 +1.6
ABTX	Abilene, Hawle	93.16	56	P	P	10 21 48.1 -0.4
ABTX	Abilene, Hawle	93.16	56	P	P	10 21 48.8 +0.3
D24K	Happy Valley	93.19	10	P	P	10 21 48.6 +0.8
EPYK	Eagle Plains	93.42	16	P	P	10 21 49.0 +0.1
KSCO	Kaye Shedlock	93.56	49	P	P	10 21 50.3 -0.1
KSCO	Kaye Shedlock	93.56	49	P	P	10 21 50.9 +0.5
E24K	Franklin Bluff	93.71	10	P	P	10 21 49.9 -0.2
C27K	Coleen River	93.74	13	P	P	10 21 50.4 0.0
D25K	Kavik River	93.76	11	P	P	10 21 50.0 -0.4
G30M	Aach, Zraii Nji	94.02	16	P	P	10 21 50.8 -0.9
435B	Jarrell	94.05	59	P	P	10 21 52.9 +0.3
A21K	Barrow	94.07	7	P	P	10 21 51.6 -0.1
C27K	Jago River	94.52	12	P	P	10 21 54.2 +0.4
LAO	LASA Array	94.54	41	P	P	10 21 54.6 +0.1
LAO	LASA Array	94.54	41	P	P	10 21 55.7 +1.2
C26K	Camden Bay	94.54	11	P	P	10 21 54.8 +0.9
WMOK	Wichita Mounta	94.65	55	P	P	10 21 55.2 -0.1
WMOK	Wichita Mounta	94.65	55	P	P	10 21 55.4 +0.2
RSSD	Black Hills	94.79	44	P	I Amb	10 21 54.9 -1.0
RSSD	Black Hills	94.79	44	P	I Amb	10 21 57.9
RSSD	Black Hills	94.79	44	P	P	10 21 54.9 -1.0
RSSD	Black Hills	94.79	44	P	P	10 21 55.7 -0.2
RSSD	Black Hills	94.79	44	P	P	10 21 55.7 -0.2
F31M	Tsigithechic	95.00	16	P	P	10 21 56.4 +0.5
Z35A	Perchaven, San	95.28	56	P	P	10 21 58.5 +0.4
ULN	Ulaanbaatar	95.50	320	P	P	10 21 58.3 -0.7
CBKS	Cedar Bluff	95.54	51	P	P	10 21 59.6 +0.3
CBKS	Cedar Bluff	95.54	51	P	P	10 21 60.0 +0.8
INK	Inuvik	95.70	16	P	P	10 21 58.1 -1.0
INK	Inuvik	95.70	16	P	P	10 21 60.0 +0.9
SONM	Songino Array	95.89	319	P	P	10 22 00.8 +0.1
SONM	Songino Array	95.89	319	P	P	10 24 10.6 +1.4
SONM	Songino Array	95.89	319	P	P	10 26 00.8 -2.9

SONM	Songino Array	95.89	319	P	P	10 21 38.9 +0.1
SONM	Songino Array	95.89	319	P	P	10 21 37.3 -0.4
SONM	Songino Array	95.89	319	P	P	10 21 37.9 -0.1
R32A	Long Quarter,	96.13	51	P	P	10 22 02.2 +0.3
DGMT	Dagmar	96.55	40	P	P	10 22 04.2 +0.7
DGMT	Dagmar	96.55	40	P	P	10 22 04.2 +0.7
NATX	Nacogdoches	96.73	59	P	P	10 22 05.3 +0.6
TUL1	Leonard	97.36	54	P	P	10 22 08.0 +0.7
BGNE	Belgrade	97.66	49	P	P	10 22 09.8 +1.2
K31A	O'Neill	97.70	47	P	P	10 22 10.0 +1.2
KSU1	Kansas State U	97.91	51	P	P	10 22 09.8 +0.1
KSU1	Kansas State U	97.91	51	P	P	10 22 11.0 +1.2
YKA	Yellowknife Ar	98.05	25	P	P	10 22 09.5 -0.3
YKA	Yellowknife Ar	98.05	2			

Table with columns for name, coordinates, and various codes. Includes entries like OBN, KMBF, RAFA, etc.

Table with columns for name, coordinates, and various codes. Includes entries like MMAI, GHRR, BUROR, etc.

Table with columns for name, coordinates, and various codes. Includes entries like PRU, PRU, PRU, etc.

NVS	Novosibirsk	1.40	35	PG	Pn	11 50 59.0	-1.1	BRZS	Berezniki	30nm,0.6s	6.79 240	ePg	Pn	11 52 18.1	+3.9	16nm,0.9s	USP	Ospenovka	11.52 208	P	Pn	11 53 17.3	-1.7
NVSII	Novosibirsk	1.40	35	PG	Pn	11 51 19.1		BRZS	Boroyove Array	60nm,0.7s		eLg	Lg	11 53 36.4		SNR=19	TKM2	Tokmak 2	11.56 204	P	Pn	11 53 20.9	+1.2
NVSII	Novosibirsk	1.40	35	PG	Pn	11 51 19.1		BVAO	Boroyove Array	64nm,0.7s	6.89 269	PG	Pn	11 52 15.9	+0.3	SNR=17	TKM2	Tokmak 2	11.56 204	PG	Pn	11 53 18.9	-0.8
NVSII	Novosibirsk	1.40	35	PG	Pn	11 51 19.1		BVAO	Boroyove Array	64nm,0.7s	6.89 269	PG	Pn	11 52 15.9	+0.3	5.8nm,0.7s	TKM2	Tokmak 2	11.56 204	PG	Pn	11 53 18.9	-0.8
ZAAO	Zalesovo Array	1.78	81	Pn	Pn	11 51 05.2	-0.1	BVAO	Boroyove Array	46nm,0.5s	baz=85,slow=26,SNR=15	Sn	Sn	11 53 34.4	+0.5		TKM2	Tokmak 2		PG	Lg	11 56 42.5	
ZAAO	Zalesovo Array	1.78	81	PG	Pn	11 51 05.1	-0.1	BVAO	Boroyove Array	68nm,0.9s	baz=77,slow=24,SNR=8	PG	Lg	11 54 19.4		86nm,0.8s	TKM2	Tokmak 2	11.56 204	P	Pn	11 53 18.9	-0.8
ZAAO	Zalesovo Array	1.78	81	PG	Pn	11 51 05.1	-0.1	BVAO	Boroyove Array	68nm,0.9s	baz=77,slow=24,SNR=8	PG	Lg	11 54 19.4		SNR=6.2	KBK	Karakaybulak	11.97 205	P	Pn	11 53 25.9	+0.6
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 53 34.4	+0.5		AAK	Ala-Archa	12.10 207	P	Pn	11 53 28.7	+1.6	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 18.7	+3.1	SNR=11	AAK	Ala-Archa	12.10 207	P	Pn	11 53 25.5	-1.6	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 53 34.2	+0.3	1.7nm,0.3s,baz=67,slow=4.4,SNR=32	AAK	Ala-Archa	12.10 207	P	Pn	11 53 34.2	+0.3	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 54 17.1		0.4nm,0.3s,baz=330,slow=21,SNR=2.3	AAK	Ala-Archa	12.10 207	P	Pn	11 56 56.8		
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 55 20.2		0.8nm,0.3s,baz=265,slow=15,SNR=6.4	AAK	Ala-Archa	12.10 207	P	Pn	11 58 33.8		
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 16.9	+1.1	comp=Z,46nm,18.5s,baz=28,slow=40	AAK	Ala-Archa	12.10 207	P	Pn	11 53 25.7	-1.4	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 15.8	0.0	11nm,0.6s	AAK	Ala-Archa	12.10 207	P	Pn	11 53 28.4	+1.3	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 53 34.3	0.0	comp=Z,10.0nm,0.7s	EKS2	Erkin-Say	12.28 209	P	Pn	11 53 30.8	+1.2	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 54 11.0		SNR=10.0	MRKS	Merke	12.37 211	PG	P	11 53 48.4	+5.6	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 16.8	+1.0	comp=Z,2.5nm,0.2s	MRKS	Merke	12.37 211	PG	P	11 56 07.2		
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 54 08.9	-7.3	comp=Z,2.18nm,0.6s	SVE	Sverdiolovsk	12.48 293	eP	Lg	11 53 32.3	+0.3	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 16.9	+1.1	SNR=1.7	SVE	Sverdiolovsk	12.48 293	eS	Sn	11 55 54.6	+3.7	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.2	+1.2	comp=Z,2.29nm,1.2s	UCH	Uchtor	12.48 206	P	Pn	11 53 34.1	+1.5	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 15.8	-0.3	SNR=6.6	AML	Almayashu	12.79 208	PG	Pn	11 53 36.1	-0.7	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.2	+1.2	comp=Z,1.2nm,0.9s	AML	Almayashu	12.79 208	PG	Pn	11 55 57.2	-2.0	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 53 33.2	-1.6	comp=Z,0.7nm,0.6s	AML	Almayashu	12.79 208	PG	Pn	11 57 21.6		
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 54 08.9		comp=Z,0.7nm,0.6s	AML	Almayashu	12.79 208	PG	Pn	11 53 36.5	-0.3	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 55 07.2		comp=Z,9.4nm,1.1s	AML	Almayashu	12.79 208	PG	Pn	11 55 57.2	-2.0	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 55 07.2		SNR=14	KK31	Karatay Array	12.99 220	Pn	Pn	11 53 37.4	-1.7	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 55 07.2		17nm,0.5s	KK31	Karatay Array	12.99 220	Pn	Pn	11 53 37.0	-2.0	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.3	+1.2	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	KK31	Karatay Array	12.99 220	Pn	Pn	11 56 01.0	-2.5	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 54 11.0	-5.9	comp=Z,2.1nm,0.6s,baz=223,slow=1.7,SNR=2.6	KK31	Karatay Array	12.99 220	Pn	Pn	11 57 27.0		
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.6nm,1.1s,baz=37,slow=26,SNR=6.1	KK31	Karatay Array	12.99 220	Pn	Pn	11 53 37.4	-1.7	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	KKAR	Karatay Array	12.99 220	Pn	Pn	11 53 36.9	-2.2	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	KKAR	Karatay Array	12.99 220	Pn	Pn	11 53 37.4	-1.7	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	KKAR	Karatay Array	12.99 220	Pn	Pn	11 53 37.4	-1.7	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	KKAR	Karatay Array	12.99 220	Pn	Pn	11 53 37.4	-1.7	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	KKAR	Karatay Array	12.99 220	Pn	Pn	11 53 37.4	-1.7	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=Z,4.2nm,0.4s,baz=28,slow=1.3,SNR=82	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 17.0	+0.6	SNR=1.7	ARU	Arty	13.60 291	P	Pn	11 53 46.9	+0.1	
ZALV	Zalesovo Beam	1.78	81	PG	Pn	11 51 04.9	-0.4	BVAO	Boroyove Array	6.89 269	PN	Sn	11 52 19.5	+3.1	comp=								

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like Dawson, Edge Creek, Eska Dalemuir, etc.

ROM 12 12:34:50.2, 18.0, 1.12N, 101.33E, h202km, 152km, mb3.2/3, mbtmp3.7/3, Error ellipse: s-maj=242.3km s-min=21.2km az=56.0

DJA 12 12:34:51.6, 0.4, 1.1N, 3.10E, h191km, 5km, M3.6/13, MLV3.6/13

ISC 12 12:34:50.1, 0.9, 1.06N, 0.07, 100.13E, 0.08, h200km, n13, g113/18, mb3.1/3, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like Bangkinang, Padang, Pulau Batu, etc.

ROM 12 12:44:13.0, 0.1, 43.458N, 0.003, 12.344E, 0.005, h8km, ML0.9/4, 4C-1D, Error ellipse: s-maj=0.4km s-min=0.0km az=55.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like Pietralunga, AVT-Monte Val, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like ATFO, ATFO, ATFO, etc.

ROM 12 12:44:42.8, 0.1, 42.875N, 0.003, 13.033E, 0.003, h9km, ML0.9/1, 1C-2D, Error ellipse: s-maj=0.2km s-min=0.2km az=220.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like Preci, Frazion, Monte Cornacci, etc.

NNC 12 12:47:21.6, 23.0, 37.18N, 69.47E, h0km, mb3.6, mpv3.2, 2C-1D, Error ellipse: s-maj=327.0km s-min=182.9km az=144.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like Almayayush, Kararay Array, etc.

ROM 12 12:47:43.1, 0.1, 43.025N, 0.002, 13.143E, 0.004, h8km, ML1.2/9, 3C-2D, Error ellipse: s-maj=0.3km s-min=0.1km az=249.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like Fiordimonte, Bologna, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like T1214, SNTG, SNTG, etc.

ROM 12 12:47:57.8, 0.1, 42.806N, 0.002, 13.210E, 0.003, h14km, ML1.3/7, 4C-4D, Error ellipse: s-maj=0.2km s-min=0.1km az=349.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like Arquata del Tr, Monte Cornacci, etc.

CNRM 12 13:20:37.2, 36.80N, 7.44W, h58km, ml2.1, IGL 12 13:20:39.3, 36.85N, 7.35W, h30km, ML2.4, SFS 12 13:20:39.3, 36.84N, 7.34W, h28km, ML2.8/12, ML3.0/10, MLV2.7/12

MDD 12 13:20:39.5, 0.5, 36.85N, 7.35W, h41km, 11km, mb_Lg2.9/15, Error ellipse: s-maj=4.8km s-min=2.5km az=13.0

INMG 12 13:20:39.2, 1.6, 36.80N, 7.37W, h26km, 5km, ML2.4, Error ellipse: s-maj=3.5km s-min=2.4km az=32.0

ISC 12 13:20:36.1, 0.1, 36.80N, 0.03, 7.32W, 0.02, h20km, 7km, n70, r150/127, 1C-5D, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like ARNO, ARNO, Barranco-do-Ve, etc.

O16K	Kokwok River B	55.86	32	P	P	14 14 59.3 +0.3	TRF	comp-Z,12nm,0.9s		Iamb	Iamb	14 15 31.2	GLB	comp-Z,12nm,1.5s		Iamb	Iamb	14 16 07.2		
R17K	Ugashik Creek	56.23	34	P	P	14 15 01.3 -0.4	TRF	Thorofore Moun	60.40	28	P	P	14 15 30.5 +0.1	E25K	Arctic Village	63.13	23	P	P	14 15 50.0 +1.7
O16K	King Salmon	56.33	33	P	P	14 15 02.3 -0.1	H22K	Ishlita Cre	60.46	25	P	P	14 15 31.7 +1.1	DOT	Dot Lake	63.18	29	P	Iamb	14 15 48.5 -0.2
O17K	Koliganek Bris	56.39	32	P	P	14 15 02.8 +0.1	MLY	Manley	60.52	26	P	P	14 15 31.8 +0.6	DOT	Dot Lake	63.18	29	P	Iamb	14 15 49.2
O17K	Contact Creek	56.63	34	P	P	14 15 04.5 -0.1	MLY	Manley	60.52	26	P	P	14 15 31.8 +0.6	SCRK	Sand Creek	63.25	28	P	Iamb	14 15 49.0 -0.3
RDOG	Red Dog Mine	56.92	21	P	P	14 15 06.6 +0.2	F22K	John River	60.55	24	P	P	14 15 32.4 +1.2	SCRK	Sand Creek	63.25	28	P	Iamb	14 15 50.2
O18K	Katmai Hardscr	57.16	33	P	P	14 15 07.8 -0.5	PMR	Palmer	60.60	31	P	P	14 15 31.2 -0.4	SCRK	Sand Creek	63.25	28	P	Iamb	14 15 49.3 0.0
P18K	Big Mountain,	57.22	32	P	P	14 15 08.7 0.0	PMR	Palmer	60.60	31	P	P	14 15 32.0	VRDI	Verde Repeater	63.28	31	P	Iamb	14 15 49.7 +0.1
O18K	Koktuh Hills	57.34	32	P	P	14 15 09.4 0.0	PMR	Palmer	60.60	31	P	P	14 15 30.7 -0.9	VRDI	Verde Repeater	63.28	31	P	Iamb	14 16 28.4
SVW2	Sparrevohn	57.46	30	P	P	14 15 11.1 +0.9	AML	Almayashu	60.79	307	P	P	14 15 35.3 +1.6	BMAR	Burnt Mountain	63.40	24	P	P	14 15 51.5 +1.4
SVW2	Kurchatov	57.48	317	P	P	14 15 10.8 +0.3	E22K	Anaktuvuk Pass	60.84	23	P	P	14 15 34.0 +0.8	L26K	Log Cabin Wild	63.45	29	P	P	14 15 51.0 +0.5
KURK	Kurchatov	57.48	317	P	P	14 15 10.8 +0.3	PWL	Port Wells	60.88	31	P	P	14 15 33.5 0.0	J26L	Joseph Creek	63.48	28	P	Iamb	14 15 50.0 -0.2
KURK	Kurchatov	57.48	317	P	P	14 15 10.8 +0.3	PWL	Port Wells	60.88	31	P	P	14 15 33.4 -0.1	J26L	Joseph Creek	63.48	28	P	Iamb	14 15 51.6
KURBB	Kurchatov Arra	57.53	317	P	P	14 15 11.3 +0.4	BWN	Browne	60.89	28	P	P	14 15 34.1 +0.5	J26L	Joseph Creek	63.48	28	P	Iamb	14 15 51.0 +0.3
KURBB	Kurchatov Arra	57.53	317	P	P	14 15 11.3 +0.4	BWN	Browne	60.89	28	P	P	14 15 36.1	MCARA	McCarthy VSAT	63.49	31	P	Iamb	14 15 51.3 +0.5
TTA	Tatalina	57.75	28	P	P	14 15 12.6 +0.3	KNK	Knik Glacier	60.90	31	P	P	14 15 33.7 0.0	MCARA	McCarthy VSAT	63.49	31	P	Iamb	14 16 02.2
TTA	Tatalina	57.75	28	P	P	14 15 12.6 +0.3	KNK	Knik Glacier	60.90	31	P	P	14 15 33.7 0.0	MCARA	McCarthy VSAT	63.49	31	P	Iamb	14 15 51.1 +0.3
O19K	Port Alsworth	57.85	32	P	P	14 15 13.6 +0.7	KNK	Knik Glacier	60.90	31	P	P	14 15 33.7 0.0	M26K	Nabesna, AK	63.57	30	P	P	14 15 51.8 +0.5
O19K	Port Alsworth	57.85	32	P	P	14 15 13.6 +0.7	SML	Sawmill	61.01	30	P	Iamb	14 15 34.4 -0.1	M26K	Nabesna, AK	63.57	30	P	P	14 15 51.4 +0.1
O19K	Port Alsworth	57.85	32	P	P	14 15 13.6 +0.7	SML	Sawmill	61.01	30	P	Iamb	14 15 34.4 -0.1	F26K	Sheenjek River	63.60	24	P	P	14 15 52.6 +1.2
N19K	Bonanza Creek	57.91	31	P	P	14 15 13.1 +0.3	SML	Sawmill	61.01	30	P	P	14 15 34.7 +0.2	GAR	Garm	63.65	304	P	P	14 15 52.7 +0.4
N19K	Bonanza Creek	57.91	31	P	P	14 15 13.1 +0.3	MCK	McKinley	61.04	28	P	P	14 15 34.3 -0.2	C26K	Camden Bay	63.65	21	P	P	14 15 53.1 +1.6
N19K	Bonanza Creek	57.91	31	P	P	14 15 13.1 +0.3	MCK	McKinley	61.04	28	P	P	14 15 34.3 -0.2	G26K	Porcupine River	63.65	25	P	P	14 15 52.9 +1.3
Q19K	Cape Douglas,	57.92	33	P	P	14 15 12.6 -0.9	MCK	McKinley	61.04	28	P	P	14 15 34.7 +0.2	I26K	Coal Creek Min	63.73	27	P	P	14 15 52.7 +0.4
Q19K	Cape Douglas,	57.92	33	P	P	14 15 12.6 -0.9	WAT1	Susitna Watona	61.06	29	P	P	14 15 34.8 0.0	C27K	Jago River	64.02	22	P	P	14 15 55.1 +1.1
GCSA	Galena City Sc	57.92	26	P	P	14 15 13.9 +0.6	I23K	Minto, Yukon-K	61.12	26	P	Iamb	14 15 35.7 +0.7	M27K	Edg Creek, AK	64.09	30	P	P	14 15 55.1 +0.4
NRIK	Noril'sk	58.02	340	P	P	14 15 13.6 -0.4	I23K	Minto, Yukon-K	61.12	26	P	Iamb	14 15 35.7 +0.7	K27K	Chicken	64.09	28	P	P	14 15 55.1 +0.5
NRIK	Noril'sk	58.02	340	P	P	14 15 13.6 -0.4	NEA2	Nenana	61.14	27	P	Iamb	14 15 35.1 -0.1	BARN	Barnard Glacie	64.14	32	P	P	14 15 55.8 +0.7
NRIK	Noril'sk	58.02	340	P	P	14 15 13.6 -0.4	NEA2	Nenana	61.14	27	P	Iamb	14 15 36.3	BARN	Barnard Glacie	64.14	32	P	Iamb	14 16 14.3
NRIK	Noril'sk	58.02	340	P	P	14 15 13.9 -0.1	NEA2	Nenana	61.14	27	P	P	14 15 35.8 +0.6	L27K	Beaver Creek	64.14	29	P	P	14 15 55.4 +0.3
L19K	White Mountain	58.07	29	P	P	14 15 15.0 +0.6	G23K	Pacpa Creek	61.17	25	P	P	14 15 37.3 +0.9	L27K	Beaver Creek	64.14	29	P	P	14 15 55.3 +0.3
L19K	White Mountain	58.07	29	P	P	14 15 14.7 +0.2	H23K	Yukon River	61.18	26	P	P	14 15 36.5 +1.1	BCAR	Beaver Creek A	64.17	29	P	P	14 15 55.5 +0.4
P19K	Oil Pt	58.27	32	P	P	14 15 16.9 +0.2	H23K	Yukon River	61.18	26	P	P	14 15 36.6 +1.1	CTG	Chitna Glacie	64.29	32	P	P	14 15 56.8 +0.7
ILSW	Iliamna Southw	58.38	32	P	P	14 15 16.9 +0.2	COLD	Coldfoot	61.22	24	P	P	14 15 36.7 +1.1	CTGM	Chitna Glacie	64.30	32	P	Iamb	14 15 56.6 +0.5
ILSW	Iliamna Southw	58.38	32	P	P	14 15 16.9 +0.2	COLD	Coldfoot	61.22	24	P	P	14 15 36.9 +1.3	CTGM	Chitna Glacie	64.30	32	P	Iamb	14 15 57.7
Q20K	Slope Mountain	58.65	32	P	P	14 15 18.6 +0.1	M23K	Glacier View	61.30	30	P	P	14 15 36.6 +0.4	TAU	Tasmania Upton	64.36	177	P	P	14 15 56.5 0.0
K20K	Telida	58.72	28	P	P	14 15 20.1 +1.2	D23K	Nanushuk River	61.46	22	P	P	14 15 37.8 +0.6	I27K	Kandik River	64.39	26	P	P	14 15 57.0 +0.4
K20K	Telida	58.72	28	P	P	14 15 18.5 -0.3	SCM	Sheep Creek Mo	61.49	30	P	P	14 15 37.9 +0.3	LOGN	Logan Glacier	64.45	32	P	Iamb	14 15 57.4 +0.2
M20K	Styx River	58.79	30	P	P	14 15 19.2 -0.2	SCM	Sheep Creek Mo	61.49	30	P	P	14 15 41.1	LOGN	Logan Glacier	64.45	32	P	Iamb	14 16 12.5
TOO	Toolangi	58.95	178	P	P	14 15 20.3 -0.4	SCM	Sheep Creek Mo	61.49	30	P	P	14 15 37.9 +0.3	G27K	Doyon Strip	64.47	25	P	P	14 15 57.8 +0.8
HOM	Home	59.06	33	P	P	14 15 20.9 -0.3	SCM	Sheep Creek Mo	61.49	30	P	P	14 15 41.1	H27K	Steamboat Moun	64.47	26	P	P	14 15 57.9 +0.8
KSH	Kashi	59.23	304	P	P	14 15 26.6 +3.7	WRH	Wood River Hil	61.53	27	P	P	14 15 37.2 -0.6	EGAK	Eagle	64.53	27	P	P	14 15 57.2 -0.2
CNPM	China Poot	59.24	33	P	P	14 15 22.1 -0.4	MDM	Murphy Dome	61.55	27	P	P	14 15 37.8 -0.2	EGAK	Eagle	64.53	27	P	P	14 15 57.0 -0.4
CNPM	China Poot	59.24	33	P	P	14 15 22.1 -0.4	E23K	Chadatar	61.62	23	P	P	14 15 39.2 +0.8	BVCY	Beaver Creek	64.56	30	P	P	14 15 58.2 +0.5
TKM2	Tokmak 2	59.34	308	P	P	14 15 25.1 +1.3	CCB	Clear Creek Bu	61.68	27	P	P	14 15 38.2 -0.6	CHGR	Chuyangaron	64.59	304	P	P	14 15 58.9 +0.5
PPLA	Purkeypile	59.44	29	P	P	14 15 24.6 +0.6	TCOL	CIGO, UAF Yank	61.70	27	P	Iamb	14 15 39.0 +0.2	E27K	Coleen River	64.61	24	P	P	14 15 58.9 +1.0
PPLA	Purkeypile	59.44	29	P	P	14 15 24.2 +0.3	TCOL	CIGO, UAF Yank	61.70	27	P	Iamb	14 15 41.1	YUK3	Moose Creek	64.73	31	P	P	14 15 59.3 +0.2
BRLK	Bradley Lake	59.46	32	P	P	14 15 23.1 -0.8	COLA	College	61.70	27	P	Iamb	14 15 39.4 +0.6	PCA	Pinnacle	64.81	33	P	P	14 15 59.9 +0.5
BRLK	Bradley Lake	59.46	32	P	P	14 15 23.1 -0.8	COLA	College	61.70	27	P	Iamb	14 15 41.1	PIMM	Pinnacle	64.82	33	P	P	14 15 59.5 +0.1
CAPN	Captain Cook N	59.50	31	P	P	14 15 24.0 -0.1	COLA	College	61.70	27	P	Iamb	14 15 39.3 +0.5	O28M	Mount Upton	64.85	32	P	P	14 16 00.5 +0.6
BRSE	Bradley Lake S	59.53	32	P	P	14 15 24.2 -0.2	Q23K	Middleton Isla	61.70	33	P	P	14 15 39.9 +1.0	YUK8	Steele Glacier	65.06	31	P	P	14 16 01.9 +0.7
IMAR	Indian Mountai	59.54	25	P	P	14 15 24.9 +0.5	H24K	Noodor Dome	61.85	26	P	Iamb	14 15 40.8 +0.8	PNL	Peninsula	65.25	33	P	P	14 16 03.0 +0.9
SKT	Skwentna	59.55	30	P	P	14 15 24.3 -0.3	H24K	Noodor Dome	61.85	26	P	Iamb	14 15 42.0	DAWY	Dawson	65.27	28	P	P	14 16 02.8 +0.5
SKT	Skwentna	59.55	30	P	P	14 15 24.3 -0.3	H24K	Noodor Dome	61.85	26	P	Iamb	14 15 42.0	DAWY	Dawson	65.27	28	P	P	14 16 02.5 +0.2
SKT	Skwentna	59.55	30	P	P	14 15 24.5 0.0	H24K	Noodor Dome	61.85	26	P	Iamb	14 15 40.9 +1.0	KBL	Kabul	65.33	299	P	P	14 16 03.4 +0.1
CAST	Castle Rocks	59.60	28	P	P	14 15 25.3 +0.4	HDA	Harding Lake	62.01	28	P	P	14 15 41.2 -0.5	YUK4	Talbot Arm	65.30	31	P	P	14 16 05.4 +0.8
CAST	Castle Rocks	59.60	28	P	P	14 15 26.5	NIL	Nilore	62.02	298	P	Iamb	14 15 41.2 -0.5	O29M	Mount Kennedy	65.65	32	P	P	14 16 05.7 +0.9
CAST	Castle Rocks	59.60	28	P	P	14 15 26.5	NIL	Nilore	62.02	298	P	Iamb	14 15 44.0	M29M	Somme Creek	65.68	30	P	P	14 16 05.9 +0.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC05, NMCM, LCO, PB16, etc.

IDC 12 15:02:32.3z 17.0, 7.765x118.97E, h0km, mb3.8/2, mbmp3.7/3, ML3.6/1, Error ellipse: s-maj=306.2km s-min=187.2km az=4.0

DJA 12 15:02:55.7z 0.8, 8.5x11.9E, h146km, 14km, M3.2/7, MLV3.2/7

ISC 12 15:02:55.2z 1.1, 8.345x119.49E, h150km, n9, c076/11, Flores region

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

IDC 12 15:07:11.8z 4.5, 30.845x178.28W, h0km, mb3.3/2, mbmp3.3/2, Error ellipse: s-maj=220.9km s-min=51.3km az=160.0, Kermadec Islands

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

DJA 12 15:42:24.3z 0.7, 1.1N, 4.9E, h81km, 9km, M3.4/6, MLV3.4/6

IDC 12 15:42:27.0z 3.0, 4.9N, 97.84E, h0km, mb3.5/5, mbmp3.4/6, ML3.7/1, MS3.2/3, Error ellipse: s-maj=131.8km s-min=23.2km az=60.0

ISC 12 15:42:31.3z 1.1, 0.5N, 0.2z 98.0E, h329km, n17, c085/10, mb3.5/5, Northern Sumatra

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SBSI, SNSI, PDSI, CMAR, etc.

IDC 12 15:47:35.2z 15.0, 37.10N, 21.84E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=310.7km s-min=48.3km az=30.0

THE 12 15:47:35.9z 36.80N, 21.45E, h0km, 2km, ML3.0/10, Error ellipse: s-maj=2.9km s-min=1.2km az=221.0

ATH 12 15:47:36.8z 36.82N, 21.49E, h10km, 31km, ML2.9/9, Error ellipse: s-maj=31.6km s-min=1.6km az=0.0

ISC 12 15:47:35.5z 1.3, 36.80N, 0.05z 21.49E, h0km, 7km, n71, c121/86, mb3.6/4, Southern Greece

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

IDC 12 15:02:32.3z 17.0, 7.765x118.97E, h0km, mb3.8/2, mbmp3.7/3, ML3.6/1, Error ellipse: s-maj=306.2km s-min=187.2km az=4.0

DJA 12 15:02:55.7z 0.8, 8.5x11.9E, h146km, 14km, M3.2/7, MLV3.2/7

ISC 12 15:02:55.2z 1.1, 8.345x119.49E, h150km, n9, c076/11, Flores region

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

IDC 12 15:07:11.8z 4.5, 30.845x178.28W, h0km, mb3.3/2, mbmp3.3/2, Error ellipse: s-maj=220.9km s-min=51.3km az=160.0, Kermadec Islands

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

DJA 12 15:42:24.3z 0.7, 1.1N, 4.9E, h81km, 9km, M3.4/6, MLV3.4/6

IDC 12 15:42:27.0z 3.0, 4.9N, 97.84E, h0km, mb3.5/5, mbmp3.4/6, ML3.7/1, MS3.2/3, Error ellipse: s-maj=131.8km s-min=23.2km az=60.0

ISC 12 15:42:31.3z 1.1, 0.5N, 0.2z 98.0E, h329km, n17, c085/10, mb3.5/5, Northern Sumatra

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

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

WEL 12 15:53:17.8z 0.3, 39.5z 4.7, 17.5E, h18km, 4km, M3.6/27, ML3.9/27, MLV3.6/27, Error ellipse: s-maj=0.0km s-min=0.0km az=0.7, confirmed

NOU 12 15:53:18.7z 3.9z 28S, 174.75E, h30km, MLV3.5/8, North Island, New Zealand

ISC 12 15:53:18.6z 0.9, 39.335z 0.02z 174.79E, h29km, 5km, n115, c0979/124, North Island

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

FUNV 12 16:00:03.9, 10.42N:62.30W, h5km, MW3.0
TRN 12 16:00:04.3, 10.55N:62.31W, h1km, MD3.3
ISC 12 16:00:03.4, 1.5, 10.42N:0.06:62.38W:0.04, h1km, m11km,
n15, c1949/23, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like CRUV Carupano, TRN Trinidad (W), TBH Brigand Hill, etc.

TEH 12 16:32:20.8, 28.72N:52.85E, h12km, 45km, ML3.0
OMAN 12 16:32:26.8, 1.5, 28.72N:52.73E, h10km, 38km, mb4.2/3,
m3.1/9, Error ellipse: s-maj=18.7km s-min=11.7km
az=86.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like QIR1 Qir, GHIR Ghir-Karzin, JHRM Jahrom, etc.

IDC 12 16:37:14.6, 5.1, 7.08S:105.76E, h0km, mb3.3/3,
mbmp3.3/3, Error ellipse: s-maj=261.6km s-min=27.6km
az=49.0
DJA 12 16:37:24.9, 0.6, 7.54S:107.62E, h28km, 5km, M3.8/11,
MLV3.8/11

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like SKJ1 Sukabumi, CGJ1 Cibinong, Serang, etc.

IDC 12 16:47:15.8, 0.7, 40.84N:143.23E, h0km, mb3.9/16,
mbmp3.9/22, ML3.1/16, MS3.4/22, Error ellipse:
s-maj=18.1km s-min=5km az=100.0
MOS 12 16:47:17.8, 1.2, 40.88N:143.23E, h29km, mb4.4/15, Error
ellipse: s-maj=8.6km s-min=5.5km az=94.2

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like JHS Saijo, KLR Kuldur, etc.

JMA 12 16:47:18.9, 0.1, 40.81N:0.6:143.3E:0.8, h33km, MV3.9/37,
E OFF AQOMORI PREF
NEIC 12 16:47:22.5, 1.8, 41.00N:0.06:143.2E:0.1, h36km, 8km,
mb4.2/30, Error ellipse: s-maj=13.5km s-min=7.2km
az=121.0

ISC 12 16:47:20.0, 0.5, 40.86N:0.04:143.32E:0.05, h31km, n158,
c185/173, mb4.2/44, MS3.5/18, BC-3D, Off east coast of

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Honshu, ERM Erimo, JEM Erimo, etc.

USA0B Ussuriysk Arra 9.01 295 Pn Pn 16 49 28.1 +0.3
USA0B Ussuriysk Arra 9.01 295 Pn Pn 16 49 28.1 +0.3
USR3 Ussuriysk Arr 9.01 295 Pn Pn 16 49 25.4 -2.4

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like USA0B Ussuriysk Arra, USA0B Ussuriysk Arra, USR3 Ussuriysk Arr, etc.

SONM Songino Array 27.11 297 P P 16 52 59.9 -0.2
comp=Z,1.1nm,0.5s,baz=88,slow=8.9,SNR=12
SONM Songino Array 27.11 297 P P 16 53 00.4 +0.1
comp=Z,1.1nm,0.5s

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like H11N2 WAKE ISLAND HY, H11N1 WAKE ISLAND HY, H11N3 WAKE ISLAND HY, etc.

RES Resolute Bay 58.53 15 P P 16 57 13.3 +0.5
comp=Z,2.8nm,0.9s

12d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warrungarra Arr, FINES FINESS Array B.

IDC 12 17:27:43.4:5.2, 29°42'S-177°87'W, h0km, mb3.1/2, mbmp3.1/2, Error ellipse: s-maj=252.9km s-min=81.9km az=165.0, Kermadec Islands

IDC 12 17:38:10.9:1.2, 55°15'S-159°14'E, h0km, mb4.3/5, mbmp4.3/6, ML3.6/1, MS3.4/20, Error ellipse: s-maj=37.5km s-min=33.5km az=92.0

NEIC 12 17:39:12.1:1.4, 55°15'S-159°07'158.6E:0.2, h10km, 1km, mb4.3/9, Error ellipse: s-maj=21.9km s-min=5.2km az=302.0

ISC 12 17:38:12.6:1.1, 55°15'S-159°14'E:0.1, h10km, n58, c1544/33, mb4.3/8, MS3.5/20, Macquarie Island region

Main table for 12d 17h section, listing stations like Macquarie Isla, Pyysegge Point, Wether Hill, Deep Cove, etc.

2017 MAR

Table for 2017 MAR section, listing stations like DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, WRA Warrungarra Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, SOMM Songino Array, ILAR Epsilon Array, YKA Yellowknife Arr, MKAR Makanchi Array.

ROM 12 17:44:50.5:0.1, 42°70'N-100°44'13'242E:0°005, h12km, ML1.3/11, 6C-8D, Error ellipse: s-maj=0.3km s-min=0.3km az=267.0, Central Italy

Main table for 2017 MAR section, listing stations like SAN MARTINO, SAN MARTINO, Civita (PG), Civita (PG), Civita (PG), etc.

678

Table for 678 section, listing stations like T1214 comp=E,286um,0.3s, T1214 comp=N,146um,0.3s, T1214 comp=N,146um,0.3s, etc.

MEX 12 17:57:13.8:0.5, 14°08'N-93°60'W, h10km, MD4.1 IDC 12 17:57:20.4:7.6, 15°56'N-92°67'W, h0km, mb3.6/3, mbmp3.5/5, ML3.3/2, MS3.3/1, Error ellipse: s-maj=171.5km s-min=43.3km az=15.0

ISC 12 17:57:12.7:1.3, 14°31'N-108°93'58W:0.04, h10km, n16, c215/25, mb3.7/3, Near coast of Chiapas

Main table for 678 section, listing stations like THIG Vallo di Nera, PCIG Vallo di Nera, PATR El Naranjo, PAVE Pavencul, etc.

HEL 12 17:57:13.8:0.3, 67°83'N-19°99'E, h0km, ML1.1, Explosion DNK 12 17:57:14.8:0.4, 67°82'N-20°22'E, h0km, ML2.8(UPP), Suspected explosion

UPP 12 17:57:14.6:0.3, 67°82'N-20°22'E, h3km, 5km, ML2.8, Confirmed Induced event

ISC 12 17:57:14.1:1.0, 8.6778N:0°03:20:26E:0.02, h0km, n29, c0973/42, Sweden

Main table for 678 section, listing stations like RATU Laulkuluspa, RATU Laulkuluspa, RATU Salmi, etc.

IDC 12 17:38:52.2:5.6, 12°14'S-167°65'E, h380km, 65km, mb3.3/9, mbmp3.9/10, Error ellipse: s-maj=55.0km s-min=25.3km az=154.0

ISC 12 17:38:46.3:1.0, 11°39'S-167°65.0E:0.2, h317km, n10, c0579/11, mb3.5/9, Santa Cruz Islands

Table for 12d 17h section, listing stations like ARQUATA DEL TR, ARQUATA DEL TR.

ROM 12 17:45:32.1:0.1, 42°74'N-100°02:13'262E:0°004, h14km, ML1.1/6, 5C-5D, Error ellipse: s-maj=0.3km s-min=0.1km az=255.0, Central Italy

Table for 2017 MAR section, listing stations like ARQUATA DEL TR, ARQUATA DEL TR.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KTK1, KTK1, KALU, TOF, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CHTH, TNSJ, IHSB, etc.

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

IDC 12 18:26:48.9 S, 22°36'N, 144°68'E, h125km, 40km, mb2.9/3, s-min=27.7km az=77.0, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JCJ, JCJ, H1S13, etc.

IDC 12 18:59:38.7 S, 1.5, 27°98'S, 67°46'W, h147km, 8km, ML3.6, MW3.6, Hypocentre not reviewed by the ISC

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

IDC 12 18:59:39.7 S, 1.2, 27°98'S, 67°46'W, h135km, 11km, mb3.1/3, s-min=28.0km az=78.0, Error ellipse: s-maj=28.7km s-min=10.9km

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

IDC 12 18:59:39.7 S, 0.8, 27°98'S, 66°67'W, h135km, n11, s=086/14, mb3.3/3, Catamarca Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TINO, TINO, AC02, etc.

IDC 12 18:59:39.7 S, 0.8, 27°98'S, 66°67'W, h135km, n11, s=086/14, mb3.3/3, Catamarca Province

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

IDC 12 18:59:39.7 S, 0.8, 27°98'S, 66°67'W, h135km, n11, s=086/14, mb3.3/3, Catamarca Province

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

IDC 12 19:13:57.8 S, 7.7, 5°61'S, 152°84'E, h33km, 52km, mb3.3/5, mbtmp3.6/6, ML1.5/1, Error ellipse: s-maj=54.8km s-min=18.9km az=103.0

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

IDC 12 19:13:58.2 S, 1.3, 5°52'S, 152°84'E, h37km, n8, s=043/10, mb3.5/5, New Britain region

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

IDC 12 19:13:58.2 S, 1.3, 5°52'S, 152°84'E, h37km, n8, s=043/10, mb3.5/5, New Britain region

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

IDC 12 19:28:12.2 S, 0.0, 42°89'N, 0°00'43.153E, 0°00'4, h15km, ML0.8/2, 1C-4D, Error ellipse: s-maj=0.3km s-min=0.2km az=26.0, Central Italy

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

IDC 12 19:28:12.2 S, 0.0, 42°89'N, 0°00'43.153E, 0°00'4, h15km, ML0.8/2, 1C-4D, Error ellipse: s-maj=0.3km s-min=0.2km az=26.0, Central Italy

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

IDC 12 19:28:12.2 S, 0.0, 42°89'N, 0°00'43.153E, 0°00'4, h15km, ML0.8/2, 1C-4D, Error ellipse: s-maj=0.3km s-min=0.2km az=26.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MC2, MC2, T1245, etc.

IDC 12 19:08:08.9 S, 36°73'N, 54°84'E, h9km, 23km, ML4.1, IDC 12 19:08:08.5 S, 1.5, 36°68'N, 54°87'E, h0km, mb3.3/8, mbtmp3.6/17, ML3.3/9, MS3.0/7, Error ellipse: s-maj=28.8km s-min=11.8km az=160.0

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

IDC 12 19:08:08.9 S, 36°73'N, 54°84'E, h9km, 23km, ML4.1, IDC 12 19:08:08.5 S, 1.5, 36°68'N, 54°87'E, h0km, mb3.3/8, mbtmp3.6/17, ML3.3/9, MS3.0/7, Error ellipse: s-maj=28.8km s-min=11.8km az=160.0

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

IDC 12 19:08:08.9 S, 36°73'N, 54°84'E, h9km, 23km, ML4.1, IDC 12 19:08:08.5 S, 1.5, 36°68'N, 54°87'E, h0km, mb3.3/8, mbtmp3.6/17, ML3.3/9, MS3.0/7, Error ellipse: s-maj=28.8km s-min=11.8km az=160.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like T1212, T1212, T1212, etc.

IDC 12 19:08:10.8 S, 0.6, 36°82'N, 0°04'54.86E, 0°04, h15km, n147, s=194/176, mb3.3/9, 5C-3D, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GYA0B, GYA0B, IEMG, etc.

IDC 12 19:08:10.8 S, 0.6, 36°82'N, 0°04'54.86E, 0°04, h15km, n147, s=194/176, mb3.3/9, 5C-3D, Northern and central Iran

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

IDC 12 19:28:42.7 S, 0.2, 42°99'N, 0°00'43.153E, 0°00'7, h3°h3, 2km, ML0.9/8, 1C-5D, Error ellipse: s-maj=0.5km s-min=0.4km az=86.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like T1219, T1219, T1219, etc.

12d 19h

T1219	comp=N,242µm,1.0s	AML	AML					
CESI	comp=E,258µm,0.1s	0.10 274	↑P	Pg	AML	19 28 45.1	+0.5	
CESI	comp=E,120µm,0.4s		AML	AML				
CESI	comp=N,126µm,0.3s	0.11 186	↑P	Pg	AML	19 28 45.5	+0.6	
T1216	Preci, Frazion		AML	AML				
T1216	comp=E,138µm,1.5s		AML	AML				
T1216	comp=N,111µm,0.3s		AML	AML				
T1216	comp=E,137µm,1.5s		AML	AML				
T1216	comp=E,137µm,0.5s		AML	AML				
T1216	comp=N,111µm,0.3s		AML	AML				
T1220	Camerino, Fraz	0.12 20	↑P	Pg	AML	19 28 45.4	+0.3	
T1220	comp=E,569µm,0.3s		AML	AML				
T1220	comp=N,364µm,0.3s		AML	AML				
T1220	comp=E,569µm,1.7s	0.14 87	↑S	Sg	AML	19 28 47.9	+0.4	
T1256	Bologna (MC)		AML	AML				
T1256	comp=N,44µm,1.0s		AML	AML				
T1256	comp=E,41µm,1.0s		AML	AML				
MC2	Monte Cornacci	0.14 127	↑P	Pg	AML	19 28 46.0	+0.4	
T1245	Castelsantange	0.18 141	↑P	Pg	AML	19 28 46.7	+0.5	
T1245	comp=E,54µm,1.4s		AML	AML				
T1245	comp=E,54µm,0.6s		AML	AML				
T1245	comp=N,84µm,0.2s		AML	AML				
T1215	Vallo di Nera, MIMO1	0.23 212	↑P	Pg	AML	19 28 47.8	+0.6	
T1212	Montemonaco	0.24 115	↑P	Pg	AML	19 28 47.4	+0.1	
T1212	Gascia, Frazio	0.25 178	↑P	Pg	AML	19 28 48.0	+0.5	
T1212	comp=E,41µm,0.3s		AML	AML				
T1212	comp=N,51µm,1.5s		AML	AML				
T1212	comp=E,41µm,0.3s		AML	AML				
T1212	comp=N,50µm,1.5s		AML	AML				
T1212	comp=E,41µm,1.7s		AML	AML				
SNTG	Esanatoglia	0.27 345	↑P	Pg	AML	19 28 48.2	+0.4	
SNTG	comp=E,24µm,0.6s		AML	AML				
SNTG	comp=N,22µm,1.6s		AML	AML				
ASSB	Assisi San Ben	0.28 279	↑P	Pg	AML	19 28 48.5	+0.4	
ASSB	comp=E,25µm,0.7s		AML	AML				
ASSB	comp=N,44µm,0.2s		AML	AML				
ASSB	comp=E,25µm,1.3s		AML	AML				
T1241	Roccafluvione, ATCC	0.33 116	↑P	Pg	AML	19 28 49.6	+0.7	
T1218	Civita (PG)	0.33 170	↑P	Pg	AML	19 28 49.6	+0.4	
ATCC	AVT- Casa Cast	0.34 303	↓S	Sb	AML	19 28 56.0	-1.3	

TAP 12 19:47:51.0, 24:65N, 121:98E, h60km, ML3.6, B
 JMA 12 19:47:50.4, 0.2, 24:70N, 122:0E, 0.4, h65km, 2km,
 MV3.2/11, TAIWAN REGION
 ISC 12 19:47:50.4, 1.2, 24:66N, 122:01E, 0.02, h67km, 4km,
 n151, σ²11/292, 37C-3D, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	ISC Op	Time	Res
TWC	Suao	0.16 251	↑P	Pn	ISC	19 48 00.4	-0.1
TWC	baz=246						
NTY	baz=246			iS		19 48 07.1	-0.7
EGS	baz=351	0.20 338	↑P	Pn		19 48 00.7	+0.1
EGS	baz=351			S		19 48 07.9	-0.2
NTC	Toucheng	0.25 319	↑P	Pn		19 48 00.8	-0.1
NTC	baz=326			S		19 48 07.8	-0.8
ILA	ilan	0.26 293	↑P	Pn		19 48 01.3	+0.3
ILA	baz=299			eS		19 48 09.0	+0.3
NDS	Dongshan	0.27 264	↑P	Pn		19 48 01.5	+0.4
NDS	baz=265			eS		19 48 08.8	0.0
EWUT	Wuta	0.30 225	↑P	Pn		19 48 01.4	+0.2
EWUT	baz=221			iS		19 48 09.0	-0.2
EOS2	EOS2	0.31 140	↑P	Pn		19 48 02.0	+0.8
EOS2	baz=135			eS		19 48 10.4	+1.4
TWE	Neicheng	0.32 281	↑P	Pn		19 48 01.8	+0.4
TWE	baz=283			S		19 48 09.5	+0.1
ENA	Nanau	0.34 227	↑P	Pn		19 48 01.7	+0.2
ENA	baz=222			S		19 48 09.8	+0.1
TWB1	Santiao Chiao	0.35 356	↑P	Pn		19 48 01.5	-0.1
TWB1	baz=3.0			S		19 48 09.0	-0.7
TIPB	Shuangxi	0.35 331	↑P	Pn		19 48 01.7	0.0
TIPB	baz=337			iS		19 48 09.1	-0.8
FUSB	Fushanzhiwuyua	0.40 284	↑P	Pn		19 48 02.4	+0.3
FUSB	baz=287			S		19 48 10.8	+0.1
ENTT	Nioudou	0.41 267	↑P	Pn		19 48 02.6	+0.5
ENTT	baz=267			eS		19 48 11.3	+0.7
SX11	Grass Mountain	0.45 344	↑P	Pn		19 48 02.5	-0.1
SX11	baz=348			S		19 48 10.8	-0.6
NWF	Wu-fen Shan	0.46 333	↑P	Pn		19 48 02.8	+0.1
NWF	baz=337			eS		19 48 11.1	-0.5
WFSB	Wu-fen Shan	0.46 333	↑P	Pn		19 48 02.8	+0.2
WFSB	baz=337			eS		19 48 11.1	-0.4
LATG	Datong	0.46 254	↑P	Pn		19 48 03.0	+0.3
LATG	baz=254			eS		19 48 12.0	+0.3
NWLT	Wulai	0.48 284	↑P	Pn		19 48 03.1	+0.4
NWLT	baz=286			eS		19 48 11.7	-0.1
TWA	Mucha	0.50 309	↑P	Pn		19 48 03.1	+0.1
TWA	baz=313			eS		19 48 11.7	-0.6
TNOU	National Taiwa	0.53 336	↑P	Pn		19 48 03.2	-0.1
TNOU	baz=340			eS		19 48 12.0	-0.7
NHDH	Xindian Distri	0.54 304	↑P	Pn		19 48 03.5	+0.2
NHDH	baz=307			eS		19 48 12.1	-0.6
NHY	Taipei	0.55 313	↑P	Pn		19 48 03.7	+0.2
NHY	baz=316			eS		19 48 13.1	+0.1

2017 MAR

TATO	Taipei	0.57 303	↑P	Pn		19 48 03.8	+0.1
TATO	baz=306			eS		19 48 12.7	-0.7
YHNB	Yehong	0.58 271	↑P	Pn		19 48 04.2	+0.4
YHNB	baz=272			eS		19 48 13.6	-0.1
TAP1	Taipei	0.58 310	↑P	Pn		19 48 05.0	+1.3
TAP1	baz=312			eS		19 48 14.3	+0.7
TAP	Taipei	0.59 309	↑P	Pn		19 48 04.0	+0.1
TAP	baz=312			eS		19 48 13.5	-0.4
NSK	Sanguang	0.59 271	↑P	Pn		19 48 04.3	+0.3
NSK	baz=272			S		19 48 14.0	0.0
EOS4	EOS4	0.61 153	↑P	Pn		19 48 04.0	+0.3
EOS4	baz=150			S		19 48 13.9	+0.5
ETL	Fush Village	0.61 215	↑P	Pn		19 48 03.9	-0.3
ETL	baz=213			eS		19 48 14.3	0.0
BACT	New Taipei Cit	0.62 303	↑P	Pn		19 48 04.5	+0.3
BACT	baz=305			eS		19 48 15.1	+0.8
NACB	Ninganchiao	0.62 218	↑P	Pn		19 48 03.7	-0.5
NACB	baz=216			eS		19 48 13.9	-0.3
NNSB	Datong	0.62 248	↑P	Pn		19 48 04.7	+0.3
NNSB	baz=247			eS		19 48 14.5	-0.1
NNSH	Datong	0.62 248	↑P	Pn		19 48 04.7	+0.4
NNSH	baz=247			eS		19 48 14.4	-0.1
NNS	Nan Shan	0.62 249	↑P	Pn		19 48 04.7	+0.3
NNS	baz=248			eS		19 48 14.6	0.0
YM01	YM01	0.63 320	↑P	Pn		19 48 04.3	0.0
YM01	baz=323			eS		19 48 14.2	-0.4
YM08	YM08	0.65 324	↑P	Pn		19 48 04.3	-0.2
YM08	baz=327			S		19 48 13.7	-1.3
ETLH	Xiulin Townshi	0.66 227	↑P	Pn		19 48 04.5	-0.2
ETLH	baz=225			S		19 48 14.8	-0.5
ANP	Anpu	0.69 320	↑P	Pn		19 48 04.8	-0.2
ANP	baz=322			eS		19 48 16.1	+0.3
TWD	Chiawan	0.69 213	↑P	Pn		19 48 04.9	-0.1
TWD	baz=211			eS		19 48 15.5	-0.2
TWS1	Kuangyinshan	0.69 309	↑P	Pn		19 48 05.4	+0.4
TWS1	baz=312			eS		19 48 16.1	+0.3
NTST	Danshui	0.71 314	↑P	Pn		19 48 05.6	+0.3
NTST	baz=317			eS		19 48 16.6	+0.4
TWY	Chenghua	0.72 329	↑P	Pn		19 48 05.7	+0.4
TWY	baz=332			eS		19 48 16.6	+0.4
NTY	Taoyuan	0.73 298	↑P	Pn		19 48 06.1	+0.7
NTY	baz=299			eS		19 48 17.9	+1.3
HWA	Hwallien	0.78 209	↑P	Pn		19 48 06.2	+0.2
HWA	baz=206			eS		19 48 18.4	+0.9
NCU	National Centr	0.81 292	↑P	Pn		19 48 07.0	+0.6
NCU	baz=294			S		19 48 19.1	+0.9
NCUH	Zhongli	0.81 292	↑P	Pn		19 48 06.9	+0.5
NCUH	baz=293			eS		19 48 18.8	+0.5
NFF	Wufeng Townshi	0.81 268	↑P	Pn		19 48 06.9	+0.4
NFF	baz=268			eS		19 48 18.6	+0.1
ETM	Tongmen	0.84 214	↑P	Pn		19 48 06.3	-0.5
ETM	baz=213			eS		19 48 17.9	-1.0
NJD	Zhudong	0.84 275	↑P	Pn		19 48 07.6	+0.8
NJD	baz=276			eS		19 48 20.0	+1.0
WHF	Hehuan Shan	0.85 233	↑P	Pn		19 48 07.4	+0.1
WHF	baz=232			eS		19 48 19.7	-0.1
TWT	Tachien	0.86 242	↑P	Pn		19 48 08.2	+1.0
TWT	baz=241			eS		19 48 20.3	+0.6
JYNG	Yonagunijimaku	0.88 104	↑P	Pn		19 48 07.6	+0.4
JYNG	baz=205			eS		19 48 19.9	+0.3
TEYL	Yanliu Villag	0.88 206	↑P	Pn		19 48 07.2	0.0
TEYL	baz=205			eS		19 48 19.5	-0.1
TDCB	Techi	0.88 243	↑P	Pn		19 48 08.2	+0.8
TDCB	baz=242			eS		19 48 19.9	0.0
LIOB	Em	0.91 269	↑P	Pn		19 48 08.2	+0.6
LIOB	baz=270			eS		19 48 21.6	+0.7
HSN1	Hsinchu	0.91 277	↑P				

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like EZN Ezine, PRK Parakevi, BAYC CANAKKALE_Bayr, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like T1219 comp=E,236um,0.1s, T1219 comp=N,196um,0.7s, etc.

IDC 12 22:24:18.4.2.3, 1876N, 145.62E, h186km, 22km, mb3.4/14, mbtmp4.0/16, Error ellipse: s-maj=21.0km s-min=12.4km az=80.0

ROM 12 22:31:57.0.1.1, 42.945N, 0.002, 13.047E, 0.003, h28km, ML1.3/6, 4C-2D Error ellipse: s-maj=0.2km s-min=0.0km az=237.0, Central Italy

IDC 12 22:24:18.1.1.4, 18.77N, 0.07, 145.5E, 0.1, h173km, 5km, mb4.1/33, Error ellipse: s-maj=20.5km s-min=9.8km az=84.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like GUMO Guam, T1216 Preci, Frazion, etc.

Table with columns: SMRC, comp, Z, Az, i, Pn, Time, Res. Includes stations like MACC Macarena, JAMC Jamundi, MALC Bahia Malaga, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALK Pallekele, WSAR Wadi Sarin, BRDH Baradhaha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MBAR Mbarara, LSJ Lusaka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SUR Sutherland, SONM Songo Array, PMG Port Moresby, etc.

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

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

Table with columns: BLB Baldybasty, ANVS Anan'yev, ANVS baz=39, DJR Jarkent, etc.

Table with columns: DJR Jarkent, KTBS Karatobe, KTBS Karatobe, etc.

Table with columns: KTBS Karatobe, KDJ Kajsay, TARG Taragay, etc.

Table with columns: KUU Kurly, KRBS Karabastu, KRBS Karabastu, etc.

Table with columns: RATU Laukkulussa, RATU KOUV, NIKU Nikaluokta, etc.

Table with columns: KIF Kilpisjarvi, KIF Kilpisjarvi, KIF Kilpisjarvi, etc.

Table with columns: HEF Hetta, HEF Hetta, HEF Hetta, etc.

Table with columns: HEF Hetta, HEF Hetta, HEF Hetta, etc.

Table with columns: JMM Marumori, JMM Marumori, JMM Marumori, etc.

Table with columns: JMM Marumori, JMM Marumori, JMM Marumori, etc.

Table with columns: JMM Marumori, JMM Marumori, JMM Marumori, etc.

Table with columns: JMM Marumori, JMM Marumori, JMM Marumori, etc.

Table with columns: JMM Marumori, JMM Marumori, JMM Marumori, etc.

Table with columns: JMM Marumori, JMM Marumori, JMM Marumori, etc.

Table with columns: JMM Marumori, JMM Marumori, JMM Marumori, etc.

Table with columns: JMM Marumori, JMM Marumori, JMM Marumori, etc.

UPP 13 00:30:36.0:0.0, 67.82N:20.21E, h0km, ML2.5, Suspected explosion

HEL 13 00:30:36.7:0.2, 67.82N:20.29E, h0km, ML1.6, Explosion

ISC 13 00:30:35.1:0.8, 67.79N:0.02:20.38E:0.03, h0km, n31, r190/43, Sweden

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMT Temabayashi, INU Inuyama, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JEM Erimo, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHS Salyo, KUR Kurik, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JSS Yuzh-Sakhalins, JSS Yuzh-Sakhalins, etc.

IDL 13 00:47:57.0:0.6, 37.12N:141.35E, h0km, mb4.0/24, mbmp4.1/32, ML3.6/6, MS3.2/3, Error ellipse: s-maj=15.7km s-min=12.0km az=144.0

JMA 13 00:47:58.0:0.2, 37.1N:0.3:141.4E:0.8, h26km, 1km, MD4.4/40, MV4.3/40, E OFF FUKUSHIMA PREF

JMA Felt I1 at E OFF FUKUSHIMA PREF

NIED 13 00:47:58.8, 37.13N:141.37E, h26km, MW4.1, Moment Tensor Solution. s3. Moment tensor: Scale 10^15Nm; Mn=0.70; Mw=0.03; Mxx=0.18; Myy=0.33; Mzz=1.10; Fault plane solution: M1.35000x10^15 Np1: phi=177.0000; theta=0.0000; delta=107.0000. NP2: phi=65.0000; theta=0.0000; delta=45.0000.

MOS 13 00:47:59.6, 0.8, 37.31N:141.32E, h25km, mb4.6/9 Error ellipse: s-maj=9.9km s-min=7.1km az=93.3

ISC 13 00:47:57.4:1.4, 37.12N:0.04:141.45E:0.05, h5km, 8km, n123, r191/95, mb4.1/30, 7C, Near east coast of eastern Honshu

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JEM Erimo, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHS Salyo, KUR Kurik, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JSS Yuzh-Sakhalins, JSS Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JSS Yuzh-Sakhalins, JSS Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, Time, Residual. Includes stations like H03N2, H03N1, H03N3, H03N4, H03N5, H03N6, H03N7, H03N8, H03N9, H03N10, H03N11, H03N12, H03N13, H03N14, H03N15, H03N16, H03N17, H03N18, H03N19, H03N20, H03N21, H03N22, H03N23, H03N24, H03N25, H03N26, H03N27, H03N28, H03N29, H03N30, H03N31, H03N32, H03N33, H03N34, H03N35, H03N36, H03N37, H03N38, H03N39, H03N40, H03N41, H03N42, H03N43, H03N44, H03N45, H03N46, H03N47, H03N48, H03N49, H03N50, H03N51, H03N52, H03N53, H03N54, H03N55, H03N56, H03N57, H03N58, H03N59, H03N60, H03N61, H03N62, H03N63, H03N64, H03N65, H03N66, H03N67, H03N68, H03N69, H03N70, H03N71, H03N72, H03N73, H03N74, H03N75, H03N76, H03N77, H03N78, H03N79, H03N80, H03N81, H03N82, H03N83, H03N84, H03N85, H03N86, H03N87, H03N88, H03N89, H03N90, H03N91, H03N92, H03N93, H03N94, H03N95, H03N96, H03N97, H03N98, H03N99, H03N100.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, Time, Residual. Includes stations like NVLJ, NVLJ2, NVLJ3, NVLJ4, NVLJ5, NVLJ6, NVLJ7, NVLJ8, NVLJ9, NVLJ10, NVLJ11, NVLJ12, NVLJ13, NVLJ14, NVLJ15, NVLJ16, NVLJ17, NVLJ18, NVLJ19, NVLJ20, NVLJ21, NVLJ22, NVLJ23, NVLJ24, NVLJ25, NVLJ26, NVLJ27, NVLJ28, NVLJ29, NVLJ30, NVLJ31, NVLJ32, NVLJ33, NVLJ34, NVLJ35, NVLJ36, NVLJ37, NVLJ38, NVLJ39, NVLJ40, NVLJ41, NVLJ42, NVLJ43, NVLJ44, NVLJ45, NVLJ46, NVLJ47, NVLJ48, NVLJ49, NVLJ50, NVLJ51, NVLJ52, NVLJ53, NVLJ54, NVLJ55, NVLJ56, NVLJ57, NVLJ58, NVLJ59, NVLJ60, NVLJ61, NVLJ62, NVLJ63, NVLJ64, NVLJ65, NVLJ66, NVLJ67, NVLJ68, NVLJ69, NVLJ70, NVLJ71, NVLJ72, NVLJ73, NVLJ74, NVLJ75, NVLJ76, NVLJ77, NVLJ78, NVLJ79, NVLJ80, NVLJ81, NVLJ82, NVLJ83, NVLJ84, NVLJ85, NVLJ86, NVLJ87, NVLJ88, NVLJ89, NVLJ90, NVLJ91, NVLJ92, NVLJ93, NVLJ94, NVLJ95, NVLJ96, NVLJ97, NVLJ98, NVLJ99, NVLJ100.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, Time, Residual. Includes stations like STAL, STAL2, STAL3, STAL4, STAL5, STAL6, STAL7, STAL8, STAL9, STAL10, STAL11, STAL12, STAL13, STAL14, STAL15, STAL16, STAL17, STAL18, STAL19, STAL20, STAL21, STAL22, STAL23, STAL24, STAL25, STAL26, STAL27, STAL28, STAL29, STAL30, STAL31, STAL32, STAL33, STAL34, STAL35, STAL36, STAL37, STAL38, STAL39, STAL40, STAL41, STAL42, STAL43, STAL44, STAL45, STAL46, STAL47, STAL48, STAL49, STAL50, STAL51, STAL52, STAL53, STAL54, STAL55, STAL56, STAL57, STAL58, STAL59, STAL60, STAL61, STAL62, STAL63, STAL64, STAL65, STAL66, STAL67, STAL68, STAL69, STAL70, STAL71, STAL72, STAL73, STAL74, STAL75, STAL76, STAL77, STAL78, STAL79, STAL80, STAL81, STAL82, STAL83, STAL84, STAL85, STAL86, STAL87, STAL88, STAL89, STAL90, STAL91, STAL92, STAL93, STAL94, STAL95, STAL96, STAL97, STAL98, STAL99, STAL100.

BEO 13 01:31:53.0-0.5, 43.76N; 16.71E, h1km, 2km, ML3.7/15
PDG 13 01:31:53.0-0.6, 43.77N; 16.88E, h1km, MD4.1/8,
ML4.0/13, Error ellipse: s-maj=0.5km, s-min=0.6km, az=0.0
IDC 13 01:31:54.0-1.0, 43.80N; 16.87E, h0km, mb4.4,
mbmp3.5/13, ML3.4/9, MS2.3/1, Error ellipse:
s-maj=15.5km, s-min=11.7km, az=62.0
LDG 13 01:31:54.0-2.0, 43.81N; 16.92E, h3km, MG.7/33, Error
ellipse: s-maj=8.1km, s-min=4.4km, az=26.0
RHSSO 13 01:31:54.6-0.3, 43.72N; 16.87E, h3km, mL4.0/20
NEIC 13 01:31:55.7-1.8, 43.71N; 0.05-16.83E, h16km, 3km,
mb4.1/9, Error ellipse: s-maj=8.0km, s-min=6.4km
az=191.0
ROM 13 01:31:56.2, 43.80N; 16.86E, h10km, mb4.1/8, Error
ellipse: s-maj=2.2km, s-min=0.2km, az=39.0
PRU 13 01:31:57.0, 43.80N; 16.91E, h10km, M4.1
THE 13 01:31:58.0, 43.33N; 16.68E, h12km, 43km, ML3.8/10,
Error ellipse: s-maj=5.7km, s-min=2.5km, az=310.0
ISC 13 01:31:54.6-0.8, 43.71N; 0.02-16.81E, h3km, 6km,
n361, a221/506, mb3.9/8, 45C-40D, Northwestern Balkan
Peninsula

Code Station Name Az AZ' Phase ID Time Res
RICI RICE 0.32 133 P Pg Op 01 32 14.0 +0.8
RICI RICE 0.32 133 P Pg Op 01 32 06.4 +0.2
KJUV Kijev 0.41 115 P Pg Op 01 32 01.9 -1.1
KJUV Kijev 0.41 115 P Pg Op 01 32 08.4 -0.3
SRKY Kupres RS 0.44 36 P Pg Op 01 32 07.1 -1.9
SRKY Kupres RS 0.44 36 P Pg Op 01 32 08.1 -1.5
MAKA Makarska 0.45 160 P Pg Op 01 32 10.3 -0.4
MAKA Makarska 0.45 160 P Pg Op 01 32 10.3 -0.4
HVAR Hvar 0.59 206 P Pg Op 01 32 05.7 -0.7
HVAR Hvar 0.59 206 P Pg Op 01 32 14.8 0.0
MGRS Mркоnjic Grad 0.73 16 P Pg Op 01 32 07.2 -1.8
MGRS Mркоnjic Grad 0.73 16 P Pg Op 01 32 17.4 -1.3
A050A Mlekovaca 0.79 346 P Pg Op 01 32 02.7 -1.9
A050A Mlekovaca 0.79 346 P Pg Op 01 32 20.1 -0.5
MORI MORI 0.81 281 P Pg Op 01 32 09.8 -0.6
MORI MORI 0.81 281 P Pg Op 01 32 23.0 0.0
ZIRJ Zirje 0.84 266 P Pg Op 01 32 10.5 -0.4
ZIRJ Zirje 0.84 266 P Pg Op 01 32 23.9 +0.1
LSTV Lastovo 0.95 176 P Pg Op 01 32 11.2 -0.2
LSTV Lastovo 0.95 176 P Pg Op 01 32 27.6 +0.4
STON Ston 1.07 142 P Pg Op 01 32 13.1 -1.5
STON Ston 1.07 142 P Pg Op 01 32 29.1 -0.1
STON Ston 1.07 142 P Pg Op 01 32 13.2 -1.5
STON Ston 1.07 142 P Pg Op 01 32 30.1 -0.8
STON Ston 1.07 142 P Pg Op 01 32 13.0 -1.7
STON Ston 1.07 142 P Pg Op 01 32 27.7 -0.6
BLY Banja Luka 1.07 15 P Pg Op 01 32 13.5 -1.2
BLY Banja Luka 1.07 15 P Pg Op 01 32 14.1 -0.7
BLY Banja Luka 1.07 15 P Pg Op 01 32 28.6 +0.0
BLY Banja Luka 1.07 15 P Pg Op 01 32 13.3 -1.5
BLY Banja Luka 1.07 15 P Pg Op 01 32 28.3 -0.2
UBDI Ubdina 1.11 318 P Pg Op 01 32 14.9 -0.5
UBDI Ubdina 1.11 318 P Pg Op 01 32 31.0 +0.5
PRIJ Prijedor 1.26 357 P Pg Op 01 32 18.0 -0.1
PRIJ Prijedor 1.26 357 P Pg Op 01 32 34.7 +0.7
DUGI Dugi Otok 1.29 283 P Pg Op 01 32 18.7 +0.2
DUGI Dugi Otok 1.29 283 P Pg Op 01 32 38.8 +0.3
A051A Mrakovica 1.30 31 P Pg Op 01 32 18.2 0.0
A051A Mrakovica 1.30 31 P Pg Op 01 32 35.9 +0.6
DOB Dob 1.38 42 P Pg Op 01 32 18.4 -0.8
DOB Dob 1.38 42 P Pg Op 01 32 36.5 +0.6
VIRC Virc 1.39 295 P Pg Op 01 32 20.0 -0.2
VIRC Virc 1.39 295 P Pg Op 01 32 41.4 +1.9
DBRK Dubrovnik 1.43 136 P Pg Op 01 32 19.9 -0.1
DBRK Dubrovnik 1.43 136 P Pg Op 01 32 42.7 +1.8
PLIT Plitvice 1.44 324 P Pg Op 01 32 20.9 -0.5
PLIT Plitvice 1.44 324 P Pg Op 01 32 32.0 +0.6
A052A Srbac 1.48 20 P Pg Op 01 32 20.9 +0.3
A052A Srbac 1.48 20 P Pg Op 01 32 41.2 +1.0
BRY Bratogost 1.50 122 P Pg Op 01 32 20.7 -0.3
BRY Bratogost 1.50 122 P Pg Op 01 32 20.9 -0.1
BRY Bratogost 1.50 122 P Pg Op 01 32 44.1 +0.9
TREC Trebinje 1.51 131 P Pg Op 01 32 21.2 +0.3
TREC Trebinje 1.51 131 P Pg Op 01 32 44.0 +0.8
TREC Trebinje 1.51 131 P Pg Op 01 32 20.7 -0.2
TREC Trebinje 1.51 131 P Pg Op 01 32 41.2 +0.6
HAPS Han Pijesak, BI 1.59 76 P Pg Op 01 32 23.6 -0.2
HAPS Han Pijesak, BI 1.59 76 P Pg Op 01 32 23.4 -0.4
HAPS Han Pijesak, BI 1.59 76 P Pg Op 01 32 43.8 +0.1
UPM Unac-Piva 1.61 108 P Pg Op 01 32 23.3 +0.7
UPM Unac-Piva 1.61 108 P Pg Op 01 32 45.0 +0.7
UPM Unac-Piva 1.61 108 P Pg Op 01 32 22.9 +0.3
UPM Unac-Piva 1.61 108 P Pg Op 01 32 46.7 0.0

KEK Kerika 4.55 332 P Pg Op 01 33 05.7 +2.8
KEK Kerika 4.55 332 P Pg Op 01 33 08.3 +3.4
BIOA Bad Ischl, Aus 4.55 332 P Pg Op 01 33 05.7 +2.8
BIOA Bad Ischl, Aus 4.55 332 P Pg Op 01 33 05.7 +2.8
BIOA Bad Ischl, Aus 4.55 332 P Pg Op 01 33 58.8 +3.4
KEK Kerika 4.55 332 P Pg Op 01 33 05.7 +2.8
GZR Gura Zlata 4.59 66 P Pg Op 01 33 04.5 +1.3
MODS Modra-Piesok 4.67 4 ePg Op 01 33 05.5 +1.0
MODS Modra-Piesok 4.67 4 ePg Op 01 33 57.4 -0.9
SRE Strehaia 4.70 76 P Pg Op 01 33 05.7 +0.9
PSZ Piskiseteto 4.73 26 P Pg Op 01 33 05.2 +0.3
PRMA PARMa 4.78 285 P Pg Op 01 33 07.9 +2.0
VTS Vitosa 4.83 101 P Pg Op 01 34 05.0 +2.6
VTS Vitosa 4.83 101 P Pg Op 01 33 09.4 +2.6
VTS Vitosa 4.83 101 P Pg Op 01 33 10.5 +3.7
DEVA Deva 4.85 61 P Pg Op 01 33 07.2 +0.3
SALO Salir 4.87 295 P Pg Op 01 33 08.2 +1.0
SALO Salir 4.87 295 P Pg Op 01 33 09.0 +1.8
VAY Valandovo 4.89 117 P Pg Op 01 33 09.4 +2.0
RJOB Jochberg 4.91 327 P Pg Op 01 33 10.9 +3.1
IGT Igomuentsa 4.94 146 P Pg Op 01 33 09.0 +0.8
IGT Igomuentsa 4.94 146 P Pg Op 01 34 04.9 -0.1
GRG Griva 4.98 122 P Pg Op 01 33 10.8 +2.1
VYHS Vyhne 4.99 16 ePg Op 01 33 09.6 +0.8
VYHS Vyhne 4.99 16 ePg Op 01 34 05.3 -0.7
KZNI Kozani 5.03 31 P Pg Op 01 33 12.2 +2.8
JAN Janina 5.06 142 P Pg Op 01 33 11.3 +1.5
WAT Wattenberg 5.08 316 P Pg Op 01 33 12.8 +2.5
WAT Wattenberg 5.08 316 P Pg Op 01 33 12.8 +2.5
WTTA Wattenberg 5.08 316 P Pg Op 01 34 14.2 +5.6
WTTA Wattenberg 5.08 316 P Pg Op 01 33 12.7 +2.5
WATA Walderalm 5.16 316 P Pg Op 01 33 13.9 +2.6
WATA Walderalm 5.16 316 P Pg Op 01 34 15.7 +5.2
WATA Walderalm 5.16 316 P Pg Op 01 33 13.9 +2.6
WATA Walderalm 5.16 316 P Pg Op 01 34 15.6 +5.2
KNT Kendrick 5.18 117 P Pg Op 01 33 12.8 +1.3
JAVC Velka Javorina 5.18 6 ePg Op 01 33 15.3 +4.0
JAVC Velka Javorina 5.18 6 ePg Op 01 34 10.0 +0.1
DRGR Dravograd 5.18 52 P Pg Op 01 33 12.8 +0.8
SQTa Sankt Quirin 5.27 314 P Pg Op 01 33 15.8 +3.0
SQTa Sankt Quirin 5.27 314 P Pg Op 01 33 17.6 +4.0
SQTa Sankt Quirin 5.27 314 P Pg Op 01 33 15.8 +3.0
SQTa Sankt Quirin 5.27 314 P Pg Op 01 34 17.6 +4.4
MSSA Maissana 5.29 279 P Pg Op 01 33 14.7 +1.7
MSSA Maissana 5.29 279 P Pg Op 01 34 15.0 +4.0
MARR Marisef-Cluj 5.36 54 P Pg Op 01 33 15.3 +4.0
MARR Marisef-Cluj 5.36 54 P Pg Op 01 34 16.0 +0.8
KRUC Kruc 5.36 357 P Pg Op 01 33 14.5 +0.6
KRUC Kruc 5.36 357 P Pg Op 01 34 14.3 -0.9
CKRC Cesky Krumlov 5.39 342 P Pg Op 01 33 14.6 +2.0
MOTA Moosalm 5.41 314 P Pg Op 01 33 17.2 +2.6
MOTA Moosalm 5.41 314 P Pg Op 01 34 21.6 +5.0
MOTA Moosalm 5.41 314 P Pg Op 01 33 17.2 +2.6
MOTA Moosalm 5.41 314 P Pg Op 01 34 21.6 +5.0
FETA Feichten 5.41 310 P Pg Op 01 33 17.1 +2.4
FETA Feichten 5.41 310 P Pg Op 01 34 24.5 +7.9
KECS Kecovo 5.41 27 P ePg Op 01 33 16.8 +2.2
KECS Kecovo 5.41 27 P ePg Op 01 34 15.5 -1.0
FUORN Ofenpass-Fuorn 5.46 304 P Pg Op 01 33 17.7 +2.1
MESR Messeni 5.52 49 P Pg Op 01 33 16.6 +0.4
GECZ GERESS Array S 5.56 338 P Pg Op 01 33 17.7 +0.5
GECZ GERESS Array S 5.56 338 P Pg Op 01 33 18.5 +0.7
GERES GERESS Array B 5.56 338 P Pg Op 01 33 18.6 +1.8
GERES GERESS Array B 5.56 338 P Pg Op 01 34 22.4 +2.0
GERES GERESS Array B 5.56 338 P Pg Op 01 33 18.1 +1.3
LIT Litokhoron 5.57 128 P Pg Op 01 33 18.2 +1.3
LIT Litokhoron 5.57 128 P Pg Op 01 33 17.9 +0.7
VRAC Vranov 5.60 359 P Pg Op 01 34 22.2 +1.1
VRAC Vranov 5.60 359 P Pg Op 01 33 18.0 +0.9
VRAC Vranov 5.60 359 P Pg Op 01 34 20.0 -1.1
VRAC Vranov 5.60 359 P Pg Op 01 33 17.8 +0.7
SRS Serral 5.65 115 P Pg Op 01 33 20.3 +2.3
CJR Cluj Napoca 5.67 314 P Pg Op 01 33 19.0 +0.5
RETA Reutte 5.67 314 P Pg Op 01 33 20.5 +2.2
RETA Reutte 5.67 314 P Pg Op 01 34 26.1 +3.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, Time, Residual. Includes stations like RIC1, KJUV, SRKY, MAKA, HVAR, MGRS, A050A, MORI, MORI, ZIRJ, LSTV, STON, STON, STON, BLY, BLY, BLY, UBDI, PRIJ, DUGI, DUGI, A051A, DOB, VIRC, DBRK, DBRK, PLIT, PLIT, A052A, BRY, BRY, BRY, TREC, TREC, TREC, HAPS, HAPS, HAPS, UPM, UPM, UPM.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, Time, Residual. Includes stations like NVLJ, NVLJ2, NVLJ3, NVLJ4, NVLJ5, NVLJ6, NVLJ7, NVLJ8, NVLJ9, NVLJ10, NVLJ11, NVLJ12, NVLJ13, NVLJ14, NVLJ15, NVLJ16, NVLJ17, NVLJ18, NVLJ19, NVLJ20, NVLJ21, NVLJ22, NVLJ23, NVLJ24, NVLJ25, NVLJ26, NVLJ27, NVLJ28, NVLJ29, NVLJ30, NVLJ31, NVLJ32, NVLJ33, NVLJ34, NVLJ35, NVLJ36, NVLJ37, NVLJ38, NVLJ39, NVLJ40, NVLJ41, NVLJ42, NVLJ43, NVLJ44, NVLJ45, NVLJ46, NVLJ47, NVLJ48, NVLJ49, NVLJ50, NVLJ51, NVLJ52, NVLJ53, NVLJ54, NVLJ55, NVLJ56, NVLJ57, NVLJ58, NVLJ59, NVLJ60, NVLJ61, NVLJ62, NVLJ63, NVLJ64, NVLJ65, NVLJ66, NVLJ67, NVLJ68, NVLJ69, NVLJ70, NVLJ71, NVLJ72, NVLJ73, NVLJ74, NVLJ75, NVLJ76, NVLJ77, NVLJ78, NVLJ79, NVLJ80, NVLJ81, NVLJ82, NVLJ83, NVLJ84, NVLJ85, NVLJ86, NVLJ87, NVLJ88, NVLJ89, NVLJ90, NVLJ91, NVLJ92, NVLJ93, NVLJ94, NVLJ95, NVLJ96, NVLJ97, NVLJ98, NVLJ99, NVLJ100.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, Time, Residual. Includes stations like STAL, STAL2, STAL3, STAL4, STAL5, STAL6, STAL7, STAL8, STAL9, STAL10, STAL11, STAL12, STAL13, STAL14, STAL15, STAL16, STAL17, STAL18, STAL19, STAL20, STAL21, STAL22, STAL23, STAL24, STAL25, STAL26, STAL27, STAL28, STAL29, STAL30, STAL31, STAL32, STAL33, STAL34, STAL35, STAL36, STAL37, STAL38, STAL39, STAL40, STAL41, STAL42, STAL43, STAL44, STAL45, STAL46, STAL47, STAL48, STAL49, STAL50, STAL51, STAL52, STAL53, STAL54, STAL55, STAL56, STAL57, STAL58, STAL59, STAL60, STAL61, STAL62, STAL63, STAL64, STAL65, STAL66, STAL67, STAL68, STAL69, STAL70, STAL71, STAL72, STAL73, STAL74, STAL75, STAL76, STAL77, STAL78, STAL79, STAL80, STAL81, STAL82, STAL83, STAL84, STAL85, STAL86, STAL87, STAL88, STAL89, STAL90, STAL91, STAL92, STAL93, STAL94, STAL95, STAL96, STAL97, STAL98, STAL99, STAL100.

KLMR	Klimovskoje	73.68	330	eP	P	03 00 04.2	-1.6		
P16K	Nushagak River	73.71	32	P	P	03 00 06.2	+0.2		
BKZ	Black Stump Fm	74.08	138	P	IAMB	03 00 07.4	-1.1		
RTZ	Rustahuna	74.09	137	P	P	03 00 08.4	-0.2		
O17K	Koliganek Bris	74.16	31	P	P	03 00 09.3	+0.7		
GCSA	Galena City Sc	74.28	26	P	P	03 00 10.2	+1.0		
A21K	Barrow	74.57	19	P	P	03 00 10.1	-0.6		
A21K	Barrow	74.57	19	P	P	03 00 11.5	+0.8		
TTA	Tatalina	74.66	28	P	IAMB	03 00 11.9	+0.3		
TTA	Tatalina	74.66	28	P	P	03 00 12.2	+0.7		
Q17K	Contact Creek	74.82	33	P	P	03 00 12.7	+0.1		
O18K	Koktuh Hills	75.12	31	P	P	03 00 14.4	+0.2		
O18K	Koktuh Hills	75.12	31	P	P	03 00 14.3	+0.2		
P18K	Big Mountain	75.12	32	P	IAMB	03 00 14.9	+0.8		
P18K	Big Mountain	75.12	32	P	P	03 00 14.4	+0.2		
L19K	White Mountain	75.21	29	P	IAMB	03 00 14.9	+0.2		
L19K	White Mountain	75.21	29	P	P	03 00 14.8	+0.2		
M19K	Big River Lodg	75.44	29	P	P	03 00 16.9	+1.0		
N19K	Bonanza Creek	75.44	30	P	IAMB	03 00 15.2	-0.8		
N19K	Bonanza Creek	75.44	30	P	P	03 00 16.7	+0.6		
K20K	Telida	75.53	28	P	IAMB	03 00 17.0	+0.6		
K20K	Telida	75.53	28	P	P	03 00 17.2	+0.8		
O19K	Port Alsworth	75.55	31	P	P	03 00 16.8	+0.3		
IMAR	Indian Mountain	75.58	25	P	P	03 00 17.3	+0.6		
F21K	Alatna River	75.66	24	P	P	03 00 18.1	+1.0		
L20K	Farewell, AK	75.66	29	P	P	03 00 18.2	+1.1		
G21K	Allakaket	75.67	24	P	P	03 00 18.3	+1.2		
Q19K	Cape Douglas	75.96	32	P	P	03 00 19.1	+0.1		
H21K	Melozitna Rive	75.98	25	P	IAMB	03 00 19.3	+0.3		
H21K	Melozitna Rive	75.98	25	P	P	03 00 19.6	+0.7		
M20K	Styx River	76.04	29	P	IAMB	03 00 18.9	-0.5		
M20K	Styx River	76.04	29	P	P	03 00 20.3	+0.8		
F22K	John River	76.15	23	P	P	03 00 20.6	+0.7		
OHAK	Old Harbor	76.27	34	P	P	03 00 21.7	+1.0		
CHUM	Lake Minchumin	76.29	27	P	P	03 00 21.4	+0.7		
I21K	Tanana	76.36	26	P	P	03 00 22.0	+0.9		
O20K	Slope Mountain	76.40	31	P	P	03 00 21.6	+0.2		
PPLA	Purkeypile	76.41	28	P	IAMB	03 00 21.4	-0.5		
PPLA	Purkeypile	76.41	28	P	P	03 00 22.2	+0.6		
CAST	Castle Rocks	76.42	28	P	P	03 00 22.6	+1.1		
CAST	Castle Rocks	76.42	28	P	P	03 00 22.7	+0.7		
G22K	Bettles	76.44	24	P	P	03 00 22.6	+1.1		
SPCR	Spurr Chakacha	76.52	30	P	P	03 00 22.7	+0.5		
H22K	Ishitalina Cr	76.56	25	P	P	03 00 23.6	+1.3		
SPU	Mount Spurr	76.60	30	P	P	03 00 21.9	-0.6		
D23K	Nanushuk River	76.62	22	P	P	03 00 23.7	+1.2		
Q20K	Shuyak Island	76.63	32	P	P	03 00 23.4	+0.7		
SKT	Skwentna	76.78	29	P	IAMB	03 00 22.2	-1.4		
SKT	Skwentna	76.78	29	P	P	03 00 23.7	+0.1		
BPBW	Bear Paw Mtn.	76.86	27	P	P	03 00 23.4	-0.6		
BPBW	Bear Paw Mtn.	76.86	27	P	P	03 00 25.0	+1.1		
MLY	Manley	76.89	26	P	P	03 00 24.5	+0.4		
MLY	Manley	76.89	26	P	P	03 00 25.0	+0.9		
COLD	Coldfoot	76.93	24	P	P	03 00 23.4	-0.9		
COLD	Coldfoot	76.93	24	P	P	03 00 25.0	+0.8		
KTH	Kantishna Hill	76.93	27	P	IAMB	03 00 24.4	0.0		
G23K	Banana Creek	77.04	24	P	P	03 00 25.6	+0.6		
CAPN	Captain Cook N	77.07	30	P	P	03 00 26.0	+0.9		
E23K	Chandler	77.08	23	P	P	03 00 26.4	+1.2		
CNPM	China Poot	77.15	31	P	IAMB	03 00 25.1	-0.5		
SUA	Susitna	77.20	29	P	P	03 00 25.1	-0.9		
SUA	Susitna One	77.20	29	P	P	03 00 25.9	-0.1		
TRF	Thorofare Moun	77.22	27	P	IAMB	03 00 26.9	+0.7		
TRF	Thorofare Moun	77.22	27	P	P	03 00 26.7	+0.5		
D24K	Franklin Bluff	77.26	21	P	P	03 00 26.6	+0.5		
D24K	Happy Valley	77.27	22	P	P	03 00 26.8	+0.7		
BRLK	Bradley Lake	77.30	31	P	IAMB	03 00 26.9	+0.4		
H23K	Yukon River	77.32	25	P	IAMB	03 00 27.5	+1.0		
H23K	Yukon River	77.32	25	P	P	03 00 27.3	+0.8		
CUT	Chulitna	77.34	29	P	P	03 00 27.1	+0.5		
BRSE	Bradley Lake S	77.38	31	P	P	03 00 27.4	+0.5		
I23K	Minto, Yukon-K	77.46	26	P	IAMB	03 00 28.1	+0.3		
I23K	Minto, Yukon-K	77.46	26	P	P	03 00 28.2	+1.0		
BNN	Bunyan	77.47	307	P	IAMB	03 00 27.9	-0.1		
M22K	Willow	77.47	29	P	P	03 00 26.3	-1.0		
M22K	Willow	77.47	29	P	P	03 00 27.7	+0.4		
E24K	Your Creek	77.50	23	P	P	03 00 28.6	+1.1		
NEA2	Nenana	77.64	26	P	IAMB	03 00 28.0	-0.2		
NEA2	Nenana	77.64	26	P	P	03 00 29.4	+1.1		

RC01	Rabbit Creek A	77.73	30	P	IAMB	03 00 28.8	0.0		
RC01	Rabbit Creek A	77.73	30	P	P	03 00 29.2	+0.5		
F24K	Squaw Lake	77.79	23	P	P	03 00 29.6	+0.5		
MCK	McKinley	77.80	27	P	P	03 00 28.8	-0.4		
MCK	McKinley	77.80	27	P	P	03 00 29.5	+0.3		
O22K	Cooper Landing	77.80	30	P	P	03 00 28.0	-1.2		
O22K	Cooper Landing	77.80	30	P	P	03 00 29.1	-0.1		
RND	Reindeer	77.87	27	P	IAMB	03 00 29.1	-0.5		
RND	Reindeer	77.87	27	P	P	03 00 30.3	+0.2		
MDM	Murphy Dome	77.96	26	P	IAMB	03 00 30.2	0.0		
MDM	Murphy Dome	77.96	26	P	P	03 00 30.0	-0.1		
PMR	Palmer	77.96	29	P	P	03 00 29.5	-0.7		
SEW	Seward	77.98	31	P	IAMB	03 00 30.2	0.0		
SEW	Seward	77.98	31	P	P	03 00 30.5	+0.4		
H24K	Noodor Dome	78.00	25	P	IAMB	03 00 30.0	-0.3		
H24K	Noodor Dome	78.00	25	P	P	03 00 30.6	+0.3		
G24K	Hadweenciz Riv	78.05	24	P	P	03 00 31.0	+0.5		
WAT1	Susitna Watana	78.08	28	P	P	03 00 31.1	+0.3		
WRH	Wood River Hill	78.08	26	P	P	03 00 30.9	+0.3		
D25K	Kavik River	78.12	21	P	P	03 00 30.9	+0.1		
TCOL	CIGO, UAF Yank	78.12	26	P	P	03 00 31.1	+0.2		
COLA	College	78.13	26	P	IAMB	03 00 30.8	-0.1		
COLA	College	78.13	26	P	P	03 00 31.5	+0.6		
CCB	Clear Creek Bu	78.18	26	P	P	03 00 31.4	+0.2		
POKR	Poker Plat Res	78.27	26	P	P	03 00 32.2	+0.5		
KNK	Knik Glacier	78.30	29	P	IAMB	03 00 31.9	0.0		
KNK	Knik Glacier	78.30	29	P	P	03 00 32.1	+0.1		
KNK	Knik Glacier	78.30	29	P	P	03 00 31.6	-0.4		
SML	Sawmill	78.31	29	P	IAMB	03 00 32.0	-0.1		
SML	Sawmill	78.31	29	P	P	03 00 31.9	-0.9		
PWL	Port Wells	78.43	30	P	P	03 00 33.4	+0.6		
PWL	Port Wells	78.43	30	P	P	03 00 33.8	+0.3		
C26K	Camden Bay	78.54	21	P	P	03 00 33.4	+0.3		
IL31	Eielson Array	78.55	26	P	P	03 00 31.8	-1.4		
ILAR	Eielson Array	78.55	26	P	P	03 00 32.5	-0.7		
ILAR	Eielson Array	78.55	26	P	P	03 00 31.7	-1.6		
HDA	Harding Lake	78.58	26	P	IAMB	03 00 32.5	-1.0		
HDA	Harding Lake	78.58	26	P	P	03 00 33.3	-0.1		
G25K	Bearman Lake	78.58	24	P	P	03 00 33.8	+0.5		
E25K	Arctic Village	78.58	22	P	P	03 00 34.3	+0.8		
M23K	Glacier View	78.60	29	P	P	03 00 34.2	+0.6		
F25K	Chitinan River	78.64	23	P	P	03 00 34.6	+0.8		
SCM	Sheep Creek Mo	78.78	29	P	IAMB	03 00 34.5	-0.1		
SCM	Sheep Creek Mo	78.78	29	P	P	03 00 35.2	+0.6		
ARAO	ARCES Array S	78.90	339	eP	P	03 00 34.5	-0.6		
ARCES	ARCES Array B	78.90	339	P	P	03 00 34.9	-0.2		
ARCES	ARCES Array B	78.90	339	P	P	03 00 34.0	-1.1		
FYU	Fort Yukon	78.96	24	P	IAMB	03 00 35.6	+0.2		
C27K	Jago River	79.00	21	P	P	03 00 36.3	+0.7		
PRP	Porcupine Dome	79.01	25	P	IAMB	03 00 36.0	0.0		
PRP	Porcupine Dome	79.01	25	P	P	03 00 36.6	+0.6		
BR131	Keskin Array S	79.04	308	P	P	03 00 35.1	-1.5		
BR131	Keskin Array S	79.04	308	P	P	03 00 36.4	-0.3		
BR131	Keskin Array S	79.04	308	P	P	03 00 35.9	-0.7		
BMAR	Burnt Mountain	79.07	23	P	P	03 00 36.5	+0.4		
K24K	Donnelly Dome								

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for KURBB, MKAR, and BVAR.

ROM 13 05:53.82.0.0, 42.767N, 01002.13.066E, 0.003, h13km, ML1.6/13, 7C-2D, Error ellipse: s-maj=0.2km s-min=0.2km az=264.0, Central Italy

Main table of station data for the first section, including stations like Cascia, Frazio, Civita (PG), Arquata del Tr, Poggiodomo, and others.

h10km, ML1.3/4, 1C-4D, Error ellipse: s-maj=0.3km s-min=0.2km az=186.0, Central Italy

Table of station data for the second section, including stations like Pellescritta, SAN MARTINO, Civita (PG), and others.

IDC 13 06:09:32.53.1.1, 6.11S, 147.46E, h0km, mb3.4/1, mbmp3.5/3, ML2.8/2, MS3.1/2, Error ellipse: s-maj=74.0km s-min=34.3km az=93.0, Eastern New Guinea region

Table of station data for the third section, including stations like Port Moresby, Warramunga Arr, and others.

JMA 13 06:13:37.4.0.3, 31°N, 3°E, h448km, MV3.4/23, NEAR TORISHIMA IS

IDC 13 06:13:38.5.0.8, 3.11N, 138.138E, h396km, 9km, mb2.8/10, mbmp3.7/13, Error ellipse: s-maj=20.5km s-min=10.4km az=70.0

ISC 13 06:13:39.0.0.7, 31°18'N, 0°07'138.34E, 0.09, h400km, n26, s195S/32, mb3.2/10, Southeast of Honshu

Main table of station data for the fourth section, including stations like Hachijo jima 2, Mitsune, and others.

MOS 13 06:25:38.7.1.2, 40°31'N, 143°42'E, h28km, mb4.8/26, MS4.1/7, Error ellipse: s-maj=7.3km s-min=4.6km az=101.4

NEIC 13 06:25:40.5.2.0, 40°22'N, 0°06:143°6E, 0.1, h35km, 2km, mb4.6/64, Mw4.6/11, Error ellipse: s-maj=13.5km s-min=9.0km az=111.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr:0.53; Mth:0.36; Mtr:0.89; Mtt:0.23; Mtt:0.20; Mtt:0.66; Fault plane solution: Mo:1.07000x10^16 Np1:16.72000; delta:70.0000; lambda:18.01000; NP2:138.44000; delta:51.000; lambda:36.56000; Principal axes: T:0.9358, P:0.9358, N:0.2240, P:0.9358, Azm:187.0000; P: -1.1598, Plg2:0.0000; Azm8:0.0000

NEIC 13 06:25:40.5.2.0, 40°22'N, 143°59'E, h35km, IDC 13 06:25:41.0.4.0, 40°24'N, 143°43'E, h13km, 29km, mb4.1/30, mbmp4.2/39, ML3.7/7, MS4.1/58, Error ellipse: s-maj=14.5km s-min=11.4km az=122.0

ISC 13 06:25:37.0.0.6, 40°26'N, 143°43'E, h13km, 3km, h13km, pp-P, n347, s1967/303, mb4.6/103, MS4.3/71, 18C-4D, Off east coast of Honshu

Main table of station data for the fifth section, including stations like Tanohata, Kujedanmarisaw, Miyakonagasawa, and others.

ROM 13 05:54.48.7.0.1, 42.574N, 01003.13.226E, 0.004,

BJI 13 06:25:35.9.0.0, 40°31'N, 143°41'E, h8km, mb4.6/55, mb4.9/41, Ms4.6/48, Ms7.4/548 JMA 13 06:25:37.8.0.3, 40°29'N, 143°3E, h14km, 3km, MS4.7/39, Mw4.7/33, Error ellipse: s-maj=14.3km s-min=10.4km az=111.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr:0.79; Mtr:0.19; Mtt:0.97; Mtt:0.41; Mtt:0.71; Fault plane solution: Mo:1.28000x10^16 Np1:31.00000; delta:67.00000; lambda:104.00000; NP2:179.00000; delta:27.00000; lambda:161.00000

YUK comp=E,221nm,0.4s pmax pmax YUK comp=N,210nm,0.2s smax smax YUK comp=N,1um,0.4s smax smax YUK comp=E,893nm,0.3s YFY Yanaizu 4.15 228 A 06 26 42.1 JSS Shosan 4.33 344 A 06 26 44.5

SHO	Shikotan	4.35 33	eP	Pn	06 26 42.8	0.0
SHO			eS	Sn	06 27 29.3	-4.1
SHO	comp=N,110nm,0.4s		pmax	pmax		
SHO	comp=E,127nm,0.4s		pmax	pmax		
SHO	comp=Z,131nm,0.4s		pmax	pmax		
SHO	comp=E,477nm,0.3s		smax	smax		
SHO	comp=N,694nm,0.5s		smax	smax		
JSB	Shiboa	4.35 222	A	A	06 26 45.1	
JJZZ	Izumozaki	4.66 236	A	A	06 26 49.3	
JSD	Saeco	4.69 243	Pn	Pn	06 26 48.6	+1.3
MJAR	Matsushiro Arr	5.61 230	Pn	Pn	06 27 02.4	+2.2
MJAR	comp=N,1.0nm,0.3s,baz=39,slow=12,SNR=66		LR	LR	06 29 34.1	
MAJO	Matsushiro	5.61 230	Pn	Pn	06 27 01.2	+1.1
MAJO	Matsushiro	5.61 230	iP	Pn	06 27 02.2	+2.1
MJB9	Matsu-Tunnel	5.61 230	Pn	Pn	06 27 01.7	+1.6
KUR	Kuril'sk	5.89 31	eP	Pn	06 27 04.0	0.0
YSS	Yuzh-Sakhalins	6.72 355	eP	Pn	06 27 16.4	+1.1
YSS	Yuzh-Sakhalins	6.72 355	eS	Sn	06 27 17.3	+2.0
YSS			pmax	pmax	06 28 33.5	+1.8
YSS	comp=Z,20nm,0.8s		MLR	MLR		
YSS	comp=Z,2um,16.0s		MLR	MLR		
YSS	comp=N,2um,17.0s		MLR	MLR		
JGF	Kuroka	6.76 228	Pn	Pn	06 27 15.4	-0.6
TEU	Ternei	7.01 315	eP	Pn	06 27 18.5	-0.8
INY	Inuyama	7.13 229	Pn	Pn	06 27 19.5	-1.6
JHJ2	Mitsune	7.74 204	Pn	Pn	06 27 28.8	-0.6
JHJ	Hachijo jima 2	7.75 204	Pn	Pn	06 27 29.0	-0.5
JHJ	comp=E,13nm,0.3s,baz=346,slow=19,SNR=9.5		Sn	Sn	06 28 51.8	-5.3
JHJ	comp=E,12nm,0.3s,baz=243,slow=23,SNR=1.5		LR	LR	06 30 33.9	
JHJ	comp=E,725nm,21.4s,baz=80,slow=38		LR	LR		
JHJ	comp=E,56nm,0.5s		LR	LR		
USA0B	Ussuriysk Arra	9.44 298	Pn	Pn	06 27 55.0	+2.3
USA0B	Ussuriysk Arra	9.44 298	iP	Pn	06 27 54.2	+1.5
USRK	Ussuriysk Ar	9.44 298	Pn	Pn	06 27 53.8	+1.1
USRK	comp=E,0.9nm,0.3s,baz=100,slow=11,SNR=43		LR	LR	06 31 34.7	
USRK	comp=E,2um,18.8s,baz=107,slow=38		LR	LR		
USRK	comp=E,25nm,0.7s		LR	LR		
USRK	Ussuriysk Ar	9.44 298	Pn	Pn	06 27 54.2	+1.5
JRS	Ussuriysk Ar	9.44 298	P	Pn	06 27 54.2	+1.5
JHS	Saijiyo	9.81 241	Pn	Pn	06 28 00.6	+2.9
TYV	Tymovskoe	10.62 357	eP	Pn	06 28 23.1	+1.4
TYV			pmax	pmax		
TYV	comp=Z,9.0nm,1.0s		pmax	pmax		
MDJ	Mudanjiang	11.20 297	P	Pn	06 28 17.3	+0.5
MDJ			pP	Pn	06 28 19.6	
MDJ			sP	Pn	06 28 21.1	
MDJ			S	Sn	06 30 26.6	+4.7
MDJ			PcS	PcS	06 37 44.3	-1.6
MDJ			ScS	ScS	06 41 18.3	-1.4
MDJ	comp=Z,10.0nm,1.9s		pmax	pmax		
MDJ	comp=Z,220nm,7.3s		LR	LR		
MDJ	comp=Z,3um,14.8s		LR	LR		
MDJ	Mudanjiang	11.20 297	Pn	Pn	06 28 16.8	0.0
KLR	Kul'dur	12.27 321	Pn	Pn	06 28 32.4	+1.0
KLR	comp=Z,0.1nm,0.3s,baz=129,slow=12,SNR=7.0		LR	LR	06 33 39.6	
KLR	comp=Z,975nm,18.9s,baz=134,slow=39		LR	LR		
KLR	comp=Z,3.4nm,1.0s		LR	LR		
KLR	Kul'dur	12.27 321	eP	Pn	06 28 32.9	+1.5
KLR			pmax	pmax		
JNU	Nakatau	12.42 239	Pn	Pn	06 28 34.5	+1.0
JNU	comp=Z,0.5nm,0.3s,baz=333,slow=3.2,SNR=4.3		Sn	Sn	06 30 52.1	+0.3
JNU	comp=Z,0.3nm,0.3s,baz=90,slow=18,SNR=1.1		LR	LR	06 33 37.9	
JNU	comp=Z,1um,19.0s,baz=48,slow=39		LR	LR		
JNU	comp=Z,5.5nm,0.7s		LR	LR		
KSRS	Korea Array	12.51 262	Pn	Pn	06 28 36.6	+1.9
KSRS	comp=Z,0.2nm,0.3s,baz=13,SNR=2.0		LR	LR	06 33 05.5	
KSRS	comp=Z,2um,18.4s,baz=70,slow=36		LR	LR		
KSRS	comp=Z,0.9nm,0.6s		LR	LR		
KS19	Wonju Array Si	12.54 262	Pn	Pn	06 28 33.9	-1.2
KSAR	Wonju Array Be	12.54 262	Pn	Pn	06 28 34.1	-1.0
KSAR	Wonju Array Be	12.54 262	Pn	Pn	06 28 34.1	-1.0
BNX	BinXian	13.03 300	iP	Pn	06 28 43.8	+2.1
BNX			pmax	pmax		
BNX	comp=Z,13nm,0.9s		pmax	pmax		
OKH	Okha	13.30 358	eP	Pn	06 28 45.9	+0.5
OKH			MLR	MLR		
OKH	comp=N,1um,15.0s		MLR	MLR		
OKH	comp=Z,700nm,15.0s		MLR	MLR		
OKH	comp=E,2um,14.0s		MLR	MLR		
HEH	HeiHe	15.11 317	eP	Pn	06 29 10.3	+0.3
HEH			pmax	pmax		
HEH	comp=E,5.0nm,1.4s		pmax	pmax		
HEH	comp=E,210nm,5.4s		LR	LR		
HEH	comp=E,690nm,17.4s		LR	LR		
HEH	comp=E,2um,15.0s		LR	LR		
HEH	comp=E,2um,14.8s		LR	LR		
PETK	Petropavlovsk-	16.06 32	Pn	Pn	06 29 26.4	+0.7
PETK	comp=E,2.4nm,0.9s,baz=194,slow=12,SNR=2.8		LR	LR	06 36 22.3	
ZEA	Zeya	17.42 326	eP	Pn	06 29 38.1	-1.5
ZEA			pmax	pmax		
ZEA	comp=Z,10.0nm,0.7s		MLR	MLR		
ZEA	comp=E,500nm,16.0s		MLR	MLR		
ZEA	comp=N,500nm,15.0s		MLR	MLR		
ZEA	comp=Z,600nm,13.0s		MLR	MLR		
JMZ	Minamidaio 2	17.70 219	Pn	Pn	06 29 41.3	-1.9
HIA	Hailar	19.10 306	P	P	06 29 58.9	-0.5
HIA	Hailar	19.10 306	P	P	06 29 58.9	-0.5
HIA			pmax	pmax		
MA2	Magadan	19.86 11	P	Pn	06 30 10.5	+1.3
MA2	comp=Z,5.0nm,0.7s,baz=195,slow=11,SNR=5.0		LR	LR	06 39 26.2	
MA2	comp=Z,284nm,18.2s,baz=199,slow=42		LR	LR		
MA2	Magadan	19.86 11	P	P	06 30 07.4	-0.2
XLT	XiLinHaoTe	20.68 289	iP	P	06 30 15.6	-1.1
XLT			pP	Pn	06 30 20.8	-1.5
XLT			sP	Pn	06 30 23.6	+4.5
XLT			S	Sn	06 34 09.8	-2.4
XLT	comp=Z,11nm,1.4s		pmax	pmax		
XLT	comp=Z,130nm,4.5s		LR	LR		
XLT	comp=Z,620nm,16.3s		LR	LR		
XLT	comp=Z,630nm,15.2s		LR	LR		
BJI	Beijing	20.91 278	P	P	06 30 17.6	-1.5
BJI			pP	Pn	06 30 21.4	-0.3
BJI			pmax	pmax		
BJI	comp=Z,75nm,7.3s		LR	LR		
BJI	comp=Z,270nm,14.0s		LR	LR		
BJI	comp=Z,300nm,16.5s		LR	LR		

BJI	comp=Z,380nm,17.9s		LR	LR		
BJT	Baijiatauu	20.92 278	P	P	06 30 17.7	-1.5
BJT	Baijiatauu	20.92 278	P	Pmax	06 30 17.7	-1.5
BJT			pmax	pmax		
NJ2	Nanjing	21.52 255	eP	P	06 30 26.0	+0.3
NJ2			pP	P	06 30 29.3	-1.7
NJ2			sP	P	06 30 30.5	+0.5
NJ2			pmax	pmax		
NJ2	comp=Z,22nm,0.7s		pmax	pmax		
NJ2	comp=Z,450nm,6.4s		LR	LR		
NJ2	comp=Z,640nm,16.2s		LR	LR		
NJ2	comp=Z,1um,16.2s		LR	LR		
NJ2	comp=Z,1um,19.1s		LR	LR		
HNS	HongShan	22.62 272	iP	P	06 30 36.3	-1.2
HNS			LR	LR		
HNS	comp=Z,520nm,14.3s		LR	LR		
HNS	comp=Z,700nm,17.5s		LR	LR		
HNS	comp=Z,840nm,15.9s		LR	LR		
SEY	Seymchan	23.31 10	P	P	06 30 44.8	+0.4
SEY	comp=Z,5.8nm,0.7s,baz=190,slow=7.6,SNR=20		LR	LR	06 41 27.8	
SEY	comp=Z,444nm,18.0s,baz=136,slow=40		LR	LR		
SEY	Seymchan	23.31 10	eP	P	06 30 44.4	0.0
SEY			pmax	pmax		
YAK	Yakutsk	23.37 343	P	P	06 30 44.6	-0.4
YAK	comp=Z,1.9nm,0.6s,baz=169,slow=2.1,SNR=1.6		LR	LR	06 41 05.3	
YAK	comp=Z,476nm,18.8s,baz=152,slow=40		LR	LR		
YAK	comp=Z,1.9nm,0.6s		LR	LR		
YAK	Yakutsk	23.37 343	iP	P	06 30 46.4	+1.4
YAK			ePP	P	06 30 56.3	+5.4
YAK			eS	P	06 31 11.9	
YAK			eS	Sn	06 34 53.2	-4.3
YAK			eSS	Sn	06 35 08.9	-7.3
YAK			pmax	pmax		
YAK	comp=Z,22nm,0.8s		pmax	pmax		
YAK	comp=E,3.0nm,0.9s		pmax	pmax		
YAK	comp=Z,7.0nm,0.3s		pmax	pmax		
YAK	comp=N,11nm,1.0s		pmax	pmax		
YAK	comp=E,4.0nm,0.6s		pmax	pmax		
YAK	comp=E,19nm,1.1s		smax	smax		
YAK	comp=N,43nm,1.5s		MLR	MLR		
YAK	comp=Z,537nm,16.0s		MLR	MLR		
YAK	comp=N,368nm,15.0s		MLR	MLR		
YAK	comp=E,223nm,18.0s		MLR	MLR		
CIT	Chita	23.71 310	eP	P	06 30 47.4	-1.1
CIT			e	P	06 30 58.4	
CIT			e	P	06 31 19.8	
CIT			pmax	pmax		
comp=Z,77nm,2.1s			pmax	pmax		
HHC	Hu-ho-hao-te	24.25 282	eP	P	06 30 53.4	-0.4
HHC			pmax	pmax		
HHC	comp=Z,19nm,0.7s		pmax	pmax		
HHC	comp=Z,200nm,6.9s		LR	LR		
HHC	comp=Z,530nm,15.2s		LR	LR		
HHC	comp=Z,1um,17.8s		LR	LR		
HHC	comp=Z,2um,16.5s		LR	LR		
LYN	LuoYang	25.27 267	eP	P	06 31 03.8	+0.8
LYN			S	P	06 35 35.3	+6.9
LYN			pmax	pmax		
LYN	comp=Z,13nm,1.0s		pmax	pmax		
LYN	comp=Z,200nm,4.8s		LR	LR		
LYN	comp=Z,400nm,15.6s		LR	LR		
LYN	comp=Z,800nm,16.2s		LR	LR		
LYN	comp=Z,980nm,14.7s		LR	LR		
BTO	Baotou	25.45 282	iP	P	06 31 04.8	+0.1
BTO			pP	P	06 31 07.8	-2.6
BTO			sP	P	06 31 11.3	+2.2
BTO			PcP	P	06 34 33.6	-2.8
BTO			S	P	06 35 31.8	+0.4
BTO			pmax	pmax		
BTO	comp=Z,26nm,0.6s		pmax	pmax		
BTO	comp=Z,430nm,5.1s		LR	LR		
BTO	comp=Z,2um,13.5s		LR	LR		
BTO	comp=Z,3um,18.6s		LR	LR		
BTO	comp=Z,4um,18.5s		LR	LR		
BOD	Bodaibo	25.84 323	eP	P	06 31 09.6	+1.7
BOD			pmax	pmax		
BOD	comp=Z,19nm,1.8s		LR	LR		
GUMO	Guam	26.59 177	LR	LR	06 40 23.3	
ULN	Ulanbaatar	27.12 298	P	P	06 31 20.6	+0.9
ULN	Ulanbaatar	27.12 298	eP	P	06 31 21.0	+1.3
ULN			pmax	pmax		
SONM	Songino Array	27.56 298	P	P	06 31 24.7	+1.0
SONM	comp=Z,4.2nm,0.7s,baz=101,slow=8.6,SNR=19		LR	LR	06 43 01.3	
SONM	comp=Z,825nm,19.5s,baz=104,slow=38		LR	LR		
SONM	comp=Z,4.2nm,0.7s		LR	LR		
SONM	Songino Array	27.56 298	P	P	06 31 24.7	+1.0
SONM			IAMB	IAMB	06 31 25.4	
XAN	Xi'an	28.18 268	P	P	06 31 28.4	-0.8
XAN			pP	P	06 31 33.1	-1.9
XAN			sP	P	06 31 38.1	+4.4
XAN			S	P	06 36 13.5	-1.0

Table with columns: DZA, Taraz, 2.01, 5 eP, Pg, 06 26 15.8 -0.9, etc. Includes stations like Karatay Array, Almayashu, Merke, etc.

ROM 13 06:29:04.6:0.1,42.972N:0°00'4.13'25.5E:0°00', h5km,ML1.2/5,3D,Error ellipse: s-maj=0.5km s-min=0.2km az=241.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like Monte Cornacci, Gualdo di Mace, etc.

DJA 13 06:29:21.8:0.8,0°S:3°12'3"E, h13km, gkm, M3.6/6, ML3.6/6, Minahassa Peninsula, Sulawesi

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

ROM 13 06:29:36.0:0.0,42.768N:0°00'2.13'06.3E:0°00', h11km,ML0.9/11,2C-3D,Error ellipse: s-maj=0.2km s-min=0.2km az=271.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes station Cascia, Frazio.

Main table with columns: T1212, S, Sg, 06 29 39.4 +0.1, etc. Includes stations like Arquata del Tr, Civita (PG), etc.

ROM 13 06:30:01.6:0.1,42.769N:0°00'2.13'06.1E:0°00', h9km,ML0.6/4,1C-1D,Error ellipse: s-maj=0.2km s-min=0.1km az=336.0, Central Italy

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

Table with columns: T1218, comp=N,44um,0.2s, AML, AML, etc. Includes stations like Arquata del Tr, Poggiodomo, etc.

IDC 13 06:36:12.9:2.9,54.17N:86°40'E, h0km, mbtwp2.7/2, ML2.3/2, Error ellipse: s-maj=22.0km s-min=12.7km az=63.0, Southwestern Siberia

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

ROM 13 07:08:28.2:0.1,42.799N:0°00'4.13'07.7E:0°00', h10km,ML1.0/4,1D,Error ellipse: s-maj=0.5km s-min=0.4km az=184.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like Cascia, Frazio, Monte Cornacci, etc.

IDC 13 07:11:15.4:5.8,36°20'N:70°77'E, h83km,46km, mb3.2/2, mbtwp3.7/6,ML3.7/4, Error ellipse: s-maj=64.1km s-min=19.9km az=152.0

NNC 13 07:11:23.7:2.0,36°76'N:70°84'E, h140km,34km, mb2.8, mpv3.2, Error ellipse: s-maj=17.4km s-min=15.5km az=25.0

ISC 13 07:11:15.5:0.9,36°22'N:0°00'8.70'85E:0°07, h100km, n27, c206/31,5C-2D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like Almayashu, Uchter, Erkin-Say, etc.

Table with columns: AKTO, ZALV, TORD, etc. and rows listing various astronomical objects with their coordinates and properties.

Table with columns: WRKA, BKKI, OOD, etc. and rows listing various astronomical objects with their coordinates and properties.

Table with columns: NONG, GSI, KCSI, etc. and rows listing various astronomical objects with their coordinates and properties.

az=149.0
ISC 13 08:41:33.8,0.8,43.56S;0103:17.55E;0103,h23km,56km,
n134,r1942,mb4.4/10, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MHCZ Mount Hutt, RPZ Rata Peaks, OXF Oxford, WACZ Wakanu South, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMG Port Moresby, KNRA Kununurra, FITZ Fitzroy Cross, etc.

IDC 13 08:46:13.7,6.0,19.36S;177.63W,h0km,mb3.6/3,
mbtomp3.6/3, Error ellipse: s-maj=281.9km
s-min=36.6km az=146.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

BJI 13 08:48:58.8,0.0,14.06N;145.83E,h100km,mb5.4/83,
DJA 13 08:49:01.0,0.8,15.1N;145.145E,h98km,6km,M5.5/80,
mb5.6/80,mb6.0/64,MLv6.1/1,Mw(mb)5.6/64,
MwMwp5.3/26,Mwp5.5/26

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NEIC 13 08:49:05.9,14.33N;145.26E,h104km,
NEIC 13 08:49:05.3,2.1,14.39N;145.21E;0108,h99km,1km,
s-maj=13.8km s-min=12.3km az=234.0, Moment Tensor
Solution, Moment tensor: Scale 10^17Nm, Mrr=1.39,
Mtt=0.76, Mss=0.63, Mtr=1.26, Mtw=0.19, Mtr=1.74, Fault
plane solution: M2:470000;1017 NP1:3;322.230000;
5.76.120000; lambda=87.170000; NP2:3;130.590000; delta 14.160000;
lambda=101.300000; Principal axes: T 2.1626, Plg31.0000;
Azm50.0000; N 0.5276, Plg3.0000; Azm142.0000; P
-2.6902, Plg59.0000; Azm236.0000;

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GCMT 13 08:49:07.3,0.1,14.32N;0101:145.31E;0101,
h108km,MW5.6/164, Moment Tensor Solution,
s148,c265, s164,c326; Duration: 195 Moment tensor:
Scale 10^17Nm; Mrr=1.552; Mtt=1.293; Mss=0.03;
Mtr=0.93; Mtw=0.203; Mtr=2.02; Best double
couple: M2:761000;1017 NP1:3;326.0000; delta 0.0000;
lambda=135.00000; Principal axes: T 2.6390, Plg26.0000;
Azm42.0000; N 0.2490, Plg17.0000; Azm141.0000; P
-2.8830, Plg58.0000; Azm261.0000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment rate function

ISC 13 08:49:05.6,0.2,14.41N;103.04531E;0103,h113km,1km,
h113km;pp-P,n1589,r1936/1771,mb5.4/399,43C-50D,
Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GUMO Guam, JCUJ Chichijima, PATS Pohnpei, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H1N13 WAKE ISLAND Hy 21.31 73 P, TBP Tagbilaran, JMN Monobe, etc.

KDU	Kakadu	29.77 206	P	P	08 55 00.9 -0.9	comp=Z,403nm,20.9s,baz=347,slow=36	GRNR	comp=Z,3.0nm,0.9s	smax	smax			
KKM	Kota Kinabalu	29.78 257	P	P	08 55 02.0 -0.1	comp=Z,299m,0.7s		comp=N,3.0nm,0.5s					
KKM	Kota Kinabalu	29.78 257	P	P	08 55 02.9 +0.8	CTAO Charters Tower	34.29 178	P	P	08 55 40.2 -1.1			
NJ2	Nanjing	29.86 311	UP	P	08 55 04.0 +2.3	CTAO Charters Tower	34.29 178	P	P	08 55 41.3 -0.1			
NJ2			pP	pwP	08 55 29.5 -1.4	CTAO Charters Tower	34.29 178	P	P	08 55 40.2 -1.1			
NJ2			sP	sP	08 55 35.3 -3.5	CTAO		comp=Z,319nm,1.8s					
NJ2			S	S	08 59 53.5 +2.2	CTAO Charters Tower	34.29 178	P	P	08 55 41.1 -0.2			
NJ2			sS	sS	09 00 37.3 +3.4	CTAO		comp=N,460nm,10.8s					
NJ2			ScP	ScP	09 01 35.0 +0.1	GULI	34.50 294	P	P	08 58 15.7 +0.4			
NJ2	comp=Z,36nm,0.8s		pmax	pmax		GULI		comp=Z,100nm,1.5s					
NJ2	comp=Z,480nm,4.4s					GULI		comp=N,880nm,14.1s					
NJ2	comp=Z,1µm,15.7s		LR	LR		GULI		comp=E,620nm,19.5s					
NJ2	comp=Z,1µm,16.2s		LR	LR		GULI		comp=Z,650nm,17.9s					
SPMM	Sapulut	29.99 254	P	P	08 55 04.0 +0.1	BASI	Baig Sumba	34.64 226	P	P	08 55 41.8 -2.6		
MTN	Manton Dam	30.50 208	P	P	08 55 07.6 -0.7	UGL	Uglegorsk	34.67 356	eP	P	08 55 46.6 +2.3		
MTN	Manton Dam	30.50 208	P	P	08 55 08.3 +0.1	UGL				08 56 27.3			
SPSI	Sidrap Palu	31.21 236	P	P	08 55 13.8 -0.8	UGL		comp=Z,20nm,0.5s					
BKSI	Bulukumba	31.75 234	P	P	08 55 18.5 -0.8	BNX	BinXian	34.69 338	UP	P	08 55 46.1 +1.6		
USA0B	Ussuriysk Arra	31.79 342	P	P	08 55 20.2 +0.9	BNX				08 56 03.3 -5.5			
USA0B	Ussuriysk Arra	31.79 342	eP	P	08 55 21.5 +2.2	BNX				09 01 08.4 +2.3			
USRK	Ussuriysk Arra	31.79 342	eP	P	08 55 19.9 +0.6	BNX				09 01 45.8 -3.3			
USRK	comp=Z,13nm,0.6s,baz=146,slow=8,SNR=2		P	P	08 58 07.0 -0.9	BNX		comp=Z,52nm,0.7s					
USRK	comp=Z,6.1nm,0.6s,baz=164,slow=4.8,SNR=2.6		LR	LR	09 07 03.3	BNX		comp=Z,130nm,4.0s					
SOEI	Soe	31.81 222	P	P	08 55 18.0 -1.9	BNX		comp=Z,350nm,8.1s					
SOEI	comp=Z,123nm,1.0s		Iamb	Iamb	08 55 51.2	BNX		comp=Z,840nm,14.1s					
SOEI	Soe	31.81 222	P	P	08 55 19.5 -0.4	BNX							
SOEI	Soe	31.81 222	P	P	08 55 18.7 -1.2	SBUM	Sibu	34.75 253	P	P	08 55 45.0 -0.4		
KAPI	Kappang	31.85 235	P	P	08 55 17.7 -2.5	SBUM	Sibu	34.75 253	P	P	08 55 46.0 +0.6		
KAPI	Kappang	31.85 235	P	P	08 55 20.2 -0.0	QIS	Mount Isa	35.20 189	P	P	08 55 49.0 -0.1		
KAPI	Kappang	31.85 235	P	P	08 55 17.7 -2.5	HNS	HongShan	35.54 316	UP	P	08 55 53.1 +1.2		
KAPI	comp=Z,37nm,0.9s		pmax	pmax		HNS				08 56 19.5 -1.0			
KAPI	Kappang	31.85 235	P	P	08 55 19.0 -1.2	HNS				08 56 31.0 +2.5			
DL2	Dalian	32.11 324	P	P	08 55 24.8 +2.6	HNS				08 57 17.0 +2.3			
DL2			pP	pwP	08 55 50.0 -0.3	HNS				08 58 19.8 +1.1			
DL2			S	S	09 00 31.5 +5.2	HNS				09 01 21.1 +1.9			
DL2			ScP	ScP	09 01 40.5 -1.8	HNS				09 01 54.6 +0.2			
DL2	comp=Z,200nm,0.7s		pmax	pmax		HNS				09 02 03.6 -2.3			
DL2	comp=Z,610nm,5.7s		pmax	pmax		HNS							
MTSU	Mount Surprise	32.35 182	P	P	08 55 25.1 +0.6	HNS							
MMRI	Maumere	32.37 226	P	P	08 55 23.3 -1.4	HNS							
MMRI	Maumere	32.37 226	P	P	08 55 23.2 -1.5	HNS							
MMRI	Maumere	32.37 226	P	P	08 55 24.1 -0.6	HNS							
YSS	Yuzh-Sakhalins	32.52 357	P	P	08 55 26.2 +0.6	HNS							
YSS	Yuzh-Sakhalins	32.52 357	eP	P	08 55 24.8 -0.8	WBY	Warramunga Arr	35.62 198	UP	P	08 55 51.6 -1.1		
YSS	Yuzh-Sakhalins	32.52 357	eS	P	09 00 34.2 +1.8	LYN	LuoYang	35.75 310	UP	P	08 55 54.8 +1.0		
YSS	comp=Z,10.0nm,0.9s		pmax	pmax		LYN				08 58 20.5 +1.1			
YSS	comp=Z,900nm,16.0s		MLR	MLR		LYN				08 58 23.3 +1.2			
YSS	comp=N,500nm,15.0s		MLR	MLR		LYN							
YSS	comp=E,400nm,15.0s		MLR	MLR		LYN							
WHN	Wuhan	32.66 305	UP	P	08 55 29.8 +2.7	WHN							
WHN			pP	pwP	08 55 56.5 +0.7	WHN							
WHN			S	S	09 00 37.5 +2.5	WHN							
WHN	comp=E,1µm,3.1s		pmax	pmax		WHN							
WHN	comp=E,3µm,14.5s		LR	LR		WHN							
MDJ	Mudanjiang	32.94 339	P	P	08 55 31.3 +1.9	PLAI	Plampang	35.76 231	P	P	08 55 52.3 -1.7		
MDJ			pP	pP	08 55 54.6 +1.1	PLAI	Plampang	35.76 231	P	P	08 55 52.9 -1.1		
MDJ			sP	sP	08 56 07.0 +0.8	WRAB	Tennant Creek	35.79 198	P	P	08 55 53.3 -0.9		
MDJ			PP	PnPN	08 56 40.6 -2.1	WRAB	Tennant Creek	35.79 198	P	P	08 55 53.5 -0.7		
MDJ			pmax	pmax	09 00 39.0 -0.1	WRAB	Tennant Creek	35.79 198	P	P	08 55 53.1 -1.0		
MDJ	comp=E,21nm,1.8s		pmax	pmax		WRAB							
MDJ	comp=E,190nm,9.2s		pmax	pmax		WRAB							
MDJ	comp=E,1µm,18.7s		LR	LR		WRAB							
MDJ	comp=E,710nm,22.3s		LR	LR		WRA	Warramunga Arr	35.80 198	P	P	08 55 53.6 -0.7		
MDJ	comp=E,1µm,15.2s		LR	LR		WRA				08 58 20.8 +1.1			
MDJ	Mudanjiang	32.94 339	P	P	08 55 28.8 -0.6	WRA				09 01 54.7 -0.9			
MDJ			Iamb	Iamb	08 56 36.6	WRA							
MDJ	Mudanjiang	32.94 339	P	P	08 55 32.3 +2.9	WRA							
CNSH	ChangSha	33.01 300	UP	P	08 55 32.4 +2.2	WRA							
CNSH			LR	LR	09 00 43.6 +3.0	WRA							
CNSH	comp=Z,1µm,14.3s		LR	LR		DLV	T Lat	35.91 271	P	P	08 55 57.1 +1.5		
CNSH	comp=Z,930nm,19.5s		LR	LR		BJT	Baijiatou	36.07 321	P	P	08 55 58.1 +1.7		
CNSH	comp=Z,990nm,21.5s		LR	LR		BJT	Baijiatou	36.07 321	P	P	08 55 57.5 +1.1		
SNY	Shenyang	33.17 330	UP	P	08 55 32.9 +1.5	BJT				08 58 24.2 -1.0			
SNY			pP	pwP	08 55 59.3 +0.5	BJT				08 58 58.1 +1.7			
SNY			S	S	09 00 40.8 -1.9	BJT				08 56 24.3 -0.9			
SNY	comp=Z,33nm,0.9s		pmax	pmax		BJT				08 58 21.8 +1.6			
SNY	comp=Z,390nm,4.3s		pmax	pmax		BJT				09 01 26.8 -0.6			
SNY	comp=Z,240nm,4.0s		LR	LR		BJT				09 01 56.4 +0.1			
SNY	comp=Z,710nm,15.7s		LR	LR		BJT				09 02 16.3 +5.7			
TIA	Taian	33.26 316	UP	P	08 55 33.9 +1.6	BJT							
TIA			S	S	09 00 45.8 +1.5	BJT							
TIA	comp=Z,31nm,1.3s		pmax	pmax		BJT							
TIA	comp=Z,1µm,18.6s		LR	LR		BJT							
TIA	comp=Z,2µm,21.1s		LR	LR		BJT							
TIA	comp=Z,1µm,37.3s		LR	LR		BJT							
TV1H	Townsville Har	33.49 177	P	P	08 55 34.5 +0.2	TVS	Taliwang, Sumb	36.38 232	P	P	08 55 58.5 -0.8		
MTKI	Muara Teweh, K	33.75 246	P	P	08 55 35.5 -1.2	TVV	Tymovskoe	36.42 357	eP	P	08 56 01.1 +1.9		
CN2	Changchun	33.86 334	eP	P	08 55 38.5 +1.2	TVV				09 01 36.5 +4.1			
CN2			eP	pP	08 55 03.3 +1.9	TVV							
CN2			eP	PP	08 56 55.3 -0.9	TVV							
CN2			eS	S	09 00 54.5 +1.2	TVV							
CN2			eS	sS	09 01 37.8 +1.6	TVV							
CN2			eSS	SnSn	09 03 09.3 -2.0	TVV							
CN2	comp=Z,20nm,0.7s		pmax	pmax		TVV							
CN2	comp=Z,1µm,17.0s		LR	LR		TVV							
CN2	comp=Z,910nm,17.0s		LR	LR		TVV							
CN2	comp=Z,1µm,19.0s		LR	LR		TVV							
KNRA	Kunururra	34.07 209	P	P	08 55 38.1 -1.3	KLR	Kul'dur	36.47 345	P	P	08 56 00.1 +0.5		
KNRA	Kunururra	34.07 209	P	P	08 55 38.4 -1.0	KLR				08 58 21.2 0.0			
QIZ	Qiongzong	34.23 283	P	P	08 55 40.5 -0.4	KLR				09 01 55.7 -1.9			
QIZ			pP	pwP	08 56 14.9 -2.5	KLR							
QIZ			PP	PP	08 56 59.6 -1.0	KLR							
QIZ			sP	sP	08 56 19.6 +2.2	KLR							
QIZ			ScP	ScP	09 01 52.1 +2.0	KLR							
QIZ	comp=Z,82nm,0.9s		pmax	pmax		KLR							
QIZ	comp=Z,380nm,4.1s		pmax	pmax		KLR							
QIZ	Qiongzong	34.23 283	P	P	08 55 40.6 -0.4	KLR							
QIZ	Qiongzong	34.23 283	P	P	08 55 42.6 +1.6	KLR							
QIZ	Qiongzong	34.23 283	P	P	08 55 42.1 +1.6	KLR							
QIZ			pP	pwP	08 56 08.1 -1.5	KLR							
QIZ			sP	sP	08 56 19.6 +2.2	KLR							
QIZ			ScP	ScP	09 01 52.1 +2.0	KLR							
CTA	Charters Tower	34.29 178	P	P	08 55 41.2 -0.1	KLR							
CTA	comp=Z,29nm,0.7s,baz=359,slow=9,SNR=3		P	P	09 01 49.8 -0.4	KLR							
CTA	comp=Z,14nm,0.9s,baz=352,slow=6.4,SNR=7.3		LR	LR	09 09 23.6	KLR							
CTA			LR	LR		KLR							

Table with columns for station name, frequency, power, and signal strength. Includes stations like WANAGAMA, KUMMING, PORT LAGUERRE, Zeya, MONT DZUMAC, Ouen Toro, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like CHIANG MAI ARR, IPoh, KULIM, MAURU DUA, SURATHAI, ARMA, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like ADK, ADEK, MEKEA, YOUNG, SEYMCHAN, YAKUTSK, GSI, etc.

Table with columns for call sign, name, frequency, and other parameters. Includes stations like MOO Moorlands, WMQ Urumqi, PKI Pulchoki, etc.

Table with columns for call sign, name, frequency, and other parameters. Includes stations like INZ Inchbonnie, CAW Cannon Point, SNZO South Karori, etc.

Table with columns for call sign, name, frequency, and other parameters. Includes stations like KURK Kurchatov, KURB Kurchatov, CNPM China Pool, etc.

R11A	Troy Canyon, C	88.16	51	P	P	09 01 45.7 +1.3
HR1	Holter Researc	88.22	42	P	I Amb	09 01 45.4 +1.0
S11A	Rachel	88.24	52	P	I Amb	09 01 47.3
MURC	Murrieta	88.24	56	P	P	09 01 45.7 +1.0
TRO	Tromso	88.26	344	eP	I Amb	09 01 43.3 -0.6
BBRC	Big Bear Solar	88.28	55	P	P	09 01 45.6 +0.5
LPSR	Galich'ya Gora	88.32	324	eP	P	09 01 43.0 -1.6
SHOC	Shoshone, Teco	88.33	53	P	P	09 01 45.8 +0.8
NCK	Naichik	88.48	315	eP	P	09 01 46.2 +0.6
ZEI	Tsey	88.49	314	eP	P	09 01 43.7 -2.2
DAG	Danmarks Havn	88.50	356	iP	I Amb	09 01 42.0 -3.0
VORR	Voronezh	88.50	323	eP	P	09 01 44.3 -1.1
109C	Camp Elliot, M	88.51	57	I Amb	I Amb	09 02 16.6
109C	Camp Elliot, M	88.51	57	P	P	09 01 46.8 +0.9
Q12A	Willow Creek R	88.52	50	P	P	09 01 47.3 +1.3
HEC	Hector, Ludlow	88.58	55	P	P	09 01 47.8 +1.4
OBN	Obninsk	88.65	327	P	P	09 01 45.0 -1.0
OBN	Obninsk	88.65	327	iP	I Amb	09 01 44.8 -1.2
OBN	Obninsk	88.65	327	eP	P	09 02 13.7 -1.0
OBN	Obninsk	88.65	327	eP	P	09 05 12.6
OBN	Obninsk	88.65	327	eP	P	09 11 59.6 -5.3
VSR	Storozhevoje	88.69	323	eP	P	09 01 44.6 -1.8
GNI	Garni	88.70	311	LR	LR	09 45 55.8
GNI	Garni	88.70	311	iP	P	09 01 47.3 +0.4
GNI	Garni	88.70	311	P	P	09 01 46.3 -0.6
VORD	Vidnogorie	88.70	323	eP	P	09 01 44.6 -1.8
BOZ	Bozeman (W)	88.72	43	P	I Amb	09 01 47.7 +0.9
BOZ	Bozeman (W)	88.72	43	P	I Amb	09 02 15.3
BOZ	Bozeman (W)	88.72	43	P	P	09 01 47.7 +0.9
BOZ	Bozeman (W)	88.72	43	P	P	09 01 47.8 +0.9
TUQ	Turquoise Moun	88.73	54	P	P	09 01 48.0 +0.9
PFO	Pinyon Flats O	88.83	56	LR	LR	09 35 20.9
PFO	Pinyon Flats O	88.83	56	P	P	09 01 48.5 +1.0
PFO	Pinyon Flats O	88.83	56	P	P	09 01 48.6 +1.0
PFO	Pinyon Flats O	88.83	56	P	P	09 01 48.7 +1.2
PRN	Prnhoc Range	88.84	52	P	I Amb	09 01 49.2 +1.6
TPFO	Pinon Flats	88.84	56	P	P	09 01 48.8 +1.1
PMD	Palm Desert	88.89	56	I Amb	I Amb	09 01 53.1
KBZ	Khabaz	88.89	315	P	P	09 01 46.5 -0.9
KBZ	Khabaz	88.89	315	LR	LR	09 43 12.5
KBZ	Khabaz	88.89	315	iP	P	09 01 46.6 -0.9
KBZ	Khabaz	88.89	315	eP	P	09 01 46.6 -0.9
SPR3	Spring Creek 3	88.90	50	I Amb	I Amb	09 01 50.7
BAR	Barrett	88.92	57	P	P	09 01 48.6 +0.7
KIV	Kislovodsk	88.96	315	P	I Amb	09 01 47.3 -0.7
KIV	Kislovodsk	88.96	315	eP	P	09 01 46.4 -1.5
KIV	Kislovodsk	88.96	315	eP	P	09 12 05.1
KIV	Kislovodsk	88.96	315	eP	P	09 18 19.0 -2.5
KIV	Kislovodsk	88.96	315	eP	P	09 01 46.4 -1.5
KIV	Kislovodsk	88.96	315	eP	P	09 01 46.4 -1.5
TKX	Tecate	89.00	57	I Amb	I Amb	09 02 18.9
SHPR	Sheep Range	89.02	53	P	I Amb	09 01 50.1 +1.6
MONP2	Monument Peak	89.06	56	P	P	09 01 49.9 +1.1
ELMC	Belle Mtn, Jos	89.09	55	P	P	09 01 49.6 +0.8
BEGT	Eagleton	89.11	40	P	I Amb	09 01 49.5 +1.0
EGMT	Eagleton	89.11	40	P	I Amb	09 02 16.4
EGMT	Eagleton	89.11	40	P	P	09 01 49.0 +0.5
GMRC	Granite Mounta	89.13	54	P	P	09 01 50.5 +1.5
NEY	Neytrino	89.17	315	eP	P	09 01 48.7 -0.3
HVU	Hansel Valley	89.17	47	P	I Amb	09 01 50.2 +1.2
HVU	Hansel Valley	89.17	47	P	I Amb	09 01 53.6
HVU	Hansel Valley	89.17	47	P	P	09 01 50.3 +1.2
AKH	Akhalkalaki	89.21	313	P	P	09 01 49.1 -0.2
AKH	Akhalkalaki	89.21	313	P	P	09 01 49.1 -0.2
BGU	Big Grassy Mou	89.26	48	P	P	09 01 50.6 +1.1
IKP	In-Ko-Pah, Jac	89.38	57	P	P	09 01 51.6 +1.5
YMR	Madison River	89.48	44	P	I Amb	09 01 51.8 +1.3
V12A	Nelson	89.49	53	P	I Amb	09 01 52.3 +1.7
YUH	Yuhua Desert	89.54	56	I Amb	I Amb	09 02 21.6
SWSC	Sam W. Stewart	89.55	56	P	P	09 01 51.9 +1.1
SPUT	South Promonto	89.55	47	P	I Amb	09 01 52.2 +1.3
BC3	Big Chuckawall	89.62	55	P	P	09 01 52.7 +1.4
PUL	Pulkovo	89.64	333	eP	P	09 01 49.9 -0.7
DUG	Dugway, Tooele	89.65	49	P	P	09 01 52.5 +1.2
YNR	Norris Junctio	89.65	44	P	I Amb	09 01 54.1 +2.8
ESJX	Sierra Juarez	89.70	57	P	I Amb	09 01 53.3 +1.6
ESJX	Sierra Juarez	89.70	57	P	I Amb	09 02 22.9

IRM	Iron Mountain	89.72	55	P	P	09 01 53.1 +1.5
IMW	Indian Meadow	89.75	45	P	I Amb	09 01 53.4 +1.4
IMW	Indian Meadow	89.75	45	P	I Amb	09 01 55.0
YUF	Upper Flats	89.77	44	P	I Amb	09 01 53.7 +1.8
FXWY	Fox Creek	89.78	45	P	I Amb	09 01 53.2 +1.2
H17A	Grant Village	89.83	44	P	I Amb	09 01 54.9
H17A	Grant Village	89.83	44	P	I Amb	09 01 54.2
H17A	Grant Village	89.83	44	P	P	09 01 54.6 +2.3
FLWY	Flagg Ranch	89.85	44	P	P	09 01 53.9 +1.6
LKWY	Lake	89.89	44	I Amb	I Amb	09 01 57.7
MOOW	Moose Ponds	89.94	45	P	P	09 01 52.9 +0.2
GCMT	Greycliff	89.95	43	P	P	09 01 53.9 +1.3
NEE2	Needles Airpor	89.95	54	P	P	09 01 54.0 +1.3
REDW	Red Top Meadow	89.99	45	P	I Amb	09 01 53.5 +0.5
VTX	Valle De La Tr	90.01	58	I Amb	I Amb	09 02 24.2
AHID	Auburn Hatcher	90.02	46	P	I Amb	09 01 54.1 +1.0
SNOW	Snow King Moun	90.03	45	P	I Amb	09 01 54.5 +1.4
SNOW	Snow King Moun	90.03	45	P	I Amb	09 01 56.0
HWUT	Hardware Ranch	90.08	47	I Amb	I Amb	09 01 56.5
NLU	North Lily Min	90.26	49	P	I Amb	09 01 55.4 +1.2
GLA	Glamis	90.30	56	P	I Amb	09 01 55.9 +1.5
GLA	Glamis	90.30	56	P	I Amb	09 01 57.0
GLA	Glamis	90.30	56	P	P	09 01 55.9 +1.5
GLA	Glamis	90.30	56	P	P	09 01 56.2 +1.8
LCMT	Little Creek M	90.33	52	P	I Amb	09 01 55.8 +1.3
BLVC	Blythe	90.33	55	P	I Amb	09 01 55.9 +1.5
TCUT	Toone Canyon	90.36	47	P	P	09 01 55.7 +0.9
STEI	Steigen	90.39	343	eP	I Amb	09 01 53.2 -0.7
W13A	Hualapai Mount	90.43	54	P	I Amb	09 01 56.7 +1.5
RLMT	Red Lodge	90.45	43	P	I Amb	09 01 55.8 +0.8
RLMT	Red Lodge	90.45	43	P	I Amb	09 01 59.8
PDMC1	Parker Dam, Lak	90.47	54	P	P	09 01 55.9 +0.9
MPU	Maple Canyon	90.56	48	P	I Amb	09 01 56.6 +1.0
FIAT	FINES Array B	90.60	335	P	P	09 01 53.7 -1.4
FINES	FINES Array B	90.60	335	P	P	09 01 53.8 -1.5
FINES	FINES Array B	90.60	335	iP	P	09 01 53.2 -1.8
MSU	Marysvalde	90.65	50	P	P	09 01 57.0 +0.9
FAUS	Fauske	90.74	343	eP	P	09 01 55.7 +0.1
MTPU	Mount Pierson	90.80	50	P	P	09 01 58.1 +1.1
SFX	San Felipe	90.88	58	P	I Amb	09 01 58.0 +1.0
FFC	Flin Flon	90.90	32	P	I Amb	09 01 56.4 -0.2
FFC	Flin Flon	90.90	32	P	I Amb	09 01 58.0
FFC	Flin Flon	90.90	32	P	P	09 01 56.4 -0.2
PKCU	Pink Cliffs	90.90	51	P	P	09 01 57.9 +0.5
DBG	Daneborg	90.91	356	eP	I Amb	09 01 55.1 -1.6
BSUT	Blindstream Ca	91.02	48	P	I Amb	09 01 59.2 +1.2
BW06	Boulder Array	91.09	45	P	I Amb	09 01 58.5 +0.4
BW06	Boulder Array	91.09	45	P	P	09 01 60.0
BW06	Boulder Array	91.09	45	P	P	09 01 58.4 +0.3
PD31	Pinedale Array	91.09	45	I Amb	I Amb	09 01 57.8 -0.3
PDAR	Pinedale Array	91.09	45	P	P	09 01 58.6 +0.6
PDAR	Pinedale Array	91.09	45	P	P	09 02 24.4 -2.4
PDAR	Pinedale Array	91.09	45	P	P	09 19 20.5 -1.4
PDAR	Pinedale Array	91.09	45	P	P	09 36 11.1
PDAR	Pinedale Array	91.09	45	P	P	09 01 58.2 +0.1
SOC	Sochi	91.11	316	eP	P	09 01 55.0 -2.8
SOC	Sochi	91.11	316	eP	P	09 01 55.2 -3.5
SOC	Sochi	91.11	316	eP	P	09 01 55.0 -2.8
SOC	Sochi	91.11	316	eP	P	09 02 29.0
TMUT	Trail Mountain	91.11	49	P	I Amb	09 01 59.7 +1.3
GURO	Guroymak-BITLI	91.20	310	P	P	09 01 58.2 -0.4
113A	Mohawk Valley,	91.23	56	P	I Amb	09 01 59.7 +1.1
U15A	North Rim	91.24	52	P	I Amb	09 02 00.2 +1.2
Q16A	Castle Valley	91.26	49	I Amb	I Amb	09 02 29.9
P17A	Butcher Ranch,	91.39	49	P	I Amb	09 02 00.2 +0.7
Y14A	Wickenburg	91.48	55	P	I Amb	09 02 01.4 +1.1
P18A	Preston Tuttle	91.70	48	P	I Amb	09 02 02.1 +1.1
MOR8	Moi Rana	91.81	342	eP	P	09 01 59.0 -1.6
KOPT	Kop Dag	91.82	312	I Amb	I Amb	09 02 04.6
LAO	LASA Array	91.83	41	P	P	09 02 02.0 +0.8
LAO	LASA Array	91.83	41	P	P	09 02 02.1 +0.9
LAO	LASA Array	91.83	41	P	P	09 02 01.5 +0.2
RDMU	Red Mountain	91.86	47	P	P	09 02 02.7 +1.1
VSU	Vasula	91.90	332	eP	P	09 01 59.9 -1.2
VSU	Vasula	91.90	332	eP	P	09 02 00.1 -1.0
MEF	Metshohi	91.96	335	eP	P	09 01 59.8 -1.5
ANN	Anapa	92.18	317	eP	P	09 01 51.2 -1.2
ANN	Anapa	92.18	317	eP	P	09 02 23.3 -3.4
ANN	Anapa	92.18	317	eP	P	09 05 38.7
ANN	Anapa	92.18	317	eP	P	09 19 04.5 -3.1
WUAZ	Wupatki	92.24	53	P	P	09 02 04.5 +1.1

VNDA	Vanda	92.25	176	P	P	09 02 03.5 +1.2
VNDA	Vanda	92.25	176	P	P	09 02 03.3 +1.0
VNDA	Vanda	92.25	176	P	P	09 02 03.2 +1.0
214A	Organ Pipe Nat	92.26	56	P	I Amb	09 02 04.6 +1.1
214A	Organ Pipe Nat	92.26	56	P	I Amb	09 02 34.1
214A	Organ Pipe Nat	92.26	56	P	I Amb	09 02 05.1 +1.7
DGMT	Dagmar	92.36	39	P	I Amb	09 02 03.9 +0.2
DGMT	Dagmar	92.36	39	P	I Amb	09 02 31.0
DGMT	Dagmar	92.36	39	P	P	09 02 03.8 +0.2
DGMT	Dagmar	92.36	39	P	P	09 02 03.7 +0.1
RAF	Rauma	92.56	336	eP	P	09 02 02.5 -1.7
FCC	Fort Churchill	92.64	27	P	I Amb	09 02 03.9 -0.6
FCC	Fort Churchill	92.64	27	P	I Amb	09 02 48.7
FCC	Fort Churchill	92.64	27	P	P	09 02 03.9 -0.6
JMIC	Jan Mayen	92.94	352	LR	LR	09 50 22.9
O20A	White River Ci	92.96	47	P	I Amb	09 02 07.7 +1.0
O20A	White River Ci	92.96	47	P	I Amb	09 02 08.4
O20A	White River Ci	92.96	47	P	P	09 02 07.0 +0.2
PV10	Paradox Valley	93.02	49	P	I Amb	09 02 08.2 +1.1
MTSE	Matsula	93.05	334	eP	P	09 02 05.3 -1.1
RAYN	Ar Rayn	93.06	295	P	I Amb	09 02 06.1 -1.2
RAYN	Ar Rayn	93.06	295	P	I Amb	09 02 07.3
RAYN	Ar Rayn	93.06	295	P	P	09 02 06.5 -0.8
RAYN	Ar Rayn	93.06	295	P	P	09 02 05.9 -1.4
RWWY	Rawlins	93.11	46	I Amb	I Amb	09 02 10.2
K22A	Casper	93.21	45	P		

13d 8h

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like MDND Maddock, SDCO Great Sand Dun, ANMO Albuquerque, etc.

2017 MAR

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like POST Post, MORA Moravsky Berou, HERR Herculanu, etc.

716

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like G007 Milladeo Hill, BETC Betania, PRAC Prado, etc.

Table with columns: Code, Station, Name, Time, Date, Status, etc. Includes entries like JMA 13 08:55:30.6, SKHL 13 08:55:30.7, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WAKE ISLAND Hy 29.38 156 T, WAKE ISLAND Hy 30.47 157 T, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JACV Jacura, TURV Turiamo, BENV Beln, etc.

FUNV 13 11:18:17.8, 12:29N.69.55W, h66km, MW3.7, Near coast of Venezuela

ISC 13 11:34:00.3±1.5, 23.231N:126.05E, h0km, mb3.2/3, mbtmp3.2/4, ML2.9/1, MS2.7/3, Error ellipse: s-maj=57.8km s-min=27.8km az=79.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Miyako jima3, Gusukube, Irabujima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Korea Array, Davo City (W), Chiang Mai Arr, etc.

HEL 13 12:01:33.6±0.4, 67.16N:20.58E, h0km, ML1.1, Explosion, Sweden

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

ISC 13 12:04:02.9±0.4, 10.38S:160.84E, h0km, mb3.5/3, mbtmp3.5/3, MS3.2/1, Error ellipse: s-maj=228.1km s-min=46.1km az=116.0, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WAKE ISLAND Hy 29.26 11 T, WAKE ISLAND Hy 29.26 11 T, etc.

NNC 13 12:14:40.2±6.8, 36.181N:70.96E, h100km, mb3.1, mpv3.7, Error ellipse: s-maj=62.9km s-min=47.2km az=136.0

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

HEL 13 12:19:16.2±0.4, 67.83N:20.07E, h0km, MLO.9, Explosion DNK 13 12:19:16.8±0.5, 67.83N:20.21E, h0km, ML2.9(U,PP), Suspected explosion

UPP 13 12:19:16.5±0.4, 67.83N:20.20E, h1km±5km, ML2.9, Confirmed Induced event

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

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

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

ISC 13 12:28:02.7±990.0, 54.08N:0.10E, h0km, Error ellipse: s-maj=476.4km s-min=199.2km az=101.0, North Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FREYUNG INFRAS 9.97 116 I, DUBNA INFRASON2.07 68 I, etc.

ISC 13 12:32:35.8±0.7, 16.43S:173.26W, h38km, 4km, mb4.0/1/2, mbtmp4.3/13, ML3.1/1, MS3.6/2, Error ellipse: s-maj=28.5km s-min=14.0km az=146.0

NEIC 13 12:32:35.0±1.8, 16.5S:0.1x173.2W:0.1, h28km, 6km, mb4.7/19, Error ellipse: s-maj=18.5km s-min=17.9km az=82.0

ISC 13 12:32:35.7±0.4, 16.48S:0.09x173.24W:0.07, h35km, n114, c091/95, mb4.5/22, MS3.7/23, 12C-8D, Tonga Islands

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

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

ISC 13 12:32:35.7±0.4, 16.48S:0.09x173.24W:0.07, h35km, n114, c091/95, mb4.5/22, MS3.7/23, 12C-8D, Tonga Islands

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

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

HEL 13 12:19:16.2±0.4, 67.83N:20.07E, h0km, MLO.9, Explosion DNK 13 12:19:16.8±0.5, 67.83N:20.21E, h0km, ML2.9(U,PP), Suspected explosion

UPP 13 12:19:16.5±0.4, 67.83N:20.20E, h1km±5km, ML2.9, Confirmed Induced event

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

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

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

ISC 13 12:28:02.7±990.0, 54.08N:0.10E, h0km, Error ellipse: s-maj=476.4km s-min=199.2km az=101.0, North Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FREYUNG INFRAS 9.97 116 I, DUBNA INFRASON2.07 68 I, etc.

ISC 13 12:32:35.8±0.7, 16.43S:173.26W, h38km, 4km, mb4.0/1/2, mbtmp4.3/13, ML3.1/1, MS3.6/2, Error ellipse: s-maj=28.5km s-min=14.0km az=146.0

NEIC 13 12:32:35.0±1.8, 16.5S:0.1x173.2W:0.1, h28km, 6km, mb4.7/19, Error ellipse: s-maj=18.5km s-min=17.9km az=82.0

ISC 13 12:32:35.7±0.4, 16.48S:0.09x173.24W:0.07, h35km, n114, c091/95, mb4.5/22, MS3.7/23, 12C-8D, Tonga Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Sart Tilman, Terrell, Prunhonic, etc.

WEL 13 12:38:20.6±0.5, 43.4°S, 173°E, h12km, 5km, ML2.5/5, Error ellipse: s-maj=0.0km s-min=0.0km az=135.3, Confirmed, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GVZ, KHZ, Lake Taylor, etc.

MOS 13 12:44:15.2±1.0, 44.54°N, 146°48'E, h172km, mb3.8/5, Error ellipse: s-maj=12.1km s-min=9.2km az=74.6, IDC 13 12:44:16.9±1.4, 44.65°N, 146°39'E, h173km, 13km, mb3.2/11, mbtmp3.7/17, MSK3.2/2, Error ellipse: s-maj=18.0km s-min=11.3km az=134.0, SKHL 13 12:44:16.0±1.4, 44.60°N, 146°50'E, h150km, 8km, mb4.8/4, msh5.5/4, JMA 13 12:44:17.0±0.4, 44°N, 146°E, h164km, 3km, MV3.7/39, NEAR KUNASHIRI ISLAND, IDC 13 12:44:16.2±0.6, 44.52°N, 146°47'E, h168km, 5km, n74, 0.9/85, mb3.5/12, 6C-4D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Yuzh-Kuril'sk, Misakichio, Rausu, Kuril'sk, Nemuro, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JNSB, Nemuroshibetsu, JNKH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WHZ, Wether Hill Ro, TOO, Toulangi, BBOO, etc.

IDC 13 13:24:07.7±8.0, 4.47°S, 141.76°E, h237km, 84km, mb3.0/4, mbtmp3.7/5, Error ellipse: s-maj=67.0km s-min=30.1km az=100.0, New Guinea

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

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PLN Plauen, ROTZ Rotzenmühle, MANZ Manzeberg, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like I21K Tanana, I21K Tanana, NEEM North Greenlan, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SCRK Sand Creek, PAX Sand Creek, DOT Dot Lake, etc.

Technical notes and coordinates: IDC 13 14:22:08.3; 1.5, 8.74S; 113.18E, h117km, 11km, mb3.5/6, mbmp3.9/7, Error ellipse: s-maj=48.9km s-min=16.6km az=52.0, NEIC 13 14:22:09.2; 1.4, 8.5S; 0.1; 113.53E; 0.08, h116km, 5km, mb4.0/13, Error ellipse: s-maj=20.3km s-min=10.3km az=200.0, DJA 13 14:22:09.6; 0.3, 9.5S; 4.1; 113.3E, h88km, 5km, M4.2/19,

mb4.3/5, mb4.9/1, MLv4.1/19, Mw(mb)4.1/1
ISC 13 14:22:08.1, 0.6, 8.72S, 0.06a:113.46E:0.05, h116km, 6km,
m62, c1943/73, mb3.8/9, Jav

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like GMJI, JAGI, ABJI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CCCC, STR, AIGLE, OSSI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PANM, RAMR, PTAM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mina Array Sit, Shoshone, Teco, HEC, TPV, VERR, etc.

ROM 13 14:41:06.2±0.1, 42.770N, 0°00'13.290E, 0°00'3, h16km, ML1.2/4, 1C-4D, Error ellipse: s-maj=0.2km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Arquata del Tr, Castelsantange, etc.

ROM 13 14:41:58.4±0.4, 42.80N, 0°02'13.04E, 0°01, h12km, 4km, MLO.8/3, 3C-1D, Error ellipse: s-maj=1.8km

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

NNC 13 14:47:23.7±9.8, 37°09'N, 70°54'E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=90.3km s-min=64.4km az=145.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Almayashu, Uchtor, Karatay Array, etc.

IDC 13 14:50:53.2±7.5, 17.433N, 177.50E, h0km, mb3.8/3, mbtm3.8/3, Error ellipse: s-maj=337.6km

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

ISK 13 15:02:31.9, 36°96'N, 36°01'E, h6km, ML2.6/12

DDA 13 15:02:32.3±0.0, 36°96'N, 36°09'E, h17km, 3km, ML2.6

ISC 13 15:02:31.9±1.2, 36°96'N, 0°03:36.07E, 0°03, h5km, 12km, n24, 0°48/33, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YURE, KAMA, KOZT, AKO, etc.

IDC 13 15:05:53.4±357.0, 64°18'N, 24°00'E, h0km, Error ellipse: s-maj=149.8km s-min=102.5km az=163.0, Finland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I37NO, I43RU, I31KZ, etc.

SJA 13 15:05:51.0±8.0, 20°43'3S, 71°58'W, h17km, 3km, ML5.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJA, NEIC, VAO, MOS, GUC, etc.

cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 13 15:06:00.5±1.9, 30°47'S, 71°26'W, h93km, 16km, mb4.9/18, mbtmp5.2/21, MS4.3/32 Error ellipse: s-maj=18.4km

s-min=10.7km az=62.0 ISC 13 15:05:55.4±0.3, 30°45'S, 0°02:71.38W, 0°04, h49km, 2km, h49km: p-P, n902, 0°19'28.831, mb5.3/231, MS4.5/35, 47C-18D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Fray Jorge, Tololo Observa, El Pedregal, etc.

JFWS	Jewell Farm	75.03 346	P	P	15 17 32.8 +1.2	comp=Z,1um,0.9s	PHWY	Pilot Hill	78.03 334	I	Amb	I	Amb	15 17 51.5	PAHR	Pah Rah Range	82.83 325	I	Amb	I	Amb	15 18 17.6
SADO	Sadowa	75.19 354	P	P	15 17 32.5 +0.1	comp=Z,35nm,1.0s,baz=188,slow=5.1,SNR=13	ROOI	Roodraal Farm	78.06 121	I	I	Amb	P	15 17 50.0 +0.7	MPK	Martis Peak	82.84 324	I	Amb	I	Amb	15 18 17.9
SADO	Sadowa	75.19 354	I	Amb	15 17 33.9	comp=Z,35nm,1.0s	ROOI	Roodraal Farm	78.06 121	I	I	Amb	P	15 17 50.5	LAO	LASA Array	82.98 337	I	Amb	I	Amb	15 18 17.1
G62A	West of Eustis	75.31 1	P	P	15 17 34.4 +1.3	comp=Z,32nm,0.9s	O20A	White River Ci	78.11 332	I	Amb	I	Amb	15 17 52.2	LAO	LASA Array	82.98 337	P	P	P	15 18 15.7 +0.6	
G62A	West of Eustis	75.31 1	P	P	15 17 34.9 +1.8	comp=Z,32nm,0.9s	O20A	White River Ci	78.11 332	P	P	P	P	15 17 50.6 +1.2	ULM	Lac du Bonnet	83.23 344	P	P	P	15 18 16.3 +0.2	
G62A	West of Eustis	75.31 1	P	P	15 17 34.9 +1.8	baz=191,SNR=17	GSCA	Goldstone, Bar	78.13 323	P	P	P	P	15 17 50.9 +1.5	ULM	Lac du Bonnet	83.23 344	I	Amb	I	Amb	15 18 17.4
GLA	Glamis	75.36 323	P	P	15 17 34.8 +1.1	baz=142,SNR=17	RAR	Rarotonga	78.23 252	LR	LR	LR	LR	15 44 36.0	LBTB	Labatse	83.29 115	LR	LR	LR	15 49 58.9	
PKME	Peaks-Kenny Ph	75.38 2	I	Amb	15 17 35.9	comp=Z,27nm,0.8s	UPI	Upington	78.27 116	I	Amb	I	Amb	15 17 51.2 +0.7	LBTB	Labatse	83.29 115	I	P	P	15 18 18.0 +0.6	
PKME	Peaks-Kenny Ph	75.38 2	P	P	15 17 35.1 +1.6	comp=Z,27nm,0.8s	UPI	Upington	78.27 116	I	Amb	I	Amb	15 17 51.8	LBTB	Labatse	83.29 115	I	P	P	15 18 17.3 -0.1	
MA7J	Matjiesfontein	75.49 120	I	P	15 17 36.1 +1.3	comp=Z,27nm,0.8s	EDWZ	Edwards Air Fo	78.43 322	P	P	P	P	15 17 52.6 +1.6	LBTB	Labatse	83.29 115	I	Amb	I	Amb	15 18 17.9
S22A	4UR Ranch, Cre	75.51 332	P	P	15 17 36.2 +1.5	baz=149,SNR=6.3	BFON	Badsfontein, M	78.50 120	I	Amb	I	Amb	15 17 52.6 +0.8	SNKL	Senekal, Frees	83.31 119	eP	P	P	15 18 17.8 +0.2	
WUAZ	Wupatki	75.64 327	I	Amb	15 17 38.7	comp=Z,22nm,1.0s	BFON	Badsfontein, M	78.50 120	I	Amb	I	Amb	15 17 53.2	SNKL	Senekal, Frees	83.31 119	eP	P	P	15 18 18.5	
WUAZ	Wupatki	75.64 327	P	P	15 17 37.5 +2.1	comp=Z,22nm,1.0s	P18A	Preston Nutter	78.52 330	I	Amb	I	Amb	15 17 54.7	HLID	Hailey	83.54 330	I	Amb	I	Amb	15 18 20.9
L34A	Svendsen Farm,	75.66 341	I	Amb	15 17 36.6	baz=145,SNR=11	F36A	Milaca	78.57 344	I	Amb	I	Amb	15 17 52.6	HLID	Hailey	83.54 330	P	P	P	15 18 19.7 +1.6	
BGNE	Belgroe	75.66 340	P	P	15 17 36.6 +1.4	comp=Z,40nm,0.9s	F36A	Milaca	78.57 344	P	P	P	P	15 17 51.5 +0.1	PRYS	Parys	83.69 117	I	Amb	I	Amb	15 18 19.4 -0.1
CVNA	Calvinia	75.68 118	I	P	15 17 37.1 +1.2	baz=156	P17A	Butcher Ranch,	78.61 330	I	Amb	I	Amb	15 17 54.7	PRYS	Parys	83.69 117	I	Amb	I	Amb	15 18 19.9
CVNA	Calvinia	75.68 118	I	Amb	15 17 37.8	comp=Z,33nm,1.1s	OSI	Osito Audit: C	78.61 322	P	P	P	P	15 17 54.0 +2.0	KSR	Koster	83.88 116	eP	P	P	15 18 19.9 -0.7	
I42A	Draefer Farm,	75.70 347	I	Amb	15 17 37.0	comp=Z,30nm,0.8s	CCAC	Calif City Air	78.65 323	I	Amb	I	Amb	15 17 55.1	KSR	Koster	83.88 116	eP	P	P	15 18 21.7	
IKP	In-Ko-Pah, Jac	75.71 322	P	P	15 17 37.5 +1.7	comp=Z,51nm,1.1s	SUSD	Miller	78.67 340	I	Amb	I	Amb	15 17 53.6	DGMT	Dagmar	83.88 339	P	P	P	15 18 20.4 +0.8	
MVCO	Messa Verde	75.75 330	P	P	15 17 37.4 +1.3	comp=Z,51nm,1.1s	SUSD	Miller	78.67 340	P	P	P	P	15 17 52.8 +0.8	DGMT	Dagmar	83.88 339	P	P	P	15 18 21.1 +1.4	
SWSC	Sam W. Stewart	75.78 323	P	P	15 17 37.9 +1.8	baz=141	SUSD	Miller	78.67 340	P	P	P	P	15 17 52.8 +0.8	WDLM	Western Deep L	83.99 117	eP	Amb	I	Amb	15 18 21.0
F63A	Nahmakanta, Br	75.82 2	P	P	15 17 37.5 +1.5	baz=148,SNR=8.0	D41A	Chassel	78.69 348	P	P	P	P	15 17 52.8 +0.8	BOZ	Bozeman (W)	84.05 333	P	P	P	15 18 21.0 +0.3	
F63A	Nahmakanta, Br	75.82 2	P	P	15 17 37.5 +1.5	baz=142	LRMC	Laurel Mtn Rad	78.72 323	P	P	P	P	15 17 55.0 +2.3	DLMT	Dillon	84.24 332	I	Amb	I	Amb	15 18 24.9
F63A	Nahmakanta, Br	75.82 2	P	P	15 17 37.5 +1.5	baz=182	PKA	Prieska	78.81 118	I	Amb	I	Amb	15 17 54.2 +0.7	DLMT	Dillon	84.24 332	I	Amb	I	Amb	15 18 24.9
Q24A	Divide	75.89 333	I	Amb	15 17 39.8	baz=182	PKA	Prieska	78.81 118	I	Amb	I	Amb	15 17 54.8	HRAO	HartRAO	84.47 117	I	Amb	I	Amb	15 18 23.3 -0.2
Q24A	Divide	75.89 333	P	P	15 17 38.9 +1.9	comp=Z,22nm,0.8s	PRN	Patroo Range	78.91 326	I	Amb	I	Amb	15 17 57.1	HRAO	HartRAO	84.47 117	I	Amb	I	Amb	15 18 24.6
F62A	Pittston Farm,	76.00 1	I	Amb	15 17 39.7	comp=Z,22nm,0.8s	FURC	Furnace Creek,	79.07 324	P	P	P	P	15 17 56.2 +1.8	SLR	Silverton	85.01 117	eP	Amb	I	Amb	15 18 27.1
F62A	Pittston Farm,	76.00 1	P	P	15 17 38.8 +1.8	baz=141	FURC	Furnace Creek,	79.07 324	P	P	P	P	15 17 56.2 +1.8	SLR	Silverton	85.01 117	eP	Amb	I	Amb	15 18 27.1
F62A	Pittston Farm,	76.00 1	P	P	15 17 38.8 +1.8	comp=Z,22nm,0.8s	MPMC	Manual Prospec	79.07 324	P	P	P	P	15 17 56.0 +1.4	SCHO	Schefferville	85.02 3	P	P	P	15 18 24.9 -0.3	
F62A	Pittston Farm,	76.00 1	P	P	15 17 38.8 +1.8	baz=150,SNR=15	TPNV	Topopah Spring	79.14 325	P	P	P	P	15 17 56.5 +1.6	SCHO	Schefferville	85.02 3	P	P	P	15 18 24.9 -0.3	
PDMCI	Parker Dam,Lak	76.00 325	P	P	15 17 38.3 +1.0	comp=Z,53nm,1.1s	F33A	5 Mile Ranch,	79.22 343	I	Amb	I	Amb	15 17 56.2	J08A	Circle Bar Ran	85.19 328	I	Amb	I	Amb	15 18 29.1
F64A	Sherman	76.00 2	I	Amb	15 17 39.6	baz=142,SNR=14	F33A	5 Mile Ranch,	79.22 343	P	P	P	P	15 17 56.5 +1.6	NWCL	Newcastle	85.19 328	I	Amb	I	Amb	15 18 26.8 -0.3
F64A	Sherman	76.00 2	P	P	15 17 38.8 +1.7	comp=Z,22nm,1.0s	F33A	5 Mile Ranch,	79.22 343	P	P	P	P	15 17 55.6 +0.6	NWCL	Newcastle	85.19 328	I	Amb	I	Amb	15 18 27.6
F64A	Sherman	76.00 2	P	P	15 17 38.8 +1.7	baz=181,SNR=8.6	BCW	Bitter Crk WRG	79.23 322	I	Amb	I	Amb	15 17 58.8	EGMT	Eagleton	85.37 335	I	Amb	I	Amb	15 18 28.7
F64A	Sherman	76.00 2	P	P	15 17 38.8 +1.7	comp=Z,44nm,0.8s	ISA	Isabella, Lake	79.28 323	I	Amb	I	Amb	15 17 58.8	EGMT	Eagleton	85.37 335	P	P	P	15 18 28.0 +0.8	
F64A	Sherman	76.00 2	P	P	15 17 38.8 +1.7	baz=183,SNR=7.2	ISA	Isabella, Lake	79.28 323	I	Amb	I	Amb	15 17 58.8	EGMT	Eagleton	85.37 335	P	P	P	15 18 28.0 +0.8	
I40A	Norwalk	76.05 346	I	Amb	15 17 38.9	comp=Z,19nm,1.4s	ISA	Isabella, Lake	79.28 323	P	P	P	P	15 17 57.3 +1.6	PLID	Pearl Lake	85.44 330	I	Amb	I	Amb	15 18 29.0
MONP2	Monument Peak	76.06 322	P	P	15 17 39.5 +1.5	baz=141	PKM	McPherson Peak	79.40 321	P	P	P	P	15 17 57.4 +0.9	LEPH	Lephalaie, Lim	85.60 115	eP	P	P	15 18 29.5 +0.4	
SUR	Sutherland	76.07 119	LR	LR	15 46 32.0	comp=Z,51nm,1.4s	SOE	Somerset East	79.44 122	P	P	P	P	15 17 56.9 +0.4	LEPH	Lephalaie, Lim	85.60 115	eP	P	P	15 18 30.4	
SUR	Sutherland	76.07 119	P	P	15 17 39.1 +0.9	baz=234,slow=32	SOE	Somerset East	79.44 122	eP	P	P	P	15 17 57.6 +0.8	K05A	Summer Lake	85.86 326	I	Amb	I	Amb	15 18 32.8
SUR	Sutherland	76.07 119	I	Amb	15 17 39.6 +1.3	comp=Z,30nm,19.8s	SOE	Somerset East	79.44 122	eP	P	P	P	15 17 58.4	KHMM	Horse Mountain	85.91 323	I	Amb	I	Amb	15 18 47.1
SUR	Sutherland	76.07 119	I	Amb	15 17 40.1 +1.7	comp=Z,30nm,19.8s	K22A	Casper	79.60 334	P	P	P	P	15 17 58.5 +1.1	MSO	Missoula	85.98 332	P	P	P	15 18 30.9 +0.7	
BC3	Big Chukwall	76.15 323	P	P	15 17 40.0 +1.7	comp=Z,79nm,0.8s	K22A	Casper	79.60 334	P	P	P	P	15 17 59.2 +1.8	K04D	Chloiquin, OR	86.20 325	I	Amb	I	Amb	15 18 33.9
LMN	Caledonia Moun	76.17 5	P	P	15 17 38.8 +0.8	baz=142,SNR=12	TSUM	Tsumeb	79.65 106	I	P	P	P	15 17 58.6 +0.3	I07A	Izeze	86.22 327	I	Amb	I	Amb	15 18 34.8
IRM	Iron Mountain	76.39 324	P	P	15 17 41.3 +1.7	comp=Z,22nm,1.1s	TSUM	Tsumeb	79.65 106	I	P	P	P	15 17 58.6 +0.3	URZ	Urewera	86.46 227	LR	LR	LR	15 47 50.1	
MAW	Mawson	76.42 164	LR	LR	15 52 06.3	baz=140	TSUM	Tsumeb	79.65 106	I	P	P	P	15 17 58.6 +0.3	PINE	Pine Mountain	86.68 326	I	Amb	I	Amb	15 18 36.7
MERW	Merweville	76.47 120	I	Amb	15 17 41.4 +1.0	comp=Z,29nm,20.0s	GRAC	Grapenine Rang	79.73 324	P	P	P	P	15 17 59.2 +1.2	RPZ	Rata Peaks	86.70 220	P	P	P	15 18 34.0 -0.1	
MERW	Merweville	76.47 120	I	Amb	15 17 41.9	baz=226,slow=36	GRAC	Grapenine Rang	79.73 324	P	P	P	P	15 17 59.4 +1.4	RPZ	Rata Peaks	86.70 220	P	P	P	15 18 34.0 -0.1	
OGNE	Ogallala	76.49 337	P	P	15 17 42.1 +2.0	comp=Z,29nm,20.0s	GRHM	Grahamstown, E	79.76 122	I	P	P	P	15 17 58.8 +0.2	RPZ	Rata Peaks	86.70 220	P	P	P	15 18 34.0 -0.1	
E63A	Oxbow	76.56 2	P	P	15 17 41.8 +1.6	comp=Z,117nm,0.9s	GRHM	Grahamstown, E	79.76 122	I	P	P	P	15 17 58.8 +0.2	RPZ	Rata Peaks	86.70 220	P	P	P	15 18 34.0 -0.1	
E63A	Oxbow	76.56 2	P	P	15 17 41.8 +1.6	baz=153	GRHM	Grahamstown, E	79.76 122	I	P	P	P	15 17 59.9	RPZ	Rata Peaks	86.70 220	P	P	P	15 18 34.0 -0.1	
PFO	Pinon Flats	76.63 323	P	P	15 17 42.7 +1.6	comp=Z,92nm,20.0s,baz=124,slow=31	R11A	Troy Canyon, C	79.91 326	P	P	P	P	15 17 59.6 +0.4	L02F	Cave Junction	86.74 324	I	Amb	I	Amb	15 18 36.8
PFO	Pinon Flats	76.64 323	P	P	15 17 42.2 +1.0	baz=183,SNR=9.3	R11A	Troy Canyon, C	79.91 326	P	P	P	P	15 18 00.4 +1.3	HAGI	HAGI	87.03 119	eP	P	P	15 18 35.8 -0.4	
PFO	Pinon Flats	76.64 323	P	P	15 17 42.2 +1.0	comp=Z,139nm,0.9s	R11A	Troy Canyon, C	79.91 326	P	P	P	P	15 18 00.4 +1.3	HAGI	HAGI	87.03 119	eP	P	P	15 18 37.2	
PFO	Pinon Flats	76.64 323	P	P	15 17 42.2 +1.0	baz=141,SNR=9.3	RSSD	Black Hills	79.99 337	P	P	P	P	15 17 59.6 +0.1	I05D	Terrebonne, OR	87.28 327	I	Amb	I	Amb	15 18 39.4
PFO	Pinon Flats	76.64 323	P	P	15 17 42.2 +1.0	comp=Z,139nm,0.9s	RSSD	Black Hills	79.99 337	P	P	P	P	15 17 59.6 +0.1	G06A	Carlson Farm,	87.63 328	I	Amb	I	Amb	15 18 41.1
PFO	Pinon Flats	76.64 323	P	P	15 17 42.2 +1.0	baz=141,SNR=9.3	RSSD	Black Hills	79.99 337	P	P	P	P	15 17 59.6 +0.1	HOED	Hoedspruit, L	87.74 117	eP	P	P	15 18 38.6 -0.9	
PFO	Pinon Flats	76.64 323	P	P	15 17 42.2 +1.0	comp=Z,16nm,1.0s	RSSD	Black Hills	79.99 337	P	P	P	P	15 18 00.9 +1.4	HOED	Hoedspruit, L	87.74 117	eP	P	P		

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like ELK, SML, Sawmill, K20K, etc.

KRNET 13 16:49:24.6:0.1, 39.14N;74.14E, mb3.2
NVC 13 16:49:28.2:1.8, 39.38N;74.29E, h0km, mb3.6, mpv3.3,
Error ellipse: s-maj=13.4km s-min=10.8km az=150.0

SOME 13 16:49:31.4, 39.67N;74.27E, h5km
ISC 13 16:49:20.4:1.7, 39.12N;07.7434E:0.05, h10km, n33,
@173/48, 24C-10D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like OHH, Osh, Karamyk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like DGS, MTBS, Matube, etc.

IDC 13 16:53:02.0:1.6, 30.36N;50.66E, h0km, mb3.7/10,
mtbmp3.7/11, ML3.4/1, MS3.1/1, Error ellipse:
s-maj=30.3km s-min=24.0km az=175.0

TEH 13 16:53:04.7, 30.43N;50.76E, h9km, 24km, ML3.4
OMAN 13 16:53:09.7:1.1, 30.19N;51.05E, h20km, mb3.7/12,
ms2.8/1, Error ellipse: s-maj=9.4km s-min=7.6km az=117.0

ISC 13 16:53:05.4:0.6, 30.42N;0.003:50.80E:0.04, h19km, n77,
@194/91, mb3.8/3, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like ABEH, Babhan, KLANJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like BELG, Belogoroye, AKASA, etc.

MOS 13 16:53:21.7:0.0, 41.86N;42.13E, h4km, MPVA3.1
TIF 13 16:53:21.2:4.1, 83N;42.06E, h20km, 1km
NORS 13 16:53:22.5:0.0, 41.98N;42.30E, h2km, MPVA3.3
DDA 13 16:53:23.0:0.0, 41.72N;42.11E, h7km, 2km, ML3.3
ISC 13 16:53:21.5:1.1, 41.33N;0.02:42.11E:0.02, h4km, 10km,
n37, @80/71, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like BATM, Batumi, ABAT, Abastumani, etc.

Table with columns: WRA, Warramunga Arr, 23.83 163 P, 1.3nm,0.7s,baz=342,slow=10,SNR=9.8 S, 17 08 28.0 -1.0

ROM 13 17:08:51.5:0.1,43.065N,0.0044:13.045E:0.005, h10km,ML1.9/28,9C-3D,Error ellipse: s-maj=0.5km

Main table for station T1219 Muccia, Frazio. Columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Includes sub-headers for 'Central Italy' and 'Central Italy'.

Main table for station T1212. Columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Includes sub-headers for 'Central Italy' and 'Central Italy'.

ROM 13 17:09:34.5:0.0,42.869N,0.0022:13.050E:0.003, h10km,ML1.6/24,12C-4D,Error ellipse: s-maj=0.2km

Main table for station T1216 Preci, Frazion. Columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Includes sub-headers for 'Central Italy' and 'Central Italy'.

Main table for station T1214. Columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Includes sub-headers for 'Central Italy' and 'Central Italy'.

FUNV 13 17:17:02.0, 10.56N,62.110W, h21km, MW3.9 TRN 13 17:17:05.2, 10.78N,62.111W, h74km, MD3.9 TRN Felt in Trinidad MMI II.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes ROM 13 20:29:27.1±0.0, 43.056N, 0.003, 13.075E±0.004, h10km, ML0.7/7, Error ellipse: s-maj=0.3km, s-min=0.2km az=76.0, Central Italy.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes ROM 13 20:30:06.8±0.1, 42.783N, 0.006, 13.197E±0.009, h8km, ML1.1/1, 2C-4D, Error ellipse: s-maj=0.6km, s-min=0.6km az=174.0, Central Italy.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes ROM 13 21:00:59.2±0.1, 42.896N, 0.002, 13.143E±0.004, h12km, ML1.1/5, 5C-2D, Error ellipse: s-maj=0.3km, s-min=0.1km az=286.0, Central Italy.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes T1212 comp=E,126um,0.2s AML AML, T1219 Muccia, Frazio 0.19 328 P S, T1219 Muccia, Frazio 0.19 328 P S, T1241 Roccafulvino 0.22 101 P P, T1241 comp=E,37um,0.1s AML AML, T1241 comp=N,58um,0.3s AML AML, T1220 Camerino, Fraz 0.22 350 P P, T1220 Camerino, Fraz 0.22 350 P P, T1215 Vallo di Nera, 0.22 245 P P, T1215 Vallo di Nera, 0.22 245 P P, T1218 Civita (PG) 0.23 185 P P, T1218 Civita (PG) 0.23 185 P P, T1217 Poggiodoro (PG) 0.24 220 P S, T1217 Poggiodoro (PG) 0.24 220 P S, T1217 TERO 0.44 129 P S, T1217 TERO 0.44 129 P S

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes ROM 13 21:01:37.7±0.0, 42.917N, 0.002, 13.036E±0.003, h14km, ML1.0/4, Error ellipse: s-maj=0.2km, s-min=0.2km az=85.0, Central Italy.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes SNET 13 21:02:57.3±1.0, 12.94N, 89.06W, h47km, ML3.8, INET 13 21:02:58.9±0.8, 12.95N, 89.00W, h29km, 1.2km, MW3.1, ISC 13 21:02:57.1±1.9, 12.91N, 89.08W, 0.05, h31km±13km, n27, 0.948/30, Off coast of central America.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes ALJI Alcaldia de J 0.64 50 eS Sb, TECO Alcaldia de Te 0.69 25 eP Pb, TECO Alcaldia de Te 0.69 25 eP Pb, SJTE Alcaldia de S 0.70 6 eS Sb, COEG Centro de Oper 0.73 15 eP Pb, COEB Comit de Eme 0.79 42 eP Pb, COEB Comit de Eme 0.79 42 eP Pb, TECA Tecapa 0.81 44 eP Pb, PAVA Las Pavas 0.81 10 eP Pb, JAYA Jayaque - finc 0.82 34 eP Pb, JAYA Jayaque - finc 0.82 34 eP Pb, LFU La Fuente 0.83 358 eP Pb, BOQS Boqueron 0.84 347 eP Pb, SCLA Alcaldia de Sa 0.86 23 eP Pb, SCLA Alcaldia de Sa 0.86 23 eP Pb, POSS Presa 15 de Se 0.87 35 eP Pb, LCY Lacayo 0.92 56 eP Pb, PACA Pacayal 0.92 53 eP Pb, PACA Pacayal 0.92 53 eP Pb, PACA San Andres 0.94 341 eS Sb, PACA San Andres 0.94 341 eS Sb, CEVE Cerro Verde 1.05 330 eP Pb, SBLS San Blas 1.06 330 eP Pb, PSNO Presa 5 de nov 1.11 16 eP Pb, PSNO Presa 5 de nov 1.11 16 eP Pb, PSNO Las Nubes 1.20 325 eP Pb, PSNO Las Nubes 1.20 325 eP Pb, NUBE Las Nubes 1.20 325 eP Pb, NUBE Las Nubes 1.20 325 eP Pb, LCND La Caada 1.22 71 eP Pb, LCND La Caada 1.22 71 eP Pb, CNCH Conchagua 1.27 73 eP Pb, CNCH Conchagua 1.27 73 eP Pb, MITO3 Montecristo 1.50 350 eP Pb, MITO3 Montecristo 1.50 350 eP Pb, CRIN San Cristobal 2.99 96 eP Pb, CRIN San Cristobal 2.99 96 eP Pb, SOMN Somoto 2.45 78 eP Pb, SOMN Somoto 2.45 78 eP Pb, MATN Matagalpa 3.08 89 eP Pb, MATN Matagalpa 3.08 89 eP Pb, BOAB BOACO BROADBAN 3.87 97 eP Pb, BOAB BOACO BROADBAN 3.87 97 eP Pb

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes HUEH Huehuetenango 1.53 27 Pn Pg, PCG Pacaya 1.63 74 eP Pb, NBG Las Nubes 1.93 70 eP Pb, PCIG 2.00 331 Pn Sn, PCIG 2.00 331 Pn Sn, CCIG Comit 2.33 2 Pn Pn, CCIG Comit 2.33 2 Pn Pn, CCIG Comit 2.33 2 Pn Pn, SLOZ Alcaldia de Sa 2.37 88 eP Pb, NUBE 2.37 91 eS Sb, CEVE Cerro Verde 2.52 92 eP Pb, CEVE Cerro Verde 2.52 92 eP Pb, SBLS San Blas 2.52 92 eP Pb, JAYA Jayaque - finc 2.71 96 eS Sb, JAYA Jayaque - finc 2.71 96 eS Sb, JAYA comp=Z,1um,0.2s IAML, PMON Piomonte 2.83 94 eP Pb, ESQI Esquipulas 2.86 77 Pn Pb, ESQI Esquipulas 2.86 77 Pn Pb, BOQS Boqueron 2.86 94 eP Pb, SNET Serv Nac Est T 2.92 95 Pn Pn, TGIG 2.95 343 Pn Sn, TGIG 2.95 343 Pn Sn, TGIG 2.95 343 Pn Sn, LFRS Alcaldia de S 3.10 96 eP Pb, SJTE Alcaldia de S 3.10 96 eP Pb, PAVA Las Pavas 3.20 94 eP Pb, COEG Centro de Oper 3.26 95 eP Pb, PSNO Presa 5 de nov 3.36 89 eP Pb, SCLA Alcaldia de Sa 3.40 94 eP Pb, NILT Santiago Nitte 3.48 319 eP Pb, NILT Santiago Nitte 3.48 319 eP Pb, PETF Flores 3.73 37 Pn Pb, PETF Flores 3.73 37 Pn Pb, RANC El Ranchito 3.85 87 eP Pb, CMIG Matias Romero 4.05 321 Pn Sn, CMIG comp=Z,14nm,0.3s,baz=146,slow=11,SNR=48 Sn, CMIG comp=Z,45nm,0.3s,baz=162,slow=11,SNR=4.8, LR LR, CMIG comp=Z,592nm,19.9s,baz=134,slow=39 comp=Z,126nm,0.6s LR LR, CMIG Matias Romero 4.05 321 Pn Sn, CMIG Matias Romero 4.05 321 eP Pb, CMIG Huatulco 4.17 296 eS Pb, CMIG Huatulco 4.17 296 eS Pb, CMIG Huatulco 4.17 296 eS Pb, CMIG Huatulco 4.17 296 eS Pb, LCND La Caada 4.26 98 eP Pb, LCND La Caada 4.26 98 eP Pb, TUIG Tuzandepetl 4.58 333 eS Pb, TUIG Tuzandepetl 4.58 333 eS Pb, TGUH Tegucigalpa,Un 4.80 88 Pn Pb, NEUV Arroyo Zacate 5.09 318 eP Pb, NEUV Arroyo Zacate 5.09 318 eP Pb, SCIG Sabancuy 5.09 11 eP Pb, SCIG Sabancuy 5.09 11 eP Pb, PEIG Puerto Escondi 5.18 294 eP Pb, PEIG Puerto Escondi 5.18 294 eP Pb, PEIG Puerto Escondi 5.18 294 eP Pb, PEIG Puerto Escondi 5.18 294 eP Pb, CRIN San Cristobal 5.18 103 Pn Pb, OXIG Oaxaca 5.35 306 eS Pb, VHO Vista Hermosa 5.35 306 eP Pb, VHO Vista Hermosa 5.35 306 eP Pb, YOIG Yosondua 5.90 300 eP Pb, YOIG Yosondua 5.90 300 eP Pb, YOIG Yosondua 5.90 300 eP Pb, YOIG Yosondua 5.90 300 eP Pb, PNIG Pinotepa 6.20 294 eP Pb, PNIG Pinotepa 6.20 294 eP Pb, PNIG Pinotepa 6.20 294 eP Pb, PNIG Pinotepa 6.20 294 eP Pb, MATN Matagalpa 6.21 99 Pn Pb, TOXPAL Topxalan 6.22 312 eP Pb, TOXPAL Topxalan 6.22 312 eP Pb, TOXPAL Topxalan 6.22 312 eP Pb, TOXPAL Topxalan 6.22 312 eP Pb, TXIG Tlaxiaco 6.28 302 eP Pb, TXIG Tlaxiaco 6.28 302 eP Pb, TXIG Tlaxiaco 6.28 302 eP Pb, TXIG Tlaxiaco 6.28 302 eP Pb, BOAB BOACO BROADBAN 5.102 Pn Pb, HLIIG Huajuaplan de L 6.62 306 eP Pb, HLIIG Huajuaplan de L 6.62 306 eP Pb, HLIIG Huajuaplan de L 6.62 306 eP Pb, HLIIG Huajuaplan de L 6.62 306 eP Pb, TPIG Tehuacanfan 6.65 313 eP Pb, TPIG Tehuacanfan 6.65 313 eP Pb, TPIG Tehuacanfan 6.65 313 eP Pb, TPIG Tehuacanfan 6.65 313 eP Pb, FTIG Fresnillo de T 6.92 306 eP Pb, FTIG Fresnillo de T 6.92 306 eP Pb, FTIG Fresnillo de T 6.92 306 eP Pb, FTIG Fresnillo de T 6.92 306 eP Pb, TLIG Tiapa 7.09 301 Pn Pb, TLIG Tiapa 7.09 301 Pn Pb, TLIG Tiapa 7.09 301 Pn Pb, TLIG Tiapa 7.09 301 Pn Pb, ACON Acopya 7.14 105 Pn Pb, DAIG Los Arroyos 7.79 294 Pn Pb, DAIG Los Arroyos 7.79 294 Pn Pb, DAIG Los Arroyos 7.79 294 Pn Pb, DAIG Los Arroyos 7.79 294 Pn Pb, ESPN Las Esperanzas 7.91 102 Pn Pb, JTS Las Juntas de 7.91 116 Pn Pb, CXUV Coxquihui 8.04 321 eP Pb, CXUV Coxquihui 8.04 321 eP Pb, CXUV Coxquihui 8.04 321 eP Pb, CXUV Coxquihui 8.04 321 eP Pb, MEIG Mezcala 8.14 300 eP Pb, MEIG Mezcala 8.14 300 eP Pb, MEIG Mezcala 8.14 300 eP Pb, MEIG Mezcala 8.14 300 eP Pb, YAIG Yautepac 8.19 308 eP Pb, YAIG Yautepac 8.19 308 eP Pb, YAIG Yautepac 8.19 308 eP Pb, YAIG Yautepac 8.19 308 eP Pb, PLIG Platanillo 8.28 303 eP Pb, PLIG Platanillo 8.28 303 eP Pb, PLIG Platanillo 8.28 303 eP Pb, PLIG Platanillo 8.28 303 eP Pb, CAIG El Cayaco 8.35 293 eP Pb, CAIG El Cayaco 8.35 293 eP Pb, CAIG El Cayaco 8.35 293 eP Pb, CAIG El Cayaco 8.35 293 eP Pb, ARIG Puente Sto Nin 8.92 300 eP Pb, ARIG Puente Sto Nin 8.92 300 eP Pb, ARIG Puente Sto Nin 8.92 300 eP Pb, ARIG Puente Sto Nin 8.92 300 eP Pb, CVTR Volcan Turrial 9.15 114 Pn Pb, ZIIG Zihuatanejo 9.62 293 eP Pb, ZIIG Zihuatanejo 9.62 293 eP Pb, ZIIG Zihuatanejo 9.62 293 eP Pb, ZIIG Zihuatanejo 9.62 293 eP Pb, MOIG Morelia 10.31 305 eP Pb, BRUZ Volcan 10.65 118 Pn Pb, SOR Soroa 12.40 43 Pn Pb, ZAIK Zatecates 13.17 313 Pn Pb, 735A Kenady 15.72 342 Pn Pb, 833A Chaparral WMA, 833A Chaparral WMA, baz=154 15.79 336 Pn Pb, DWPF Disney Wildern 17.31 34 Pn Pb, 435B Jarrell 17.47 344 Pn Pb, 435B Jarrell 17.47 344 Pn Pb, 656A Willston 17.78 29 Pn Pb, BRAL Brewton 17.79 15 Pn Pb, NATX Nacogdoches 17.88 353 Iamb Iamb, NATX Nacogdoches 17.88 353 Pn Pb, NATX comp=Z,60nm,1.2s baz=172 17.88 353 Pn Pb, JCTJ Junction City 17.88 338 Pn Pb, JCTJ Junction City 17.88 338 Pn Pb

Table with columns: JCT, Location, Elevation, Azimuth, Azimuth Error, Azimuth Range, and other details. Includes entries like Junction City, Lake Whitney, Lajas Arroyo, etc.

Table with columns: JCT, Location, Elevation, Azimuth, Azimuth Error, Azimuth Range, and other details. Includes entries like Douglas, Waynoka, Salt Plains, etc.

Table with columns: JCT, Location, Elevation, Azimuth, Azimuth Error, Azimuth Range, and other details. Includes entries like Auburn Hatcher, Red Top Meadow, Elko, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include ARCES ARCES Array B, TORO Torodi Ar. Bea, RES Resolute Bay, WRA Warramunga Arr.

IDC 14:00:18:32.2.2.4, 17.42N:62.77W, h92km, 21km, mb3.8/14, mbmp4.2/17, MS3.0/1, Error ellipse: s-maj=19.7km, s-min=11.2km az=64.0

ISC 14:00:16:34.3.0.6, 17.53N:0.04:62.82W, 0.04, h109km, 5km, n196, r124/224, mb4.2/44, 1C, Leeward Islands

Main table of seismic stations with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SEUS St. Eustatius, ANWB Willy Bob, WUAZ Wupatki, etc.

Main table of seismic stations with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PTBC PUERTO BERRIO, MDP Montages Des, SPCB San Pablo de B, etc.

Main table of seismic stations with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like L27K Beaver Creek, M27K Edge Creek, K27K Chicken, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Civita (PG), Arquatadel Tr, Poggiodomo (PG), etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Cascia, Frazio, Arquatadel Tr, Poggiodomo (PG), etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Civita (PG), Arcevia, Karpathos, Arkhangelos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Honiara, Mont Dzumac, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Muccia, Frazio, Camerino, Fraz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like STIA, TURN, BDRM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Green Lake, Te Kaha, Waionatatin S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Muccia, Frazio, Camerino, Fraz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like THR6, THR3, CMBO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GOLH Golhisar, APMY Acipayam-Deniz zmir, ALFK Alfa, etc.

IDC 14 02:12:43.5:10.0, 12:28S:167.09E, h130km, 92km, mb3.7/9, mbmp4.0/9, Error ellipse: s-maj=52.4km s-min=27.8km az=138.0

NEIC 14 02:12:55.0:1.2, 12:3S:0.1:167.1E:0.2, h239km, 8km, mb4.3/26, Error ellipse: s-maj=23.6km s-min=18.9km az=105.0

ISC 14 02:12:53.7:0.6, 12:22S:0.1:167.0E:0.1, h200km, n46, c090/48, mb4.2/23, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARMA Armidale, BKZ Black Stump Fm, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HDA Harding Lake, IL31, ILAR Eielson Array, etc.

IDC 14 02:17:28.9:2.5, 35:58N:139.16E, h110km, 43km, mb3.4/2, s-min=7.2, MS3.0/7, Error ellipse: s-maj=76.8km s-min=65.0km az=11.0

JMA 14 02:17:28.9:1.2, 36:11N:106.139:12E:0.09, h125km, 8km, n15, c060/18, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JRY Ryogami san, JAG Ashikaga, JKT Katashina, etc.

SOME 14 02:18:35.5, 39:23N:73:80E, h15km, ISC 14 02:18:54.4, 38:7N:0.2:73:9E:0.1, h10km, n7, c045/9, 1C-2D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, MRKS Merke, IUG Iuzhnyy, etc.

IDC 14 02:32:03.6:2.5, 0:42N:131.01E, h0km, mb3.1/4, mbmp3.2/4, Error ellipse: s-maj=200.3km s-min=25.2km az=74.0, Irian Jaya region

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

MAN 14 02:33:08.4, 7:45N:124:44E, h20km, mb4.6, ML3.4, MS3.3, 9C-4D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTBH Cotabato-PC H, KCP Kidapawan, SKMP Bagumbayan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUTP Bislig, BIFH Bislig, BIFH Sibulan, etc.

GCG 14 02:35:32.4:0.3, 14:53N:90:51W, h168km, 3km, MD3.5 SNET 14 02:35:32.4:1.2, 0.1:32N:89:86W, h33km, 4km, ML3.1 ISC 14 02:35:31.2:2.7, 13:35N:0.1:89:89W:0.07, h32km, 15km, n12, c059/17, 3D, El Salvador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAYA Jayaque - finc, CEVE Cerro Verde, NUBE Las Nubes, etc.

ISK 14 02:50:27.8, 39:54N:26:09E, h7km, ML2.5/21 THE 14 02:50:28.6, 39:53N:26:08E, h5km, 1km, ML2.3/7, Error ellipse: s-maj=1.1km s-min=0.3km az=155.0

DDA 14 02:50:28.3:0.0, 39:55N:26:14E, h7km, ML2.4/4 ATH 14 02:50:28.6, 39:53N:26:08E, h12km, 1km, ML2.4/5, Error ellipse: s-maj=2.3km s-min=0.8km az=234.0

ISC 14 02:50:28.2:0.8, 39:54N:0.01:26:10E:0.02, h10km, 5km, n63, c052/98, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOCA Canakkale, Ayyv, GPNR Gulpar-Canak, BOZC Bozcaada, etc.

BOZC comp=N, 442nm, 0.2s i AML AML 02 50 39.0

BOZC comp=E, 616nm, 0.2s i AML AML 02 50 39.0

BOZC comp=N, 432nm, 0.2s i AML AML 02 50 39.0

BOZC comp=E, 681nm, 0.3s i AML AML 02 50 39.0

PRK Parakevi 0.32 155 P Sg 02 50 35.1 +0.5

PRK Parakevi 0.32 155 P Sg 02 50 35.1 +0.5

PRK Parakevi 0.32 155 P Sg 02 50 35.1 +0.5

PRK Parakevi 0.32 155 P Sg 02 50 35.1 +0.5

PRK Parakevi 0.32 155 P Sg 02 50 35.1 +0.5

PRK Parakevi 0.32 155 P Sg 02 50 35.1 +0.5

EZN Ezine 0.34 31 P Sg 02 50 35.1 +0.2

EZN Ezine 0.34 31 P Sg 02 50 35.1 +0.2

EZN Ezine 0.34 31 P Sg 02 50 35.1 +0.2

EZN Ezine 0.34 31 P Sg 02 50 35.1 +0.2

SIGR SIGRI 0.37 210 S Sg 02 50 35.7 +0.2

SIGR SIGRI 0.37 210 S Sg 02 50 35.7 +0.2

SIGR SIGRI 0.37 210 S Sg 02 50 35.7 +0.2

SIGR SIGRI 0.37 210 S Sg 02 50 35.7 +0.2

SIGR SIGRI 0.37 210 S Sg 02 50 35.7 +0.2

SIGR SIGRI 0.37 210 S Sg 02 50 35.7 +0.2

SIGR SIGRI 0.37 210 S Sg 02 50 35.7 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like Karabiga-Canak, BALIKESIR_Sava, Gonen-Balikesi, Izmir, Urla-Ze, etc.

DJA 14 02:51:05.8:1.0, 8'S:5°10'7E, h16km, 7km, M5.0/17, mb5.0/12, mb5.5/7, MLv5.0/17, Mw(mb)4.9/7, MwMwp5.4/3, Mwps.6/3

NEIC 14 02:51:08.4:1.5, 7.76S:108.106.59E:0.04, h15km, 7km, mb4.3/11, Error ellipse: s-maj=12.5km s-min=1.8km az=205.0

IDC 14 02:51:19.0:1.1, 0.1:6.90S:107.27E, h15km, 110km, mb4.3/11, mtnp.0.4/7.11, Error ellipse: s-maj=33.8km s-min=20.1km az=52.0

ISC 14 02:51:08.6:0.4, 7.69S:106.106.59E:0.05, h66km, n93, az=170/97, mb4.9/23, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like Cibinong, Sukabumi, Serang, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like Kunigami, Charters Tower, Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like Meulaboh, Lohok Sumawe, Sinabang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ICS, h, m, s, ICS. Includes stations like Iphoh, Jerantut, Bangkinang, etc.

SOMM	Songhri Array	43.24	14	P	P	02 59 18.0 +0.2
SOMM						03 01 08.2
BLDU	Baliddu	43.40	149	P	P	02 59 20.0 +0.9
BLDU	baz=44, SNR=7.2					
ULN	Ulanbaatar	43.40	149	P	P	02 59 20.1 +0.9
ULN	Ulanbaatar	43.43	149	P	P	02 59 18.9 -0.5
ULN	Ulanbaatar	43.43	149dP	P	P	02 59 19.3 -0.1
ULN	comp=Z,57nm,1.0s			pmx	pmx	
ULN	comp=Z,71um,14.0s			MLR	MLR	
ULN	Ulanbaatar	43.43	14	P	P	02 59 19.5 +0.1
DGZ	Jazzator, Alta	43.59	355d/P	P	P	02 59 21.6 +1.0
DGZ	comp=Z,158nm,0.8s			pmx	pmx	
DGZ	comp=Z,8um,20.0s			MLR	MLR	
JSU	Suzuyama	43.68	50	P	P	02 59 21.0 -0.5
JSU	Suzuyama	43.68	50	P	P	02 59 21.2 -0.3
HJU	Haeju	43.90	39	P	P	02 59 24.9 +1.4
HJU				S	S	03 05 52.5 -0.5
HJU	comp=Z,1um,2.0s			AmB		
HJU	comp=Z,6um,12.9s			AMS	AMS	
TJN	Taejon	43.97	42	P	P	02 59 23.5 -0.1
TJN	Taejon	43.97	42	P	P	02 59 23.6 -0.1
TJN	Taejon	43.97	42d/P	P	P	02 59 24.6 +0.9
KDU	Kakadu	44.10	115	P	P	02 59 24.5 -0.5
KDU	baz=44, SNR=22					
KDU	Kakadu	44.10	115	P	P	02 59 23.7 -1.3
INCN	Inchon	44.13	40	P	P	02 59 25.5 +0.5
INCN	Inchon	44.13	40	IAMS_20	IAMS_20	03 20 27.1
INCN	comp=Z,12um,18.0s			P	P	02 59 26.4 +1.4
INCN	Inchon	44.13	40	P	P	02 59 25.5 +0.5
INCN	comp=Z,91nm,1.0s			pmx	pmx	
INCN	comp=Z,12um,18.0s			MLR	MLR	
INCN	Inchon	44.13	40	P	P	02 59 26.5 +1.5
INCN	Inchon	44.13	40	P	P	02 59 26.5 +1.5
MUN	Mundaring	44.25	150	P	P	02 59 27.6 +1.7
MUN	baz=44, SNR=8.5					
MEY	Mundaring	44.25	150	P	P	02 59 27.3 +1.4
GEYT	Alibeck	44.30	321	P	P	02 59 27.0 +0.6
GEYT	comp=Z,58nm,0.9s,baz=148,slow=8.7,SNR=95			S	S	03 05 57.8 -1.2
GEYT	comp=Z,1.8nm,0.7s,baz=184,slow=10,SNR=1.5			LR	LR	
GEYT	comp=Z,10um,21.2s,baz=148,slow=39			LR	LR	03 20 13.8
GEYT	Alibeck	44.30	321	P	P	02 59 27.0 +0.6
JTU	Tsushima	44.37	45	P	P	02 59 27.3 +0.4
JTU	comp=Z,58nm,0.9s			IAMB	IAMB	02 59 30.1
JTU	comp=Z,140nm,1.0s					
JTU	Tsushima	44.37	45	P	P	02 59 28.3 +1.4
JTU	Tsushima	44.37	45	P	P	02 59 28.0 +1.1
SAKB	Bahrain	44.44	301	P	P	02 59 27.9 +0.3
SUJ	Sinuiju	44.46	36	S	S	02 59 28.6 +1.0
SUJ				S	S	03 06 01.0 -0.1
SUJ	comp=Z,374nm,2.0s			AmB		
SUJ	comp=Z,9um,19.5s			AMS	AMS	
SRPI	Seru, Papua	44.59	99	P	P	02 59 29.1 +0.1
KLBR	Kellerberrin	44.72	149	P	P	02 59 30.8 +1.1
KLBR	baz=45, SNR=12					
KLBR	Kellerberrin	44.72	149	P	P	02 59 31.0 +1.3
JNLU	Nakatsue	44.75	48	P	P	02 59 29.6 -0.4
JNLU	comp=Z,75nm,0.9s,baz=286,slow=1.6,SNR=17					
JNLU	comp=Z,75nm,0.9s					
JNU	Nakatsue	44.75	48	P	P	02 59 29.4 -0.7
JNU	comp=Z,17nm,1.0s,baz=222,slow=8.4,SNR=27			IAMB	IAMB	02 59 53.9
JNU	comp=Z,193nm,1.0s					
JNU	Nakatsue	44.75	48	P	P	02 59 30.8 +0.8
JNU	Nakatsue	44.75	48	P	P	02 59 30.5 +0.5
KSAR	Wonju Array Be	44.92	41	P	P	02 59 30.4 -0.9
KSAR	Wonju Array Be	44.92	41	P	P	02 59 30.4 -0.9
KS19	Wonju Array Si	44.94	41	P	P	02 59 30.7 -0.7
KSRS	Korea Array	44.95	41	P	P	02 59 30.6 -0.9
KSRS	comp=Z,17nm,1.0s,baz=222,slow=8.4,SNR=27			ScP		
KSRS	comp=Z,5.4nm,1.1s,baz=234,slow=3.9,SNR=5.0					03 05 05.7 +2.2
KSRS	comp=Z,17nm,1.0s					
KSRS	Korea Array	44.95	41	P	P	02 59 30.6 -0.9
ZAK	Zakamensk	45.03	10	eP	P	02 59 32.8 +0.7
ZAK	comp=Z,84nm,1.2s			pmx	pmx	
SNY	Shenyang	45.10	33	P	P	02 59 33.0 +0.4
SNY	comp=Z,240nm,1.1s			S	S	03 06 12.5 +2.2
SNY	comp=Z,8um,20.0s			pmx	pmx	
SNY	comp=Z,820nm,5.1s			pmx	pmx	
SNY	comp=Z,2um,14.9s			LR	LR	
SNY	comp=Z,10um,14.3s			LR	LR	
SNY	comp=Z,10um,15.7s			LR	LR	
SEM	Sempalatinsk	45.24	349	eP	P	02 59 33.8 -0.2
SEM	comp=Z,4um,19.8s,baz=349			LR	LR	03 19 21.7
SEM	Sempalatinsk	45.24	349	eP	P	02 59 33.7 -0.2
SEM	comp=Z,4um,20.0s			MLR	MLR	
NWAO	Narrogin (SRO)	45.52	150	P	P	02 59 36.5 +0.5
NWAO	comp=Z,54nm,0.9s,baz=301,slow=6.9,SNR=18			LR	LR	03 17 50.1
NWAO	comp=Z,3um,18.2s,baz=336,slow=35					
NWAO	comp=Z,54nm,0.9s					
NWAO	Narrogin (SRO)	45.52	150	P	P	02 59 38.5 +2.4
NWAO	baz=46, SNR=13					
NWAO	Narrogin (SRO)	45.52	150	P	P	02 59 35.9 -0.2
NWAO	Narrogin (SRO)	45.52	150	P	P	02 59 37.7 +1.6
NWAO	Narrogin (SRO)	45.52	150	P	P	02 59 36.8 +0.5
NWAO	Narrogin (SRO)	45.52	150	P	P	02 59 37.3 +1.2
H01W3	Cape Leeuwin H	45.74	155	T	T	03 47 16.6
H01W2	Cape Leeuwin H	45.74	155	T	T	03 47 20.4
H01W2	comp=Z,31,slow=76,SNR=18					
H01W1	Cape Leeuwin H	45.74	155	T	T	03 47 22.1
H01W1	comp=Z,31,slow=76,SNR=18					
KURBB	Kurchatov Arra	45.79	348	P	P	02 59 37.7 -0.3
KURBB	comp=Z,6nm,0.7s,baz=172,slow=7.0,SNR=239			PcP	PcP	
KURBB	comp=Z,17nm,0.8s,baz=142,slow=3.5,SNR=0.9			S	S	03 01 15.1 -0.2
KURBB	comp=Z,1.1nm,0.7s,baz=92,slow=22,SNR=2.0			LR	LR	03 06 16.3 -3.8
KURBB	comp=Z,13um,21.9s,baz=160,slow=41			LR	LR	03 22 14.5
KURBB	comp=Z,36nm,0.7s					
KURK	Kurchatov	45.86	348	P	P	02 59 38.1 -0.4
KURK	comp=Z,12um,22.0s			IAMS_20	IAMS_20	03 22 04.1
KURK	Kurchatov	45.86	348d/P	P	P	02 59 37.8 -0.7
KURK	comp=Z,163nm,1.7s			pmx	pmx	
KURK	comp=Z,14um,24.0s			MLR	MLR	
KURK	Kurchatov	45.86	348	P	P	02 59 38.7 +0.2
KURK	Kurchatov	45.86	348	P	P	02 59 38.7 +0.2
MOY	Mondy	45.93	8	eP	P	02 59 40.8 +1.6
MOY	comp=Z,178nm,1.4s			pmx	pmx	
HUU	Hamhung	46.16	38	P	P	02 59 43.0 +2.0
HUU	comp=Z,640nm,3.6s			S	S	03 06 24.4 -1.2
HUU	comp=Z,564nm,2.1s			AmB		
SBV	Sambava	46.37	245	P	P	02 59 44.8 +1.7
SBV	Sambava	46.37	245	P	P	02 59 43.9 +0.8
SBV	Sambava	46.37	245	eP	P	02 59 43.5 +0.4
BRZS	Berezniaki	46.69	343	eP	P	02 59 44.4 -0.7
BRZS	comp=Z,35nm,1.3s,baz=343					
BRZS	Berezniaki	46.69	343	eP	P	02 59 44.3 -0.7
BRZS	comp=Z,38nm,1.3s			pmx	pmx	
WRKA	Warakurna	46.77	133	P	P	02 59 46.6 +0.4
WRKA	baz=47, SNR=42					
WRKA	Warakurna	46.77	133	P	P	02 59 46.6 +0.4

KMBL	Kambalda	46.81	145	P	P	02 59 46.9 +0.7
KMBL	baz=47, SNR=20					
KMBL	Kambalda	46.81	145	P	P	02 59 47.5 +1.3
IRK	Irkutsk	46.99	10	eP	P	02 59 49.7 +2.3
IRK	comp=Z,209nm,2.1s			eS	pmx	03 06 40.0 +2.7
SMPI	Sarmi	47.04	98	P	P	02 59 48.2 -0.2
SMPI	comp=Z,184nm,1.7s,comp=Z,11um					
JMN	Monobe	47.26	49	P	P	02 59 49.5 -0.4
JMN	Monobe	47.26	49	P	P	02 59 52.3 +2.5
JMN	Monobe	47.26	49	P	P	02 59 52.1 +2.3
JMS	Saijo	47.27	47	P	P	02 59 47.4 -2.4
JHS	Saijo	47.27	47	P	P	02 59 51.0 +1.1
JHS	Saijo	47.27	47	P	P	02 59 47.4 -2.4
CN2	Changchun	47.45	33	P	P	02 59 51.5 +0.4
CN2	comp=Z,600nm,0.6s			sP	S	02 59 57.0 -0.8
CN2	comp=Z,700nm,6.0s			S	pmx	03 06 44.9 +0.9
CN2	comp=Z,7um,20.0s			pmx	pmx	
CN2	comp=Z,6um,20.0s			LR	LR	
CN2	comp=Z,4um,21.0s			LR	LR	
AUALB	St Joseph's Co	47.52	151	P	P	02 59 53.1 +1.4
AUALB	comp=Z,53nm,0.5s,baz=175,slow=7.2,SNR=198			P	P	02 59 57.1 +1.5
ZAAO	Zalesovo Array	48.04	354	P	P	02 59 55.6 +0.2
ZALV	Zalesovo Beam	48.04	354	P	P	02 59 55.1 -0.4
ZALV	comp=Z,27nm,0.7s,baz=179,slow=5.0,SNR=0.6			PcP	P	03 01 23.2 +0.1
ZALV	comp=Z,1.0nm,0.6s,baz=326,slow=23,SNR=1.2			S	S	03 06 48.2 -3.8
ZALV	comp=Z,7um,19.9s,baz=180,slow=42			LR	LR	03 24 26.9
ZALV	comp=Z,1.7nm,0.7s,baz=338,slow=3.4,SNR=4.7			FKPPKP	P'P'df	03 31 04.4 -2.0
ZALV	comp=Z,53nm,0.5s					
ZALV	Zalesovo Beam	48.04	354	P	P	02 59 55.4 0.0
ZALV	Zalesovo Beam	48.04	354	P	P	02 59 55.0 -0.4
ZALV	comp=Z,53nm,0.5s			pmx	pmx	
RAYN	Ar Rayn	48.16	296	P	P	02 59 56.9 -0.1
RAYN	comp=Z,88nm,0.7s			IAMB	IAMB	03 00 11.2
RAYN	Ar Rayn	48.16	296	IAMS_20	IAMS_20	03 19 35.8
RAYN	Ar Rayn	48.16	296	IAMS_20	IAMS_20	03 19 35.8
RAYN	Ar Rayn	48.16	296	P	P	02 59 57.5 +0.5
RAYN	Ar Rayn	48.16	296	P	P	02 59 57.7 +0.7
RAYN	Ar Rayn	48.16	296	P	P	02 59 57.7 +0.7
GENI	Genyem	48.58	99	P	P	02 59 57.7 +0.7
GENI	Genyem	48.58	99	P	P	03 00 01.6 +1.3
GENI	Genyem	48.58	99	P	P	02 59 59.9 -0.4
WB0	Warrunganga Arr	48.77	123	P	P	03 00 01.5 -0.2
WRA	Warrunganga Arr	48.81	123	P	P	03 00 01.9 -0.1
WRA	comp=Z,136nm,0.8s,baz=302,slow=8.9,SNR=231			PP	PP	03 01 48.2 -7.2
WRA	comp=Z,14nm,0.8s,baz=293,slow=8.2,SNR=1.2			LR	LR	03 07 00.6 -3.4
WRA	comp=Z,9.2nm,1.2s,baz=293,slow=16,SNR=1.1			LR	LR	03 24 16.0
WRA	comp=Z,4um,18.2s,baz=296,slow=41					
WRA	comp=Z,0.7nm,0.8s,baz=149,slow=1.6,SNR=2.8			FKPPKP	P'P'df	03 31 06.2 +0.5
WRA	comp=Z,0.8nm,0.7s,baz=312,slow=3.4,SNR=9.1			P4Kpbc		03 37 40.1
WRA	Warrunganga Arr	48.81	123	P	P	03 00 01.8 -0.2
WRA	Warrunganga Arr	48.81	123	P	P	03 00 01.9 -0.1
HIA	Hailar	48.81	24	P	P	03 00 02.3 +0.7
HIA	comp=Z,106nm,0.8s			IAMB	IAMB	03 00 21.2
HIA	Hailar	48.81	24	IAMS_20	IAMS_20	03 21 42.1
HIA	Hailar	48.81	24	P	P	03 00 03.3 +1.7
HIA	Hailar	48.81	24	P	P	03 00 02.3 +0.7
HIA	comp=Z,106nm,0.8s			pmx	pmx	
HIA	comp=Z,106nm,0.8s			MLR	MLR	
WRAB	Tennant Creek	48.81	123	P	P	03 00 01.3 -0.7
WRAB	Tennant Creek	48.81	123	P	P	03 00 02.1 +0.1
WRAB	Tennant Creek	48.81	123d/P	P	P	03 00 01.9 -0.1
WRAB	comp=Z,557nm,1.7s			pmx	pm	

RDOG	Red Dog Mine	89.81	21	P	P	03 04 15.0 +0.4
DBG	Daneborg	90.06	345	i P	I Amb	03 04 15.8 +0.2
DKG	comp-Z, 2.9nm, 1.1s					03 04 33.0
NBKH	Nikolski High	90.44	37	P	P	03 04 18.1 +0.2
MXZ	Matakoa Point	90.55	128	I AMs_20	I AMs_20	03 44 38.1
A21K	Barrow	90.82	17	I AMs_20	I AMs_20	03 50 24.4
A21K	Barrow	90.82	17	P	P	03 04 19.6 +0.4
LKBA	Tubouli Lakemba	90.85	108	P	P	03 04 23.0 +2.6
ESBB	Sonsecra Array	90.91	310	I Amb	I Amb	03 04 35.4
ESDC	Sonsecra Array	90.91	310	i P	P	03 04 21.1 +0.6
ESDC	comp-Z, 8.9nm, 0.8s, baz=58, slow=4.2, SNR=46					03 07 58.5 +2.0
ESDC	comp-Z, 3.8nm, 1.1s, baz=58, slow=3.2, SNR=3.5					
ESDC	Sonsecra Array	90.91	310	I Amb	I Amb	03 04 35.8
PAB	San Pablo	91.23	310	P	P	03 04 21.9 -0.1
PAB	San Pablo	91.23	310	P	P	03 04 37.4
PAB	San Pablo	91.23	310	p	pmax	03 04 21.9 -0.1
PAB	San Pablo	91.23	310	pmax	pmax	
VNDA	Vanda	91.63	168	P	P	03 04 23.9 +1.1
VNDA	comp-Z, 8.1nm, 1.1s, baz=302, slow=32					03 40 54.6
VNDA	Vanda	91.63	168	P	P	03 04 23.9 +1.1
UNV	Unalaska Valle	91.64	36	P	P	03 04 23.7 +0.4
SCO	Scorebysund	92.11	342	I AMs_20	I AMs_20	03 47 25.0
MDT	Midelt	92.48	303	P	P	03 04 29.2 +1.3
MDT	comp-Z, 7.7nm, 0.8s, baz=93, slow=7.0, SNR=7.0					03 08 19.3 +1.0
NVL	N'azarevskaya	92.63	199	eP	SKSac	03 04 29.1 +1.5
NVL	comp-Z, 7.7nm, 0.8s					03 15 00.9 +1.8
NVL	comp-Z, 7.1nm, 0.9s					
RAO	Raoul Island	92.78	119	LR	LR	03 48 18.8
MVO	Monorco	92.97	312	eP	P	03 04 31.0 +1.0
GCSA	Galena City Sc	93.17	24	P	P	03 04 31.0 +0.7
F21K	Alatna River	93.48	21	P	P	03 04 31.6 -0.1
MTE	Manteigas	93.50	311	eP	P	03 04 34.9 +2.5
PBAR	Barrancos	93.53	309	eP	P	03 04 33.5 +1.0
D23K	Nanushuk River	93.66	19	P	P	03 04 33.3 +0.8
S12K	Black Hills	93.67	33	P	P	03 04 32.9 +0.2
G21K	Allakaket	93.77	21	P	P	03 04 32.8 -0.2
F22K	John River	93.81	20	P	P	03 04 33.4 +0.2
N16K	Nishik Lake	93.86	28	P	P	03 04 34.3 +0.8
C24K	Franklin Bluff	93.91	18	P	P	03 04 33.3 -0.2
NEEM	North Greenlan	94.05	352	i P	I Amb	03 04 34.0 -0.4
NEEM	comp-Z, 90nm, 0.7s					03 04 47.7
TTA	Tatalina	94.21	25	I Amb	I Amb	03 04 49.8
TTA	Tatalina	94.21	25	P	P	03 04 37.2 +2.0
TTA	Tatalina	94.21	25	P	P	03 04 35.7 +0.5
BORG	Borgarnes	94.28	37	LR	LR	03 48 34.0
G22K	Bettles	94.31	21	P	P	03 04 35.7 +0.3
H21K	Melozitna River	94.39	22	I Amb	I Amb	03 05 09.3
H21K	comp-Z, 30nm, 0.9s					03 50 38.8
H21K	Melozitna River	94.39	22	P	P	03 04 36.5 +0.6
E23K	Chandalar	94.43	19	P	P	03 04 36.2 +0.1
O16K	Kokwok River B	94.47	29	P	P	03 04 36.1 -0.2
COLD	Coldfoot	94.62	20	P	P	03 04 37.2 +0.3
SDPT	Sand Point	94.63	33	P	P	03 04 37.0 -0.2
P16K	Nushagak River	94.72	29	P	P	03 04 37.3 -0.1
E24K	Your Creek	94.79	19	P	P	03 04 37.9 +0.1
H22K	Ishlaltitna Cre	94.82	22	P	P	03 04 37.9 0.0
D25K	Kavik River	94.82	18	P	P	03 04 38.3 +0.5
K20K	Telida	94.85	24	I Amb	I Amb	03 05 03.4
K20K	comp-Z, 45nm, 0.8s					03 54 08.2
K20K	Telida	94.85	24	P	P	03 04 39.2 +1.1
O17K	Koliganek Bris	94.89	28	P	P	03 04 38.7 +0.5
I21K	Tanana	94.91	22	I AMs_20	I AMs_20	03 50 42.5
I21K	Tanana	94.91	22	P	P	03 04 38.2 0.0
G23K	Bananza Creek	94.93	21	P	P	03 04 38.7 +0.4
C26K	Camden Bay	94.94	17	P	P	03 04 39.3 +1.1
L19K	White Mountain	94.99	26	I Amb	I Amb	03 04 54.6
L19K	comp-Z, 44nm, 1.1s					03 54 57.2
L19K	White Mountain	94.99	26	P	P	03 04 39.4 +0.6
F24K	Squaw Lake	95.27	20	P	P	03 04 40.6 +0.7
L20K	Farewell, AK	95.29	25	P	P	03 04 40.4 +0.3
M19K	Big River Lodg	95.30	26	I Amb	I Amb	03 04 55.8
M19K	comp-Z, 34nm, 1.2s					03 53 27.1
M19K	Big River Lodg	95.30	26	P	P	03 04 41.1 +1.0
CHUM	Lake Minchumin	95.34	24	P	P	03 04 40.4 +0.2
SUMG	Summit	95.39	347	i P	I Amb	03 04 41.7 +0.9
SUMG	comp-Z, 143nm, 1.5s					03 04 55.7
P17K	Kvichak River	95.41	29	P	P	03 04 40.8 +0.2
R16K	Pilot Point	95.43	31	P	P	03 04 41.1 +0.4
C27K	Jago River	95.44	17	P	P	03 04 41.3 +0.7
MLY	Manley	95.45	22	I AMs_20	I AMs_20	03 51 20.7
MLY	Manley	95.45	22	P	P	03 04 41.5 +0.7
Q16K	King Salmon	95.49	29	P	P	03 04 41.2 +0.2
H23K	Yukon River	95.52	21	I Amb	I Amb	03 04 55.4
H23K	Yukon River	95.52	21	P	P	03 04 40.7 -0.3
CAST	Castle Rocks	95.64	24	I Amb	I Amb	03 05 09.6
CAST	comp-Z, 35nm, 0.9s					03 54 40.9
CAST	Castle Rocks	95.64	24	P	P	03 04 42.9 +1.2
N18K	Bonanza Creek	95.70	27	I AMs_20	I AMs_20	03 48 30.6
N19K	Bonanza Creek	95.70	27	P	P	03 04 42.9 +0.8

E25K	Arctic Village	95.71	19	P	P	03 04 41.6 -0.3
TROLL	Troll, Antarti	95.74	198	P	P	03 04 44.2 +2.2
O18K	Koktuh Hills	95.74	28	I AMs_20	I AMs_20	03 54 22.8
O18K	Koktuh Hills	95.74	28	P	P	03 04 41.4 -0.8
BPBW	Bear Paw Mtn.	95.77	23	I Amb	I Amb	03 05 13.8
BPBW	comp-Z, 39nm, 1.0s					03 52 35.5
BPBW	Bear Paw Mtn.	95.77	23	P	P	03 04 42.4 +0.2
G24K	Haezeenic Riv	95.82	20	P	P	03 04 42.9 +0.5
PPLA	Purkeypile	95.82	25	P	P	03 04 43.2 +0.6
M20K	Styx River	95.86	26	I Amb	I Amb	03 05 01.4
M20K	comp-Z, 22nm, 0.8s					03 50 02.7
M20K	Styx River	95.86	26	P	P	03 04 43.4 +0.6
I23K	Minto, Yukon-K	95.91	22	I AMs_20	I AMs_20	03 51 04.9
I23K	Minto, Yukon-K	95.91	22	P	P	03 04 43.4 +0.6
P18K	Big Mountain	95.91	28	P	P	03 04 42.8 -0.1
F25K	Christian River	95.97	19	P	P	03 04 43.6 +0.5
R17K	Ugashik Creek	96.00	30	P	P	03 04 43.4 +0.2
O19K	Port Alsworth	96.02	27	P	P	03 04 43.6 +0.1
Q17K	Contact Creek	96.02	30	P	P	03 04 43.5 -0.1
KTH	Kantishna Hill	96.05	24	I AMs_20	I AMs_20	03 52 41.7
QSPA	South Pole Qui	96.07	180	LR	LR	03 44 54.5
QSPA	comp-Z, 18.3s, baz=308, slow=34					
QSPA	South Pole Qui	96.07	180	I AMs_20	I AMs_20	03 46 06.7
H24K	Noodor Dome	96.11	21	I AMs_20	I AMs_20	03 54 05.3
H24K	Noodor Dome	96.11	21	P	P	03 04 44.3 +0.5
G25K	Beamran Lake	96.25	20	P	P	03 04 45.0 +0.7
KIC	Kosar Boka	96.28	277	i PKP2	P	03 04 47.2 +1.6
NEA2	Nenana	96.28	22	I AMs_20	I AMs_20	03 54 52.9
NEA2	Nenana	96.28	22	P	P	03 04 44.4 -0.1
Q18K	Katmai Hardscr	96.30	29	P	P	03 04 44.7 -0.2
BWN	Browne	96.33	23	I Amb	I Amb	03 05 14.9
TRF	Thorofore Moun	96.35	24	I AMs_20	I AMs_20	03 53 10.6
TRF	Thorofore Moun	96.35	24	P	P	03 04 44.9 -0.2
DBIC	Dimbokro	96.36	277	P	P	03 04 46.8 +0.9
DBIC	comp-Z, 9.3nm, 0.9s, baz=89, slow=4.6, SNR=13					03 21 30.3 -0.7
DBIC	Dimbokro	96.36	277	LR	LR	03 47 43.6
DBIC	comp-Z, 2.2nm, 0.8s, baz=239, slow=3.1, SNR=5.8					
DBIC	Dimbokro	96.36	277	I Amb	I Amb	03 05 00.2
DBIC	Dimbokro	96.36	277	P	P	03 04 46.8 +0.9
DBIC	Dimbokro	96.36	277	eP	P	03 04 45.1 -0.8
F26K	Sheenjek River	96.39	19	P	P	03 04 45.4 +0.4
MDM	Murphy Dome	96.42	22	I AMs_20	I AMs_20	03 51 19.4
SKT	Skwentna	96.50	25	I Amb	I Amb	03 05 07.1
SKT	comp-Z, 39nm, 1.2s					03 52 35.7
SKT	Skwentna	96.50	25	P	P	03 04 45.9 +0.3
TIC	Toumoudi	96.52	277	i PKP2	P	03 04 48.0 +1.3
LIC	Lamto	96.58	277	i PKP2	P	03 04 48.5 +1.6
COLA	College	96.60	22	P	P	03 04 48.4 +2.5
POKR	Poker Plat Res	96.63	22	I AMs_20	I AMs_20	03 51 40.1
POKR	Poker Plat Res	96.63	22	P	P	03 04 46.6 +0.5
TULEG	Thule	96.71	356	I Amb	I Amb	03 05 00.9
TULEG	Thule	96.71	356	i P	P	03 04 45.6 -0.7
TULEG	Thule	96.71	356	I Amb	I Amb	03 05 00.5
WHRG	Wood River Hill	96.71	22	I AMs_20	I AMs_20	03 55 06.2
P19K	Oil Pt	96.74	28	I AMs_20	I AMs_20	03 52 24.2
P19K	Oil Pt	96.74	28	P	P	03 04 47.1 +0.4
MCK	McKinley	96.75	23	I Amb	I Amb	03 05 14.7
MCK	McKinley	96.75	23	P	P	03 04 46.9 +0.2
CUT	Chulitna	96.84	25	I AMs_20	I AMs_20	03 55 21.7
Q19K	Cape Douglas,	96.84	28	I AMs_20	I AMs_20	03 53 36.0
E27K	Coleen River	96.90	18	P	P	03 04 48.1 +0.8
G26K	Porcupine Rive	96.92	19	P	P	03 04 48.4 +1.0
ILAR	Eielson Array	97.01	22	P	P	03 04 46.9 -0.9
ILAR	comp-Z, 1.1nm, 0.7s, baz=297, slow=4.5, SNR=21					03 08 41.1 -2.1
ILAR	Eielson Array	97.01	22	P	P	03 04 46.9 -0.9
ILAR	comp-Z, 7.2nm, 1.0s, baz=306, slow=8.2, SNR=5.6					03 21 29.4 -1.5
ILAR	Eielson Array	97.01	22	LR	LR	03 53 54.5
ILAR	comp-Z, 1.8nm, 0.6s, baz=140, slow=2.0, SNR=24					
ILAR	Eielson Array	97.01	22	P	P	03 04 46.9 -0.9
SUA	Susitna One	97.06	26	I AMs_20	I AMs_20	03 56 22.7
PRP	Porcupine Dome	97.11	21	I Amb	I Amb	03 05 08.4
PRP	comp-Z, 27nm, 1.0s					03 54 26.7
PRP	Porcupine Dome	97.11	21	P	P	03 04 49.1 +0.6
HDA	Harding Lake	97.17	27	P	P	03 04 48.7 +0.1
AFI	Afiamalua	97.19	103	LR	LR	03 51 28.3
CAPN	Captain Cook N	97.20	26	P	P	03 04 49.2 +0.4
KULLO	Kullorsuaq	97.27	352	i P	I Amb	03 04 48.8 0.0
KULLO	comp-Z, 74nm, 0.9s					03 05 02.2
SNA4	Sanae	97.42	199	P	P	03 04 50.9 +1.3
SNA4	Sanae	97.42	199	P	P	03 04 50.4 +0.7
SNA4	Sanae	97.42	199	I Amb	I Amb	03 04 53.1
SNA4	comp-Z, 24nm, 1.2s					
SNA4	Sanae	97.42	199	eP	pmax	03 04 50.5 +0.9
SNA4	Sanae	97.42	199	pmax	pmax	
SNA4	Sanae	97.42	199	MLR	MLR	
HOM	Home	97.47	27	P	P	03 04 50.6 +0.6
RC01	Rabbit Creek A	97.67	26	I AMs_20	I AMs_20	03 56 50.7
RC01	Rabbit Creek A	97.67	26	P	P	03 04 51.2 +0.2
PMR	Palmer	97.69	25	P	P	03 04 52.5 +1.5
PMR	Palmer	97.69	25	P	P	03 04 51.8 +0.9
G27K	Dot Strip	97.69	19	P	P	03 04 51.4 +0.4
OHAK	Old Harbor	97.71	30	P	P	03 04 51.7 +0.6
BRLL	Bradley Lake	97.77	27	I AMs_20	I AMs_20	03 55 32.2

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

IDC 14 03:03:33.4, 1.8, 36.14N, 28.33E, h62km, 24km, mb3.8/6, mbtmp4.0/12, ML4.0/6, Error ellipse: s-maj=21.5km

DDA 14 03:03:33.4, 0.0, 36.25N, 28.34E, h58km, 2km, MW3.8, ISK 14 03:03:33.1, 36.12N, 28.27E, h30km, ML3.8/9

ATH 14 03:03:34.4, 36.24N, 28.29E, h57km, 2km, ML3.8/1, Error ellipse: s-maj=3.1km s-min=1.4km az=3.0

NIC 14 03:03:34.9, 36.21N, 28.29E, h54km, 1km, ML3.6/9, Error ellipse: s-maj=1.2km s-min=0.5km az=93.0

THE 14 03:03:34.3, 0.0, 35.93N, 28.39E, h30km, 1km, ML3.6/7, ISK 14 03:03:34.0, 0.6, 36.05N, 28.53E, h60km, Mm3.6/7

GUC 14 03:03:33.0, 0.7, 36.13N, 03:28.35E, 0.02, h58km, 6km, n137, s193/190, mb3.9/6, 1C-2D, Dodecanese Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARG, TUR, DAL, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMG, ZKR, ZKR, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRUC, VRAC, VRAC, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Miracle, Sort, Mousis, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Bois d'Agland, Signal de Mont, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Rom, Tip, Celico, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like JMA, Off Miyagi Pref, etc.

Text block containing station coordinates and parameters: BUJ 14 03:56:47.2, 0.42, 66N:142:47E, h86km, mb4.7/56, SKHL 14 03:56:48.0, 0.3, 42:70N:142:70E, h105km, 6km, mb5.8/6, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Hokkaido region, JBT2, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Onbets, Ashorobuto, etc.

14d 3h

Table with columns: Station, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like YSS, Yuzh-Sakhalins, JOFO, KUR, JMM, etc.

2017 MAR

Table with columns: Station, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like SKR, Severo-Kuril's, KSR, Korea Array, etc.

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Table with columns: Station, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like NIKH, Nikolski High, UNV, Unalaska Valle, etc.

CAST	Castle Rocks	42.01	38	P	P	04 04 30.8 +0.7
CAST	Castle Rocks			Iamb	Iamb	04 04 32.0
CAST	Castle Rocks	42.01	38	P	P	04 04 31.0 +0.8
SPCR	Spurr Chakacha	42.09	41	P	P	04 04 31.8 +0.8
MK31	Makanchi Array	42.10	297	P	P	04 04 30.8 -0.3
MK31	Makanchi Array			Iamb	Iamb	04 04 32.0
MK31	Makanchi Array	42.10	297	P	P	04 04 31.3 +0.1
MKAR	Makanchi Array	42.10	297	P	P	04 04 31.1 -0.1
MKAR	Makanchi Array			PcP	PcP	04 06 24.3 +0.3
MKAR	Makanchi Array			ScP	ScP	04 10 05.4 -0.2
MKAR	Makanchi Array			P	P	04 04 31.0 -0.2
SPU	Mount Spurr	42.17	41	P	P	04 04 32.5 +0.9
H22K	Ishlaltina Cre	42.25	34	P	P	04 04 33.0 +0.9
Q20K	Shuyak Island	42.28	45	P	P	04 04 32.3 -0.2
KDAK	Kodiak Island	42.30	46	P	P	04 04 32.3 -0.2
KDAK	Kodiak Island			P	P	04 04 32.3 -0.2
MAK2	Makanchi	42.30	297	P	P	04 04 33.0 +0.2
MAK2	Makanchi			Iamb	Iamb	04 04 33.7
MAK2	Makanchi	42.30	297	P	P	04 04 33.0 +0.2
MAK2	Makanchi			Pmax	Pmax	
SKT	Skwentna	42.35	40	P	P	04 04 33.4 +0.4
BPBW	Bear Paw Mtn.	42.47	37	P	P	04 04 34.5 +0.7
BPBW	Bear Paw Mtn.			Iamb	Iamb	04 04 35.9
BPBW	Bear Paw Mtn.	42.47	37	P	P	04 04 34.5 +0.7
KTH	Kantishna Hill	42.52	37	P	P	04 04 34.3 -0.1
MLY	Manley	42.53	35	P	P	04 04 35.2 +0.7
MLY	Manley			Iamb	Iamb	04 04 36.5
MLY	Manley	42.53	35	P	P	04 04 34.9 +0.5
D23K	Nanusuk River	42.57	29	P	P	04 04 34.8 +0.2
DLV	T Lat	42.67	234	P	P	04 04 38.7 +2.5
COLD	Coldfoot	42.72	32	P	P	04 04 36.2 +0.4
COLD	Coldfoot			Iamb	Iamb	04 04 37.1
COLD	Coldfoot	42.72	32	P	P	04 04 35.8 -0.1
SUA	Susitna One	42.77	40	P	P	04 04 36.4 -0.1
G23K	Bananza Creek	42.79	33	P	P	04 04 36.5 0.0
TRF	Thorofore Moun	42.81	38	P	P	04 04 38.0 +1.2
TRF	Thorofore Moun			Iamb	Iamb	04 04 39.1
TRF	Thorofore Moun	42.81	38	P	P	04 04 37.1 +0.8
BRLL	Bradley Lake	42.90	43	P	P	04 04 37.9 +0.5
CUT	Chulitna	42.91	39	P	P	04 04 38.1 +0.7
CUT	Chulitna	42.91	39	P	P	04 04 37.6 +0.2
E23K	Chandler	42.94	31	P	P	04 04 37.9 +0.2
BRSE	Bradley Lake S	42.98	43	P	P	04 04 38.1 +0.1
H23K	Yukon River	43.01	34	P	P	04 04 39.2 +1.0
H23K	Yukon River			Iamb	Iamb	04 04 40.4
H23K	Yukon River	43.01	34	P	P	04 04 39.1 +0.8
I23K	Minto, Yukon-K	43.11	35	P	P	04 04 39.9 +0.9
I23K	Minto, Yukon-K			Iamb	Iamb	04 04 41.1
I23K	Minto, Yukon-K	43.11	35	P	P	04 04 39.7 +0.7
BWN	Browne	43.13	36	P	P	04 04 40.7 +1.5
PHRA	Phrae	43.18	249	P	P	04 04 40.5 +0.3
NEA2	Nenana	43.27	36	P	P	04 04 41.1 +0.9
NEA2	Nenana	43.27	36	P	P	04 04 40.7 +0.4
C24K	Franklin Bluff	43.30	28	P	P	04 04 40.1 -0.4
RC01	Rabbit Creek A	43.30	41	P	P	04 04 41.1 +0.5
RC01	Rabbit Creek A	43.30	41	P	P	04 04 40.8 +0.2
KURK	Kurchatov	43.33	304	P	P	04 04 41.0 +0.1
KURK	Kurchatov			Iamb	Iamb	04 05 05.6
KURK	Kurchatov	43.33	304	P	P	04 04 40.6 -0.3
KURK	Kurchatov			Pmax	Pmax	
KURK	Kurchatov	43.33	304	eP	eP	04 04 40.6 -0.3
E24K	Your Creek	43.37	31	P	P	04 04 41.2 +0.1
O22K	Cooper Landing	43.38	42	P	P	04 04 40.7 -0.5
O22K	Cooper Landing	43.38	42	P	P	04 04 41.0 -0.2
MCK	McKinley	43.40	37	P	P	04 04 41.8 +0.4
MCK	McKinley			Iamb	Iamb	04 04 42.9
MCK	McKinley	43.40	37	P	P	04 04 41.8 +0.4
MCK	McKinley			Pmax	Pmax	
MCK	McKinley	43.40	37	P	P	04 04 41.5 +0.1
MCK	McKinley			P	P	04 04 41.5 +0.1
KURBB	Kurchatov Arra	43.41	303	P	P	04 04 41.6 0.0
KURBB	Kurchatov Arra			Iamb	Iamb	04 05 05.6
KKM	Kota Kinabalu	43.42	220	P	P	04 04 41.2 -1.0
RND	Reindeer	43.46	38	P	P	04 04 41.5 -0.4
RND	Reindeer			Iamb	Iamb	04 04 43.1
RND	Reindeer	43.46	38	P	P	04 04 41.5 -0.4
RND	Reindeer			Pmax	Pmax	
PMR	Palmer	43.53	40	P	P	04 04 42.0 -0.3
PMR	Palmer			Iamb	Iamb	04 04 44.0
PMR	Palmer	43.53	40	P	P	04 04 43.3 +0.9
PMR	Palmer			P	P	04 04 42.1 -0.3
PMR	Palmer			Pmax	Pmax	
PMR	Palmer	43.53	40	P	P	04 04 42.4 0.0
SEW	Seward	43.57	42	P	P	04 04 42.5 -0.2
SEW	Seward			Iamb	Iamb	04 04 43.9
SEW	Seward	43.57	42	P	P	04 04 42.6 -0.2
MDM	Murphy Dove	43.60	35	P	P	04 04 43.9 +0.9
MDM	Murphy Dove			Iamb	Iamb	04 04 44.9
GHO	Glory Hole Cre	43.60	40	P	P	04 04 43.7 +0.5
F24K	Squaw Lake	43.61	31	P	P	04 04 43.0 -0.1
H24K	Noodor Dove	43.69	34	P	P	04 04 44.9 +1.2
H24K	Noodor Dove			Iamb	Iamb	04 04 46.0
H24K	Noodor Dove	43.69	34	P	P	04 04 44.4 +0.7
WRH	Wood River Hill	43.70	36	P	P	04 04 44.7 +0.9
WRH	Wood River Hill			Iamb	Iamb	04 04 48.9
TCOL	CIGO, UAF Yank	43.77	35	P	P	04 04 44.7 +0.4
TCOL	CIGO, UAF Yank	43.77	35	P	P	04 04 44.5 +0.2
COLA	College	43.77	35	P	P	04 04 44.8 +0.6
COLA	College	43.77	35	P	P	04 04 45.4 +1.1
COLA	College	43.77	35	P	P	04 04 45.2 +0.9
COLA	College			Pmax	Pmax	
COLA	College	43.77	35	P	P	04 04 44.6 +0.3
G24K	Hadweeznic Riv	43.80	33	P	P	04 04 45.2 +0.7
CCB	Clear Creek Bu	43.81	36	Iamb	Iamb	04 04 49.4
CHTO	Chiang Mai	43.86	251	P	P	04 04 45.1 -0.5
CHTO	Chiang Mai	43.86	251	P	P	04 04 45.1 -0.5

KNK	Knik Glacier	43.87	40	Iamb	Iamb	04 04 46.3
KNK	Knik Glacier			P	P	04 04 45.6 +0.4
SML	Sawmill	43.88	40	P	P	04 04 45.9 +0.6
POKR	Poker Plat Res	43.93	35	P	P	04 04 46.6 +1.0
PWL	Port Wells	44.01	41	Iamb	Iamb	04 04 48.3
PWL	Port Wells	44.01	41	P	P	04 04 47.3 +1.0
CMAR	Chiang Mai Arr	44.10	250	P	P	04 04 47.7 +0.2
CMAR	Chiang Mai Arr			ScP	ScP	04 10 15.1 +1.1
CMAR	Chiang Mai Arr			P	P	04 04 48.5 +1.0
CMAR	Chiang Mai Arr			Pmax	Pmax	
D25K	Kavik River	44.12	29	P	P	04 04 46.5 -0.6
M23K	Glacier View	44.16	40	P	P	04 04 47.8 +0.3
IL31	Ilak	44.19	35	Iamb	Iamb	04 04 48.9
ILAR	Eielson Array	44.19	35	P	P	04 04 47.5 -0.1
ILAR	Eielson Array			P	P	04 04 47.5 -0.1
HDA	Harding Lake	44.20	36	Iamb	Iamb	04 04 48.7
HDA	Harding Lake	44.20	36	P	P	04 04 47.4 -0.4
G25K	Beam Lake	44.34	33	P	P	04 04 49.5 +0.7
SCM	Sheep Creek Mo	44.35	40	P	P	04 04 49.7 +0.7
E25K	Arctic Village	44.46	31	P	P	04 04 50.2 +0.4
F25K	Christian Riv	44.46	31	P	P	04 04 50.6 +0.7
P23K	Montage Islan	44.60	42	P	P	04 04 51.4 +0.4
C26K	Camden Bay	44.61	28	P	P	04 04 51.1 +0.1
PRP	Porcupine Dome	44.69	34	P	P	04 04 52.3 +0.5
FYU	Fort Yukon	44.70	33	P	P	04 04 52.8 +1.1
FYU	Fort Yukon			Iamb	Iamb	04 04 54.0
SMPI	Sarmi	44.72	186	P	P	04 04 53.0 +0.6
M24K	Donnelly Dome	44.78	37	P	P	04 04 52.4 -0.1
M24K	Donnelly Dome			P	P	04 04 54.1 +1.1
F26K	Sheenjek River	45.03	31	P	P	04 04 55.1 +0.8
PAX	Paxson	45.04	38	P	P	04 04 54.8 +0.2
PAX	Paxson	45.04	38	P	P	04 04 54.8 +0.2
PAX	Paxson			Pmax	Pmax	
PAX	Paxson			P	P	04 04 56.4 +1.9
C27K	Jago River	45.04	28	P	P	04 04 54.6 +0.2
KLU	Klutina	45.06	40	P	P	04 04 55.7 +0.9
KLU	Klutina	45.06	40	P	P	04 04 55.4 +0.6
RIDG	Independent Ri	45.20	37	Iamb	Iamb	04 04 58.5
RIDG	Independent Ri			P	P	04 04 55.7 -0.1
G26K	Porcupine River	45.24	32	P	P	04 04 56.9 +0.9
HARP	HAARP	45.27	39	P	P	04 04 57.6 +1.3
EYAK	Cordova Ski Ar	45.31	41	P	P	04 04 57.3 +0.7
EYAK	Cordova Ski Ar	45.31	41	P	P	04 04 57.3 +0.7
GTOI	Gorontalo	45.52	208	P	P	04 04 58.0 -0.7
SCRK	Sand Creek	45.54	36	Iamb	Iamb	04 04 59.6 +0.1
SCRK	Sand Creek			P	P	04 04 58.6 +0.1
DOT	Dot Lake	45.56	37	P	P	04 04 57.8 -0.8
DOT	Dot Lake			Iamb	Iamb	04 05 02.8
J26L	Joseph Creek	45.64	36	P	P	04 04 58.8 -0.5
N25K	Chitina, Valde	45.67	40	Iamb	Iamb	04 05 16.5
N25K	Chitina, Valde	45.67	40	P	P	04 05 00.0 +0.5
I26K	Coal Creek Min	45.70	34	Iamb	Iamb	04 05 00.9
I26K	Coal Creek Min	45.70	34	P	P	04 04 59.0 -0.6
MENT	Mentasta	45.83	38	P	P	04 05 01.8 +1.0
MENT	Mentasta			Iamb	Iamb	04 05 08.4
MENT	Mentasta			P	P	04 05 02.8 +2.1
E27K	Coleen River	45.93	30	P	P	04 05 01.6 +0.1
L26K	Log Cabin Wild	45.98	38	P	P	04 05 03.1 +1.2
L26K	Log Cabin Wild	45.98	38	P	P	04 05 02.9 +1.0
MRSI	Marisa	46.04	209	P	P	04 05 03.5 +0.7
GLB	Gilghina Butte	46.07	40	P	P	04 05 03.3 +0.6
GLB	Gilghina Butte			Iamb	Iamb	04 05 08.3
G27K	Doyon Strip	46.09	32	P	P	04 05 03.8 +1.1
H27K	Steamboat Moun	46.23	33	P	P	04 05 05.1 +1.3
M26K	Nabesna, AK	46.26	38	P	P	04 05 05.7 +1.6
I27K	Kandik River	46.29	34	P	P	04 05 05.3 +1.0
K27K	Chicken	46.36	36	P	P	04 05 05.5 +0.7
MCARA	McCarthy VSAT	46.45	40	P	P	04 05 06.7 +1.2
MCARA	McCarthy VSAT	46.45	40	P	P	04 05 07.0 +1.4
FAKI	Fak Fak	46.46	194	P	P	04 05 06.0 -0.1
EGAK	Eagle	46.62	35	Iamb	Iamb	04 05 08.2
EGAK	Eagle	46.62	35	P	P	04 05 06.9 +0.1
L27K	Beaver Creek,	46.66	37	P	P	04 05 08.5 +1.3
M27K	Edge Creek, AK	46.78	38	P	P	04 05 09.8 +1.5
BARN	Barnard Glacie	47.17	40	P	P	04 05 12.4 +1.1
BCVY	Beaver Creek	47.23	38	P	P	04 05 12.6 +0.9
CTG	Chitna Glacier	47.34	40	P	P	04 05 13.3 +0.6
DAWY	Dawson	47.51	36	P	P	04 05 14.1 +0.3
LOGN	Logan Glacier	47.53	40	P	P	04 05 15.3 +1.1
LOGN	Logan Glacier			Iamb	Iamb	04 05 22.0
BVAR	Borovoye Array	47.55	309	P	P	04 05 14.6 +0.3
BVAR	Borovoye Array			PcP	PcP	04 06 43.1 +0.4
YUK3	Moose Creek	47.56	39	P	P	04 05 15.1 +0.7
BRVK	Borovoye	47.60	309	P	P	04 05 14.9 +0.3
BRVK	Borovoye			Iamb	Iamb	04 05 39.1
BRVK	Borovoye	47.60	309	eP	eP	04 05 14.5 -0.1
BRVK	Borovoye			Pmax	Pmax	
BRVK						

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KIRV Kirov, BKNI Bangkok, MTN Mantong, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NSS Namnos, AKT Akhty, SCO Scoresbysund, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NVAR Mina Array Bea, DY2G Dye2, KLNK Kaliningrad, etc.

14d 4h

ENH	Enshi	35.76 359	P	P	04 42 43.0 +0.4
ENH	Enshi	35.76 359	P	P	04 42 42.6 0.0
ENH	Enshi	35.76 359	P	P	04 42 43.1 +0.4
LCKR	Leish Creek	36.14 136	P	P	04 42 46.2 +0.5
BBOO	Buckleboob	36.24 141	P	P	04 42 46.7 +0.2
BBOO	Buckleboob	36.24 141	P	P	04 42 46.6 +0.1
BBOO	Buckleboob	36.24 141	P	P	04 44 57.2 +0.5
BBOO	Buckleboob	36.24 141	P	P	04 42 46.7 +0.2
WHIN	Wuhan	36.26 61	P	P	04 42 48.3 +1.7
WHIN	Wuhan	36.26 61	P	P	04 42 48.3 +1.7
INKA	Innaminka	36.45 130	P	P	04 42 49.4 +1.1
CD2	Chengdu	36.90 351	P	P	04 42 52.8 +0.9
CD2	Chengdu	36.90 351	P	P	04 42 52.8 +0.9
PMG	Port Moresby	36.92 98	P	P	04 42 53.0 +0.7
PMG	Port Moresby	36.92 98	P	P	04 42 53.0 +0.7
PCHI	Peechi	37.27 296	eP	P	04 42 55.8 +0.6
WHYH	Whyalla	37.34 140	P	P	04 42 56.3 +0.8
KAAM	Kaadhehdho	37.54 278	P	P	04 42 58.6 +1.2
KAAM	Kaadhehdho	37.54 278	P	P	04 42 59.0 +1.5
CTA	Charters Tower	37.93 116	P	P	04 43 01.1 +0.6
CTA	Charters Tower	37.93 116	P	P	04 44 35.6 +0.2
CTA	Charters Tower	37.93 116	P	P	04 45 02.4 +0.2
CTA	Charters Tower	37.93 116	P	P	04 45 02.4 +0.2
CTA	Charters Tower	37.93 116	P	P	04 43 01.2 +0.6
CTA	Charters Tower	37.93 116	P	P	04 44 37.6 +2.2
NJ2	Nanjing	38.45 121	P	P	04 43 05.6 +1.1
NJ2	Nanjing	38.45 121	P	P	04 44 43.1 +3.3
NJ2	Nanjing	38.45 121	P	P	04 45 04.4 +0.9
NJ2	Nanjing	38.45 121	P	P	04 47 59.9 +0.2
NJ2	Nanjing	38.45 121	P	P	04 48 20.9 +0.1
NJ2	Nanjing	38.45 121	P	P	04 48 20.9 +0.1
HTT	Hallett	38.46 140	P	P	04 43 05.4 +0.8
HTT	Hallett	38.46 140	P	P	04 43 05.5 +0.8
HYB	Hyderabad	38.70 307	eP	P	04 43 07.2 +0.3
HYB	Hyderabad	38.70 307	eP	P	04 43 07.5
HYB	Hyderabad	38.70 307	eP	P	04 48 24.3
STKA	Stevens Creek	39.32 135	P	P	04 43 12.3 +0.7
STKA	Stevens Creek	39.32 135	P	P	04 43 12.3 +0.7
STKA	Stevens Creek	39.32 135	P	P	04 44 47.7 +1.1
STKA	Stevens Creek	39.32 135	P	P	04 45 06.3 -0.1
STKA	Stevens Creek	39.32 135	P	P	04 48 02.4 -0.8
STKA	Stevens Creek	39.32 135	P	P	04 48 33.1 -0.6
STKA	Stevens Creek	39.32 135	P	P	04 43 12.4 +0.7
STKA	Stevens Creek	39.32 135	P	P	04 43 12.3 +0.7
STKA	Stevens Creek	39.32 135	P	P	04 43 12.1 +0.5
TAPN	Taplejung	39.34 328	eP	P	04 43 13.4 +1.3
MNCI	Milnicoy	39.45 290	P	P	04 43 13.8 +0.9
MNCI	Milnicoy	39.45 290	P	P	04 43 17.3
XAN	Xi'an	39.53 358	iP	P	04 43 13.5 +0.2
XAN	Xi'an	39.53 358	iP	P	04 44 48.6 -0.6
XAN	Xi'an	39.53 358	iP	P	04 48 38.8 +2.1
XAN	Xi'an	39.53 358	iP	P	04 43 13.5 +0.2
LSA	Lhasa	39.61 334	P	P	04 43 16.3 +1.8
LSA	Lhasa	39.61 334	P	P	04 43 16.3 +1.8
LSA	Lhasa	39.61 334	P	P	04 43 16.0 +1.5
LSA	Lhasa	39.61 334	P	P	04 43 16.4 +1.8
LSA	Lhasa	39.61 334	P	P	04 43 16.2 +1.8
RAMN	Ramite	39.62 326	eP	P	04 43 15.1 +0.7
LYN	LuoYang	40.09 311	P	P	04 43 18.5 +0.8
LYN	LuoYang	40.09 311	P	P	04 44 55.5 +1.5
LYN	LuoYang	40.09 311	P	P	04 45 09.5 +0.7
LYN	LuoYang	40.09 311	P	P	04 48 07.4 +1.4
LYN	LuoYang	40.09 311	P	P	04 48 44.4 -0.3
LYN	LuoYang	40.09 311	P	P	04 43 18.5 +0.8
JIRN	Jiri	40.40 326	eP	P	04 43 21.6 +0.8
GUN	Gumba	40.77 326	eP	P	04 43 24.5 +0.8
PKI	Pulchoki	40.77 326	eP	P	04 43 23.8 +0.2
PKIN	Phulchoki	40.78 325	eP	P	04 43 23.8 +0.1
DMN	Daman	40.97 325	eP	P	04 43 25.7 +0.5
GKN	Gorkha	41.54 325	eP	P	04 43 30.0 +0.5
JSU	Suzuyama	41.79 26	P	P	04 43 31.1 -0.2
JSU	Suzuyama	41.79 26	P	P	04 43 31.6
LZH	Lanzhou	41.97 352	iP	P	04 43 34.4 +1.6
LZH	Lanzhou	41.97 352	iP	P	04 45 16.5 +1.3
LZH	Lanzhou	41.97 352	iP	P	04 48 15.5 +1.7
CMSA	Cobar Meteorol	42.08 132	P	P	04 43 34.9 +1.3
CMSA	Cobar Meteorol	42.08 132	P	P	04 43 34.9 +1.3
TIA	Tai'an	42.20 8	P	P	04 43 34.0 -0.4
TIA	Tai'an	42.20 8	P	P	04 43 34.0 -0.4
RMQ	Roma	42.26 124	P	P	04 43 36.8 +1.6
RMQ	Roma	42.26 124	P	P	04 43 36.5 +1.4
DANN	Dangsing	42.31 324	eP	P	04 43 36.0 +0.3
ARPS	Mount Arapilles	42.42 141	P	P	04 43 37.1 +1.0
ARPS	Mount Arapilles	42.42 141	P	P	04 43 37.0 +0.9
PYUN	Piuthan	42.57 323	eP	P	04 43 37.8 +0.1
HNS	HongShan	43.08 5	P	P	04 43 41.3 +0.1
HNS	HongShan	43.08 5	P	P	04 45 19.8 +0.3
HNS	HongShan	43.08 5	P	P	04 49 28.8 +1.1
HNS	HongShan	43.08 5	P	P	04 52 43.9 +3.7
TIV	Taiyuan	43.24 3	P	P	04 43 42.8 +0.2
TIV	Taiyuan	43.24 3	P	P	04 43 42.8 +0.2
JNU	Nakatsue	43.35 26	P	P	04 43 42.4 -1.1
JNU	Nakatsue	43.35 26	P	P	04 43 42.6 -0.9
JNU	Nakatsue	43.35 26	P	P	04 43 45.1
JNU	Nakatsue	43.35 26	P	P	04 43 42.6 -0.9
EIDS	Eidsvold	43.82 121	P	P	04 43 48.2 +0.9
GOMU	GeErMu	44.06 342	P	P	04 43 50.6 +1.2
GOMU	GeErMu	44.06 342	P	P	04 43 54.7 -0.4
TJN	Taejon	44.87 20	eP	P	04 43 57.9 0.0
JMN	Monobe	45.22 28	P	P	04 44 58.4
TOO	Toolangi	45.22 140	P	P	04 44 00.1 +2.2
BJT	Baijiatuu	45.83 7	P	P	04 44 02.7 +0.4
BJT	Baijiatuu	45.83 7	P	P	04 44 03.0
BJT	Baijiatuu	45.83 7	P	P	04 44 02.7 +0.4
BJT	Baijiatuu	45.83 7	P	P	04 44 02.7 +0.4

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BJT	Baijiatuu	45.83 7	P	P	04 44 02.6 +0.3
BJT	Baijiatuu	45.83 7	P	P	04 45 29.1 +0.8
BJT	Baijiatuu	45.83 7	P	P	04 44 02.6 +0.3
BJT	Baijiatuu	45.83 7	P	P	04 45 29.5 +1.3
BJT	Baijiatuu	45.83 7	P	P	04 50 06.4 -0.2
GTA	Goatui	45.87 349	iP	P	04 44 04.4 +1.5
GTA	Goatui	45.87 349	iP	P	04 45 29.6 +0.9
GTA	Goatui	45.87 349	iP	P	04 45 45.4 +2.5
GTA	Goatui	45.87 349	iP	P	04 48 30.3 +0.6
GTA	Goatui	45.87 349	iP	P	04 49 22.6 -1.5
GTA	Goatui	45.87 349	iP	P	04 50 08.6 +1.3
GTA	Goatui	45.87 349	iP	P	04 44 04.4 +1.5
JHS	Saijiyo	45.92 27	P	P	04 44 02.9 -0.3
JHS	Saijiyo	45.92 27	P	P	04 44 03.9 -0.3
JHS	Saijiyo	45.92 27	P	P	04 46 01.2 0.0
KSAR	Wonju Array Be	46.01 20	P	P	04 44 03.9 +0.1
KSAR	Wonju Array Be	46.01 20	P	P	04 44 03.9 +0.1
KSRS	Kosong Array	46.03 20	P	P	04 44 03.9 -0.1
KSRS	Kosong Array	46.03 20	P	P	04 45 29.2 +0.2
KSRS	Kosong Array	46.03 20	P	P	04 44 04.2 0.0
KSRS	Kosong Array	46.03 20	P	P	04 45 05.9 +1.6
KSRS	Kosong Array	46.03 20	P	P	04 45 46.0 +1.5
KSRS	Kosong Array	46.03 20	P	P	04 46 43.1 -2.3
KSRS	Kosong Array	46.03 20	P	P	04 44 21.2
KSRS	Kosong Array	46.03 20	P	P	04 44 20.2 -1.5
KSRS	Kosong Array	46.03 20	P	P	04 44 21.2
KSRS	Kosong Array	46.03 20	P	P	04 44 20.6 -1.3
KSRS	Kosong Array	46.03 20	P	P	04 44 29.0 -1.5
KSRS	Kosong Array	46.03 20	P	P	04 44 29.1
KSRS	Kosong Array	46.03 20	P	P	04 44 28.8 -1.7
KSRS	Kosong Array	46.03 20	P	P	04 44 28.6 -1.9
KSRS	Kosong Array	46.03 20	P	P	04 44 28.8 -1.7
KSRS	Kosong Array	46.03 20	P	P	04 45 43.1 +1.1
KSRS	Kosong Array	46.03 20	P	P	04 46 12.6 -0.3
KSRS	Kosong Array	46.03 20	P	P	04 44 28.8 -1.7
KSRS	Kosong Array	46.03 20	P	P	04 45 42.5 +0.4
KSRS	Kosong Array	46.03 20	P	P	04 48 46.2 +0.8
KSRS	Kosong Array	46.03 20	P	P	04 44 30.0 -0.6
KSRS	Kosong Array	46.03 20	P	P	04 44 31.5 +0.5
KSRS	Kosong Array	46.03 20	P	P	04 45 43.0 +0.7
KSRS	Kosong Array	46.03 20	P	P	04 44 38.0 -1.3
KSRS	Kosong Array	46.03 20	P	P	04 44 38.9
KSRS	Kosong Array	46.03 20	P	P	04 44 40.8 -1.2
KSRS	Kosong Array	46.03 20	P	P	04 46 25.3 -0.1
KSRS	Kosong Array	46.03 20	P	P	04 51 19.8 +0.2
KSRS	Kosong Array	46.03 20	P	P	04 46 28.6 +0.6
KSRS	Kosong Array	46.03 20	P	P	04 46 28.6 +0.6
KSRS	Kosong Array	46.03 20	P	P	04 44 50.8 -0.3
KSRS	Kosong Array	46.03 20	P	P	04 44 50.8 -0.3
KSRS	Kosong Array	46.03 20	P	P	04 44 50.7 -0.4
KSRS	Kosong Array	46.03 20	P	P	04 44 50.4 -0.8
KSRS	Kosong Array	46.03 20	P	P	04 44 54.3 -1.2
KSRS	Kosong Array	46.03 20	P	P	04 45 54.6 -0.4
KSRS	Kosong Array	46.03 20	P	P	04 46 42.0 +2.1
KSRS	Kosong Array	46.03 20	P	P	04 53 41.8 -5.7
KSRS	Kosong Array	46.03 20	P	P	04 54 55.3 +2.9
KSRS	Kosong Array	46.03 20	P	P	04 44 55.7 +0.2
KSRS	Kosong Array	46.03 20	P	P	04 44 55.2 -0.3
KSRS	Kosong Array	46.03 20	P	P	04 44 54.6 -0.9
KSRS	Kosong Array	46.03 20	P	P	04 44 57.9 +0.8
KSRS	Kosong Array	46.03 20	P	P	04 44 57.9 +0.8
KSRS	Kosong Array	46.03 20	P	P	04 44 57.8 -0.4
KSRS	Kosong Array	46.03 20	P	P	04 44 57.7 -0.5
KSRS	Kosong Array	46.03 20	P	P	04 44 57.7 -0.5
KSRS	Kosong Array	46.03 20	P	P	04 44 58.0 -0.2
KSRS	Kosong Array	46.03 20	P	P	04 44 58.0 -0.2
KSRS	Kosong Array	46.03 20	P	P	04 44 57.8 -0.7
KSRS	Kosong Array	46.03 20	P	P	04 44 58.7 +0.7
KSRS	Kosong Array	46.03 20	P	P	04 44 59.3
KSRS	Kosong Array	46.03 20	P	P	04 44 58.7 +0.7

BSY	Bisya	58.91 301	P	P	04 45 36.7 +0.3
HOQ	Hogain	59.13 302	P	P	04 45 38.2 +0.4
DMTO	DMTO	59.18 294	P	P	04 45 38.4 +0.1
JASK	Jask - Hormozg	59.57 304	P	P	04 45 41.9 +1.2
ARQ	Araji	59.71 301	P	P	04 45 41.8 +0.1
DZA	Taraz	59.77 328	eP	P	04 45 41.3 -0.5
DBK	Taraz	59.77 328	eP	P	04 45 41.3 -0.5
RBK	Rabkut	59.79 294	eP	P	04 45 42.8 +0.4
YSS	Yuzh-Sakhalins	59.86 25	P	Iamb	04 45 42.1 -0.1
YSS	Yuzh-Sakhalins	59.86 25	P	P	04 45 42.0 -0.2
YSS	Yuzh-Sakhalins	59.86 25	eP	P	04 45 41.8 -0.4
YSS	Yuzh-Sakhalins	59.86 25	eP	P	04 47 35.0
YSS	Yuzh-Sakhalins	59.86 25	P	P	04 45 41.9 -0.2
BTLS	Baital	59.94 331	i/P	P	04 45 42.5 -0.3
BTLS	Baital	59.94 331	i/P	P	04 45 42.4 -0.3
IUG	luzhny	59.96 326	i/P	P	04 45 43.4 +0.2
IUG	luzhny	59.96 326	i/P	P	04 45 43.3 +0.1
SOHO	SOHO	60.00 302	i/P	P	04 45 43.1 -0.5
SOHO	SOHO	60.00 302	i/P	P	04 45 43.1 -0.5
WHFO	Wadi Hawi	60.00 302	P	P	04 45 43.5 -0.1
WHFO	Wadi Hawi	60.01 294	P	P	04 45 45.4 -0.5
CHM	Chimkent	60.31 326	eP	P	04 45 45.5 0.0
CHM	Chimkent	60.31 326	eP	P	04 45 45.4 0.0
CHM	Chimkent	60.31 326	eP	P	04 45 45.5 -0.1
CHM	Chimkent	60.31 326	eP	P	04 45 47.2
KK31	Karatay Array	60.35 328	P	Iamb	04 45 45.5 -0.1
KK31	Karatay Array	60.35 328	P	Iamb	04 45 45.5 -0.1
KKAR	Karatay Array	60.35 328	P	P	04 45 45.4 -0.2
KKAR	Karatay Array	60.35 328	P	Iamb	04 45 45.5 -0.2
KKAR	Karatay Array	60.35 328	P	Iamb	04 45 47.2
KKAR	Karatay Array	60.35 328	P	P	04 45 45.5 -0.1
ABTO	Aybut	60.58 293	P	P	04 45 47.7 +0.1
UOSS	Minazif	60.59 303	P	P	04 45 47.3 -0.2
UOSS	Minazif	60.59 303	i/P	P	04 45 46.7 -0.8
UOSS	Minazif	60.59 303	P	P	04 45 47.3 -0.2
UOSS	Minazif	60.59 303	P	P	04 45 46.5 -1.0
HATD	Hatta, Dubai	60.60 303	i/P	P	04 45 47.5 -0.1
HATD	Hatta, Dubai	60.60 303	i/P	P	04 45 47.5 -0.1
HATD	Hatta, Dubai	60.60 303	P	P	04 45 48.0 +0.4
ASHO	Ashiyah	60.61 302	i/P	P	04 45 47.7 0.0
ASHO	Ashiyah	60.61 302	P	P	04 45 47.8 0.0
ALNE	Al Ain	60.63 302	i/P	P	04 45 47.7 -0.1
ALNE	Al Ain	60.63 302	i/P	P	04 45 48.0 +0.2
MDH	Madha	60.64 303	i/P	P	04 45 46.6 -1.2
MDH	Madha	60.64 303	P	P	04 45 46.8 -1.1
GRNR	Gornyy	60.64 19	i/P	P	04 45 47.2 -0.1
GRNR	Gornyy	60.64 19	i/P	P	04 45 47.2 -0.1
GRNR	Gornyy	60.64 19	i/P	P	04 45 47.7 -0.2
GRNR	Gornyy	60.64 19	i/P	P	04 45 48.8 -0.0
GRNR	Gornyy	60.64 19	i/P	P	04 45 49.4 +0.5
GRNR	Gornyy	60.64 19	i/P	P	04 45 49.0 -0.5
GRNR	Gornyy	60.64 19	i/P	P	04 45 49.4 +0.1
GRNR	Gornyy	60.64 19	i/P	P	04 45 49.6 +0.3
UMZA	Um Al Zommo	60.65 300	P	P	04 45 50.3 -0.1
MSFE	Esma-Masafi	60.78 303	i/P	P	04 45 50.2 -0.3
MASF	Masafi	60.79 303	P	P	04 45 50.6 0.0
BANOM	Banah	60.89 304	i/P	P	04 45 50.7 0.0
BANOM	Banah	60.89 304	P	P	04 45 50.9 +0.4
ZEA	Zeya	60.95 12	eP	P	04 45 52.0 +0.4
ZEA	Zeya	60.95 12	eP	P	04 45 50.3 -0.1
ZEA	Zeya	60.95 12	eP	P	04 45 50.5 +0.2
ZEA	Zeya	60.95 12	eP	P	04 45 50.2 -0.3
ZEA	Zeya	60.95 12	eP	P	04 45 50.6 0.0
ZEA	Zeya	60.95 12	eP	P	04 45 50.7 0.0
ZEA	Zeya	60.95 12	eP	P	04 45 51.9 +0.4
ZEA	Zeya	60.95 12	eP	P	04 45 52.0 +0.4
FAQ	Al Faqa, Dubai	61.02 302	i/P	P	04 45 53.0 -0.2
FAQ	Al Faqa, Dubai	61.02 302	P	P	04 45 53.3 -0.2
NAZ	Nazwa, Dubai	61.06 302	i/P	P	04 45 53.2 -0.2
NAZ	Nazwa, Dubai	61.06 302	P	P	04 45 53.2 -0.2
SHME	Shamm	61.07 304	i/P	P	04 45 53.2 -0.2
SHME	Shamm	61.07 304	P	P	04 45 53.2 -0.2
ASUD	Al Ashush, Dub	61.20 302	i/P	P	04 45 57.6 0.0
ASUD	Al Ashush, Dub	61.20 302	P	P	04 45 58.1 0.0
AJN	Ajban	61.47 302	P	P	04 45 58.5 +0.4
SEM	Semipalatinsk	61.54 339	i/P	P	04 45 58.4 0.0
SEM	Semipalatinsk	61.54 339	i/P	P	04 46 03.8 +0.1
SEM	Semipalatinsk	61.54 339	i/P	P	04 45 58.8 +0.1
MZWR	Madinat Zayed	62.12 301	P	P	04 45 59.1 +0.4
MZR	Muzera	62.20 300	i/P	P	04 45 59.1 +0.4
MZR	Muzera	62.20 300	P	P	04 45 58.5 +0.4
KURRB	Kurchatov Arra	62.34 338	P	P	04 45 58.4 0.0
KURRB	Kurchatov Arra	62.34 338	P	P	04 46 31.8 -0.1
KURRB	Kurchatov Arra	62.34 338	P	P	04 48 25.0 0.0
KURRB	Kurchatov Arra	62.34 338	P	P	04 45 59.1 +0.4
KURRB	Kurchatov Arra	62.34 338	P	P	04 45 59.7
KURRB	Kurchatov Arra	62.34 338	P	P	04 45 58.8 +0.1
KURRB	Kurchatov Arra	62.34 338	P	P	04 45 59.1 +0.4
KURRB	Kurchatov Arra	62.34 338	P	P	04 45 58.7 +0.1
KURRB	Kurchatov Arra	62.34 338	P	P	04 46 01.8 +1.2
GHWR	Ruwaia	63.10 300	P	P	04 46 03.6 +0.1
ZAAO	Zalesovo Array	63.10 344	P	P	04 46 03.1 -0.1
ZAAO	Zalesovo Array	63.10 344	P	P	04 46 03.8
ZALV	Zalesovo Beam	63.10 344	P	P	04 46 02.9 -0.3
ZALV	Zalesovo Beam	63.10 344	P	P	04 46 34.0 -0.8
ZALV	Zalesovo Beam	63.10 344	P	P	04 47 53.6 +0.7
ZALV	Zalesovo Beam	63.10 344	P	P	04 53 44.1 -7.5
ZALV	Zalesovo Beam	63.10 344	P	P	05 14 54.4 +1.0
ZALV	Zalesovo Beam	63.10 344	P	P	04 46 03.1 -0.1
ZALV	Zalesovo Beam	63.10 344	P	P	04 46 05.7 +1.4
VOI	Voditsoka	63.18 248	P	P	04 46 04.2 -0.7
BOD	Bodaibo	63.38 2	eP	P	04 46 04.2 -0.7
BOD	Bodaibo	63.38 2	eP	P	04 46 04.2 -0.7
JRN	Garnian Island	63.42 301	P	P	04 46 05.6 -0.3

BRZS	Berezni	64.21 334	i/P	P	04 46 10.9 +0.4
BRZS	Berezni	64.21 334	i/P	P	04 46 10.8 +0.4
BRZS	Berezni	64.21 334	i/P	P	04 46 11.1 +0.6
BRZS	Berezni	64.21 334	i/P	P	04 46 17.6 +0.2
DRV	Dumont d'Urvil	64.28 167	P	P	04 46 20.3 -0.2
RPZ	Rata Peaks	65.29 136	P	P	04 46 30.3 -0.2
SAKB	Nonsavu	65.73 302	P	P	04 46 30.3 -0.2
MSVF	Nonsavu	67.31 107	P	P	04 46 20.3 -0.2
BVAR	Boroyove	67.42 335	P	P	04 46 30.1 -0.2
BVAR	Boroyove	67.42 335	P	P	04 46 53.0 0.0
BRVK	Boroyove	67.49 335	P	P	04 46 30.9 +0.1
BRVK	Boroyove	67.49 335	P	P	04 46 31.5
BRVK	Boroyove	67.49 335	P	P	04 46 30.2 -0.6
BRVK	Boroyove	67.49 335	P	P	04 46 30.8 +0.1
BRVK	Boroyove	67.49 335	P	P	04 46 30.6 -0.2
BKZ	Black Stump Fm	68.18 130	P	Iamb	04 46 35.4 0.0
BKZ	Black Stump Fm	68.18 130	P	Iamb	04 46 35.8
BKZ	Black Stump Fm	68.18 130	P	P	04 46 35.5 0.0
RTZ	Rutahuna	68.46 129	P	P	04 46 37.0 -0.1
URZ	Urewera	68.49 129	P	P	04 46 36.4 -0.8
ATD	Arta Tunnel	69.04 285	P	P	04 46 41.6 +0.5
YAK	Yakutsk	69.20 10	P	P	04 46 40.8 -0.1
YAK	Yakutsk	69.20 10	P	P	04 46 40.0 -0.9
YAK	Yakutsk	69.20 10	P	P	04 46 58.7
YAK	Yakutsk	69.20 10	P	P	04 48 31.8 -1.6
YAK	Yakutsk	69.20 10	P	P	04 51 07.0
YAK	Yakutsk	69.20 10	P	P	04 54 59.6 -3.7
YAK	Yakutsk	69.20 10	P	P	04 55 43.8
YAK	Yakutsk	69.20 10	P	P	04 46 46.0 +0.9
YAK	Yakutsk	69.20 10	P	P	04 46 43.4
YAK	Yakutsk	69.20 10	P	P	04 46 42.5 -0.2
YAK	Yakutsk	69.20 10	P	P	04 46 42.3 -0.4
YAK	Yakutsk	69.20 10	P	P	04 46 42.4 -0.3
YAK	Yakutsk	69.20 10	P	P	04 46 42.3 -0.4
YAK	Yakutsk	69.20 10	P	P	04 46 45.3 +1.6
YAK	Yakutsk	69.20 10	P	P	04 48 42.5 +2.8
YAK	Yakutsk	69.20 10	P	P	04 46 45.9 +0.4
YAK	Yakutsk	69.20 10	P	P	04 46 45.9 +0.4
YAK	Yakutsk	69.20 10	P	P	04 46 46.5
YAK	Yakutsk	69.20 10	P	P	04 46 51.7 -0.1
YAK	Yakutsk	69.20 10	P	P	04 46 52.4
YAK	Yakutsk	69.20 10	P	P	04 46 51.6 -0.1
YAK	Yakutsk	69.20 10	P	P	04 46 50.8 -1.0
YAK	Yakutsk	69.20 10	P	P	04 46 51.0 -0.6
YAK	Yakutsk	69.20 10	P	P	04 46 53.5 -0.5
YAK	Yakutsk	69.20 10	P	P	04 46 53.7 -0.3
YAK	Yakutsk	69.20 10	P	P	04 46 55.5 0.0
YAK	Yakutsk	69.20 10	P	P	04 46 58.9 +0.8
YAK	Yakutsk	69.20 10	P	P	04 46 58.2 +0.1
YAK	Yakutsk	69.20 10	P	P	04 47 01.2 +0.3
YAK	Yakutsk	69.20 10	P	P	04 47 02.0
YAK	Yakutsk	69.20 10	P	P	04 47 01.1 +0.2
YAK	Yakutsk	69.20 10	P	P	04 47 00.9 0.0
YAK	Yakutsk	69.20 10	P	P	04 47 04.5 +1.0
YAK	Yakutsk	69.20 10	P	P	04 47 04.5 +1.0
YAK	Yakutsk	69.20 10	P	P	04 47 03.4 -0.1
YAK	Yakutsk	69.20 10	P	P	04 47 07.7 +0.3
YAK	Yakutsk	69.20 10	P	P	04 47 09.8 0.0
YAK	Yakutsk	69.20 10	P	P	04 47 11.5 +0.1
YAK	Yakutsk	69.20 10	P	P	04 49 04.9 -1.3
YAK	Yakutsk	69.20 10	P	P	04 50 03.7 +1.0
YAK	Yakutsk	69.20 10	P	P	04 51 55.1
YAK	Yakutsk	69.20 10	P	P	04 56 01.1 -0.7
YAK	Yakutsk	69.20 10	P	P	04 47 13.2 -0.3
YAK	Yakutsk	69.20 10	P	P	04 47 13.6 +0.1
YAK	Yakutsk	69.20 10	P	P	04 47 17.3 +0.6
YAK	Yakutsk	69.20 10	P	P	04 47 16.8 +0.1
YAK	Yakutsk	69.20 10	P	P	04 47 16.9 +0.3
YAK	Yakutsk	69.20 10	P	P	04 47 24.2
YAK	Yakutsk	69.20 10	P	P	04 47 16.8 +0.3
YAK	Yakutsk	69.20 10	P	P	04 47 17.7 0.0
YAK	Yakutsk	69.20 10	P	P	04 47 16.6 -1.8
YAK	Yakutsk	69.20 10	P	P	04 50 14.7
YAK	Yakutsk	69.20 10	P	P	04 56 12.6 -2.7
YAK	Yakutsk	69.20 10	P	P	04 47 20.4 +0.4
YAK	Yakutsk	69.20 10	P	P	04 47 21.3
YAK	Yakutsk	69.20 10	P	P	04 47 21.9 -0.5
YAK	Yakutsk	69.20 10	P	P	04 50 23.6 -0.8
YAK	Yakutsk	69.20 10	P	P	04 47 22.1 -0.3
YAK	Yakutsk	69.20 10	P	P	04 47 21.8 -0.7
YAK	Yakutsk	69.20 10	P	P	04 47 24.2 +0.2
YAK	Yakutsk	69.20 10	P	P	04 47 24.2 +0.2
YAK	Yakutsk	69.20 10	P	P	04 47 25.1 +0.6
YAK	Yakutsk	69.20 10	P	P	04 47 26.2
YAK	Yakutsk	69.20 10	P	P	04 47 24.6 +0.9
YAK	Yakutsk	69.20 10	P	P	04 47 21.9 -3.0

ONI	Oni	77.00 316	P	P	04 47 25.9 -0.2
ONI	Oni	77.00 316	P	P	04 47 25.9 -0.2
NCK	Nalchik	77.22 317	i/P	P	04 47 27.7 +0.5
NEY	Neytrino	77.73 316	eP	P	0

M26K	Nabesna, AK	102.83	27	P	Pdf	04 49 29.8 +1.6	BELC	Belle Mtn. Jos	128.92	50	P	PKIKP	04 54 37.9 +1.5
K27K	Chicken	102.86	25	P	Pdf	04 49 29.6 +1.4	BWNP	Monument Peak	129.01	52	P	PKIKP	04 54 38.0 +1.3
MCARA	McCarthy VSAT	103.03	28	P	Pdf	04 49 30.4 +1.3	MONP	Boulder Array	129.12	37	P	PKIKP	04 54 38.0 +1.3
L27K	Beaver Creek,	103.20	26	P	Pdf	04 49 31.6 +1.7	PDAR	Pinedale Array	129.12	37	PKP	PKIKP	04 54 36.5 -0.1
M27K	Edge Creek, AK	103.34	27	P	Pdf	04 49 31.7 +1.1	PDAR	comp=Z, 2.9nm, 0.6s, baz=21, slow=0.2, SNR=34			SKPbc	SKPbc	04 57 06.5 +0.2
BVCY	Beaver Creek	103.79	27	P	Pdf	04 49 34.0 +1.6	IKP	In-Ko-Pah, Jac	129.34	52	P	PKIKP	04 54 38.7 +1.5
DAGC	Danmarks Havn	103.85	349	i	Pdf	04 49 32.0 -0.3	BC3	Big Chukwall	129.47	50	P	PKIKP	04 54 39.0 +1.5
DAG	comp=Z, 1.8nm, 0.8s				Iamb	04 49 35.5	SWSC	Sam W. Stewart	129.47	51	P	PKIKP	04 54 38.9 +1.5
YTKG	China Glacier	103.92	28	P	Pdf	04 49 34.5 +1.3	IRM	Iron Mountain	129.51	50	P	PKIKP	04 54 38.9 +1.5
CU3	Moose Creek	104.14	28	P	Pdf	04 49 34.4 +0.2	NEE2	Needles Airpor	129.66	49	P	PKIKP	04 54 38.6 +0.9
G30M	IAOH Zraii Nij	104.35	22	P	Pdf	04 49 35.4 +0.5	GLA	Glamis	130.19	51	P	PKIKP	04 54 39.9 +1.0
INK	Inuvik	104.83	20	P	Pdf	04 49 36.9 +0.1	PDMCI	Parker Dam, Lak	130.21	49	P	PKIKP	04 54 39.7 +0.9
K29M	Barlow Dome	104.85	25	P	Pdf	04 49 37.7 +0.5	ULM	Lac du Bonnet	130.53	22	PKP	PKPdf	04 54 38.0 0.0
F31M	Tsigheitchuk	105.08	21	P	PKIKP	04 53 49.6 +0.6	ULM	comp=Z, 6.3nm, 0.7s, baz=324, slow=1.4, SNR=11			SKPbc	SKPbc	04 57 10.3 -0.6
M30M	Minto, Yukon	105.56	26	P	PKIKP	04 53 50.9 +0.8	ULM	comp=Z, 9.9nm, 0.8s, baz=330, slow=5.9, SNR=15			SKPbc	SKPbc	04 54 38.0 0.0
N30M	Aishik Lake	105.77	27	P	PKIKP	04 53 51.4 +0.9	SCHO	Schefferville	130.94	358	PKP	PKIKP	04 54 39.2 -0.5
N31M	Braeburn, Yuko	106.36	27	P	PKIKP	04 53 52.0 +0.4	SCHO	comp=Z, 9.2nm, 0.6s, baz=12, slow=4.0, SNR=32			SKPbc	SKPbc	04 57 13.0 0.0
FARO	Faro, Yukon	107.19	26	P	PKIKP	04 53 53.5 +0.5	K22A	Casper	130.98	36	P	PKIKP	04 54 40.1 -0.2
C36M	Paulatuk	107.39	18	P	PKIKP	04 53 53.4 +0.2	RSSD	Black Hills	131.43	33	PKPdf	PKPdf	04 54 40.7 +0.5
NEEM	North Greenlan	107.59	356	i	Pdf	04 49 49.5 +0.1	RSSD	Black Hills	131.43	33	PKIKP	PKPdf	04 54 40.7 +0.5
NEEM	comp=Z, 5.9nm, 0.8s				Iamb	04 49 50.5	RSSD	Black Hills	131.43	33	PKIKP	PKIKP	04 54 41.3 0.0
N32M	Quiet Lake	107.70	27	P	PKIKP	04 53 54.6 +0.5	O20A	White River Ci	131.43	39	P	PKIKP	04 54 42.3 +0.9
EKA	Eskdalemuir Ar	107.78	327	PKIKP	PKIKP	04 53 54.3 0.0	WUAZ	Wupatki	131.71	46	P	PKIKP	04 54 42.8 +0.7
P32M	Atlin	107.96	29	P	PKIKP	04 53 55.5 +0.9	AGMN	Agassiz Nation	132.13	23	P	PKIKP	04 54 42.3 +0.7
R32K	Eaglecrest	108.01	30	P	PKIKP	04 53 55.6 +0.9	214A	Organ Pipe Nat	132.19	51	P	PKIKP	04 54 43.7 +0.8
P33M	Teslin, Yukon	108.16	28	P	PKIKP	04 53 56.1 +1.0	N23A	Red Feather La	132.40	37	P	PKIKP	04 54 43.6 +0.2
SC0	Scorebysund	108.47	345	eP	Iamb	04 49 53.9	MVCO	Mesa Verde	132.47	43	P	PKIKP	04 54 44.9 +0.4
TORD	Torodi Ar, Bea	109.16	282	PKIKP	PKIKP	04 53 57.9 -0.2	B35A	Bob Littlefor	132.89	22	P	PKPdf	04 54 41.1 -1.5
U33K	Whale Pass	109.44	32	P	PKIKP	04 53 58.4 +1.0	W18A	Petrified Fore	133.07	46	P	PKIKP	04 54 45.4 +0.6
WRGLY	Wrigley	110.83	23	P	PKIKP	04 54 01.0 +1.1	ISCO	Idaho Springs	133.26	38	P	PKIKP	04 54 45.0 -0.3
LIRD	Liard River Hi	111.58	27	P	PKIKP	04 54 02.5 +1.1	TUC	Tucson	133.60	50	P	PKIKP	04 54 46.1 +0.3
ESDC	Sonsea Array	112.07	310	PKIKP	PKIKP	04 54 03.4 +0.4	S22A	JUR Ranch, Cre	133.69	41	P	PKIKP	04 54 45.8 -0.4
ESDC	comp=Z, 1.1nm, 0.5s, baz=22, slow=2.8, SNR=13				PP	04 54 58.4 +0.8	S22A	404	133.78	29	P	PKIKP	04 54 45.3 -0.4
KOTAN	Kotaneleele Air	112.15	26	P	PKIKP	04 54 03.8 +1.3	PLCA	Paso Flores	133.80	179	PKP	PKIKP	04 54 45.8 -0.3
MDT	Midelt	113.78	303	PKIKP	PKIKP	04 54 07.2 +0.6	PLCA	comp=Z, 1.4nm, 0.6s, baz=21, slow=3.3, SNR=39			SKPbc	SKPbc	04 57 21.4 -1.1
YKA	Yellowknife Ar	114.56	21	PKIKP	PKPdf	04 54 06.8 -0.2	F33A	5 Mile Ranch,	133.92	26	P	PKPdf	04 54 44.8 +0.2
YKA	comp=Z, 5.7nm, 0.6s, baz=330, slow=1.8, SNR=105				SKP	04 56 49.6	EYMN	Ely	134.03	20	P	PKIKP	04 54 46.2 +0.1
YKA	comp=Z, 1.4nm, 0.8s, baz=309, slow=1.8, SNR=6				PKKbPbc	04 50 47.0 -2.8	Q24A	Divide	134.05	39	P	PKIKP	04 54 46.6 -0.3
KIC	Kosan Boka	115.23	274	PKIKP	PKPdf	04 54 09.6 -0.1	SDCO	Great Sand Dun	134.55	40	P	PKIKP	04 54 47.7 -0.2
DBIC	Dimbrok	115.36	275	PKP	PKPdf	04 54 09.5 -0.5	F36A	Milaca	135.04	23	P	PKPdf	04 54 47.0 +0.4
LIC	Lamto	115.50	274	PKIKP	PKPdf	04 54 10.1 -0.2	K31A	The Farm, Brul	135.21	21	P	PKPdf	04 54 46.9 +0.1
TIC	Toumudi	115.52	275	PKIKP	PKPdf	04 54 09.9 -0.4	E83A	O'Neill	135.22	30	P	PKPdf	04 54 47.6 +0.5
J05D	Fort Rock, OR	121.43	42	PKP	PKIKP	04 54 21.8 +0.6	ECSD	EROS Data Cent	135.42	28	P	PKIKP	04 54 49.6 +0.5
PLID	Newport	121.67	35	P	PKIKP	04 54 22.1 +0.7	ANMO	Albuquerque	135.47	44	P	PKIKP	04 54 49.8 +0.1
M50	Missoula	124.25	35	P	PKIKP	04 54 27.0 +0.3	Y25A	Trinidad	135.61	40	P	PKIKP	04 54 51.0 +1.1
FFC	Flin Flon	124.71	22	PKPdf	PKIKP	04 54 27.3 +0.2	T22A	comp=Z, 3.0nm, 0.8s, baz=202, slow=3.6, SNR=8.4			SKPbc	SKPbc	04 54 49.9 -0.2
FFC	Flin Flon	124.71	22	PKIKP	PKIKP	04 54 27.3 +0.2	121A	Cookes Peak, D	135.75	48	P	PKIKP	04 54 51.3 +1.0
SMMC	Simmler	125.37	50	P	PKIKP	04 54 29.6 +0.5	BGNE	Belgrade	136.42	31	P	PKIKP	04 54 51.0 -0.2
NVAR	Mina Array Bea	125.45	46	PKP	PKIKP	04 54 30.2 +0.8	BGNE	Belgrade	136.42	31	P	PKPdf	04 54 49.7 +0.3
NVAR	comp=Z, 7.2nm, 0.8s, baz=245, slow=2.9, SNR=51				PKKbPbc	05 04 10.2 +0.5	CBKS	Cedar Bluff	137.39	35	P	PKIKP	04 54 53.0 -0.3
PKM	Mpherson Peak	125.66	51	P	PKIKP	04 54 30.0 +1.7	MNTX	Cornudas Mount	137.93	48	P	PKIKP	04 54 54.6 0.0
HLI	Haley	125.70	39	P	PKIKP	04 54 30.5 +0.6	KSU1	Kansas State U	138.91	32	P	PKIKP	04 54 56.6 +0.2
EGMT	Eagleton	125.87	32	P	PKIKP	04 54 30.4 +0.7	KSU1	Kansas State U	138.91	32	P	PKPdf	04 54 48.1 -5.9
VES	Vestal, Richgr	125.88	49	P	PKIKP	04 54 30.6 +0.5	F64A	Sherman	139.96	358	PKP	PKPdf	04 54 56.0 +0.3
SBC	Santa Barbara	125.89	51	P	PKIKP	04 54 31.2 +1.1	TXAR	Lajitas Array	140.39	50	PKIKP	PKPre	04 54 51.3
SC22	Tinemaha, Big	126.05	48	P	PKIKP	04 54 31.4 +0.8	TXAR	comp=Z, 3.2nm, 0.6s, baz=252, slow=1.1, SNR=39			SKPbc	SKIKP	04 57 43.5 -0.7
DSP	Deep Springs	126.12	47	PKPdf	PKIKP	04 54 31.8 +1.3	TXAR	comp=Z, 5.4nm, 0.7s, baz=244, slow=1.2, SNR=19			SKKbPbc	SKKbPbc	05 06 12.4 -0.7
BOVC	Bozeman (W)	126.28	35	P	PKIKP	04 54 31.3 +0.5	T35B	Sooner Centre	140.54	34	P	PKPdf	04 54 51.9 -5.1
ARVZ	Arvin	126.35	50	P	PKIKP	04 54 32.0 +1.0	WMOK	Wichita Mounta	140.68	39	P	PKIKP	04 55 00.3 +0.1
CWC	Cottonwood Cre	126.40	48	P	PKIKP	04 54 32.2 +0.9	WMOK	Wichita Mounta	140.68	39	P	PKPdf	04 54 52.0 -5.4
ISA	Isabella, Lake	126.40	49	P	PKIKP	04 54 32.0 +0.8	BMNY	Brushton-Moira	140.80	5	P	PKPdf	04 54 52.0 -5.2
GRAC	Grapevine Rang	126.71	47	P	PKIKP	04 54 32.8 +1.0	F40A	Paris	140.84	27	P	PKPdf	04 54 51.8 -5.7
EDW2	Edwards Air Fo	127.06	50	P	PKIKP	04 54 33.3 +1.3	PRNY	Flat Rock	140.88	4	P	PKPdf	04 54 52.1 -5.2
LRMCO	Laurel Mtn Rad	127.07	49	P	PKIKP	04 54 33.6 +1.0	ABTX	Abilene, Hawle	141.45	42	PKPdf	PKPdf	04 54 55.6 -3.2
CIS	Catalina Islan	127.27	52	P	PKIKP	04 54 33.8 +0.8	ABTX	Abilene, Hawle	141.45	42	P	PKIKP	04 55 02.0 +0.3
FURC	Furnace Creek,	127.29	48	P	PKIKP	04 54 34.3 +1.4	RODS	Rosario do Sul	141.49	201	eP	PKPdf	04 54 55.7 -3.2
111A	Troy Canyon, C	127.42	45	P	PKIKP	04 54 34.5 +1.2	TUL1	Leonard	141.66	35	P	PKIKP	04 55 02.6 +0.6
TPNV	Topopah Spring	127.54	47	P	PKIKP	04 54 34.6 +1.0	S39A	Bolivar	141.67	31	P	PKIKP	04 54 54.3 -4.7
BFSC	Mount Baldy Ra	127.55	51	P	PKIKP	04 54 34.3 +0.7	NCB	Newcomb	141.69	5	P	PKIKP	04 54 54.5 -4.4
H17A	Grant Village	127.58	36	P	PKIKP	04 54 35.0 +1.4	R40A	Maddies Statio	141.72	29	P	PKPdf	04 54 54.8 -4.2
GSC	Goldstone, Bar	127.80	49	P	PKIKP	04 54 35.2 +1.1	I63A	Otisfield	141.79	1	P	PKPdf	04 54 55.6 -3.4
RRX	Edison Barstow	127.82	50	P	PKIKP	04 54 35.5 +1.4	I63A	comp=Z, 3.5nm, 0.7s, baz=359			PKP	PKPdf	04 54 55.6 -3.4
RLMT	Red Lodge	127.90	35	P	PKIKP	04 54 35.2 +1.0	MCVT	Middlebury Col	141.80	4	P	PKPdf	04 54 55.5 -3.5
SHOC	Shoshone, Teco	127.96	48	P	PKIKP	04 54 35.8 +1.5	O44A	Mansfield	141.85	23	P	PKIKP	04 54 55.2 -4.0
MURC	Murrieta	128.15	51	P	PKIKP	04 54 35.8 +1.0	P43A	Skaggs, Pawnee	141.85	25	P	PKIKP	04 54 55.6 -3.6
HEC	Hector, Ludlow	128.34	49	P	PKIKP	04 54 36.0 +0.8	MAN01	Angra dos Reis	141.93	221	eP	PKIKP	04 54 58.3 -1.7
DGMT	Dagmar	128.37	29	P	PKIKP	04 54 35.8 +1.1	VAS01	Vassouras-RJ	142.00	222	eP	PKIKP	04 54 57.7 -2.4
TUQ	Turquoise Moun	128.41	49	P	PKIKP	04 54 36.5 +1.1	ALGR	Alo Alegre (B	142.05	204	eP	PKIKP	04 54 57.8 -2.3
DUG	Dugway, Toeale	128.44	42	P	PKIKP	04 54 36.3 +1.0	J57A	Willmstown	142.05	7	P		

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Wyandotte Cave, Paducah, Corning, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Carrollton, Saluda, Saluda, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JWVDT, SSSLB, SMLT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers like QZAR, QRD, BRDA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers like CFSC, CLTC, RSBC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers like CCAC, GSC, GSC, etc.

ROM 14 04:47:11.0+1.42793N:0.003:13.249E:0.004, h16km, ML0.6/1.7C-1D, Error ellipse: s-maj=0.3km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers like T1214, T1245, T1249, etc.

IDC 14 04:58:42.1+2.3, 6.93S:129.14E, h0km, mb3.2/1, mbtmp3.2/3, ML3.4/2, Error ellipse: s-maj=118.9km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers like WRA, ASAR, MKAR, etc.

NEIC 14 05:06:54.0+0.9, 34.03N:0.03:117.25W:0.03, h20km, 4km, Error ellipse: s-maj=4.1km s-min=3.5km az=193.0 ANF 14 05:06:53.4+0.1, 34.02N:117.24W, h19km, km, ML3.7/36, Error ellipse: s-maj=0.9km s-min=0.8km az=72.0 PAS 14 05:06:54.5+1.1, 34.04N:0.03:117.24W:0.03, h18km, 4km, ML3.7/364, ML3.5/88(NEIC), Error ellipse: s-maj=5.0km s-min=3.7km az=194.0 ISC 14 05:06:54.0+0.9, 34.03N:0.01:117.24W:0.01, h18km, 2km, n140, 09/99/191, Southern California

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers like PFO, XPMO, XPMO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers like GRAC, W13A, W13A, etc.

BUJ 14 05:55:17.2,0.0,2.92N,121.45E, h86km, mb5.5/87, m85.4/60, Ms4.8/50, Mst7.4/4/50
MOS 14 05:55:18.4,0.9,0.64N,121.21E, h74km, mb5.8/49, MS4.2/5, Error ellipse: s-maj=8.2km s-min=4.2km az=114.2
GCMT 14 05:55:21.5,0.1,0.70N,101.121E, h88km, 1km, MV5.4/138, Moment Tensor Solution. s126,c191; m38,c266; Duration: 1s3 Moment tensor: Scale 1017 Nm; Mn=0.51±0.02; Mw=1.10±0.02; Mw=1.61±0.02; Mw=0.94±0.01; Mw=0.21±0.02; Mw=0.14±0.02; Best double couple: M1:7220±1017; NP1:45.71000°, λ=32.00000°; NP2:95.146.00000°; 360.00000°; λ=157.00000°; Principal axes: T 1.6510, P1g7.0000°, Azm97.0000°; N 0.1460, P1g53.0000°, Azm196.0000°; P -1.7930, P1g36.0000°. Azm2.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
NEIC 14 05:55:21.3,0.76N,121.16E, h60km, Moment Tensor Solution. Duration: 2s7 Moment tensor: Scale 1017Nm; Mn=0.11; Mw=1.26; Mw=1.37; Mw=0.99; Mw=0.17; Mw=0.06; Fault plane solution: Mo1.61000°/1017; NP1:45.71000°, λ=374.29000°; λ=26.00000°; NP2:95.143.43000°; 864.47000°; λ=182.54000°; Principal axes: T 1.9917, P1g7.0000°, Azm96.0000°; N 0.4398, P1g59.0000°; Azm197.0000°; P -1.8316, P1g30.0000°, Azm2.0000°;
NEIC 14 05:55:21.5,2.4,0.65N,102.06E,121.15E,0.06, h75km, 4km, mb5.6/185, Mw5.4/12 Error ellipse: s-maj=9.8km s-min=7.7km az=45.0
NEIC 14 05:55:21.3,0.66N,121.16E, h60km
DJA 14 05:55:21.4,0.1,1.1N,112°12'E, h79km, 2km, M5.5/113, mb5.6/113, mB5.9/89, MLv6.0/18, Mw5.4/136, Mw(m)5.5/89, Mw(Mwp)5.2/29, Mwp5.4/29
IDC 14 05:55:22.9,1.4,0.68N,121.18E, h101km, 12km, mb4.9/46, mb(m)5.2/49, MS4.1/58, Error ellipse: s-maj=10.3km s-min=5.4km az=59.0
KLM 14 05:55:30.0,9.96N,120.64E, h98km, mb5.9
ISC 14 05:55:21.0,0.2,0.57N,102.03E,121.15E,0.03, h84km, 1km, h84km, p-P, n1048, c1543/1140, mb5.5/219, 18C-69D, Minahassa Peninsula, Sulawesi

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
TOL2	Toilitoli	0.65	326	Op	Pn	05 56 35.0	-0.8			
TOL2	Toilitoli	0.65	326	Sn	Pn	05 56 46.1	-1.9			
MRSI	Marisa	0.80	97	P	Pn	05 55 38.0	0.0			
MRSI	Marisa	0.80	97	S	Pn	05 55 58.0	+0.2			
MPSI	Mapaga	1.27	260	P	Pn	05 55 43.5	-0.1			
GTOI	Goronlalo	1.09	246	P	Pn	05 55 50.5	+0.7			
LWU1	Luwuk	2.28	135	P	Pn	05 55 58.0	+2.0			
LWU1	Luwuk	2.28	135	P	Pn	05 55 59.3	+2.5			
BKB	Balikpapan	4.62	247	P	Pn	05 56 28.0	+0.3			
BKB	Balikpapan	4.62	247	P	Pn	05 56 28.3	-0.2			
SPSI	Sidrap Patu	4.71	197	P	Pn	05 56 30.6	+0.9			
MYLDM	Lahad Datu	5.29	330	Ph	Pn	05 56 37.6	+0.1			
SGSI	Sangihe	5.36	55	P	Pn	05 56 36.7	-1.9			
SANI	Sanana	5.49	118	P	Pn	05 56 40.7	+0.3			
SANI	Sanana	5.49	118	P	Pn	05 56 39.4	-1.0			
KAPI	Kappang	5.72	194	P	Pn	05 56 44.0	+0.5			
KAPI	Kappang	5.72	194	S	Sn	05 57 44.1	-3.7			
KAPI	Kappang	5.72	194	S	Sn	05 59 18.9				
KAPI	Kappang	5.72	194	LR	LR	05 59 18.9				
KAPI	Kappang	5.72	194	LR	LR	05 56 44.1	+0.7			
KAPI	Kappang	5.72	194	P	Pn	05 56 44.7	+1.2			
KAPI	Kappang	5.72	194	P	Pn	05 56 44.9	+1.5			
BKSI	Bulukumba	5.94	190	P	Pn	05 56 46.9	+0.4			
TNTI	Ternate	6.22	88	Ph	Pn	05 56 50.7	+0.4			
TNTI	Ternate	6.22	88	P	Pn	05 56 51.8	+1.5			
TNTI	Ternate	6.22	88	P	Pn	05 56 50.7	+0.4			
SPMM	Sapulu	6.23	311	P	Pn	05 56 51.0	+0.6			
ZCP	Zamboanga City	6.39	81	P	Pn	05 56 52.0	-0.6			
ITKI	Muara Tahan	6.43	256	P	Pn	05 56 53.2	0.0			
LBMI	Labuha	6.46	101	P	Pn	05 56 53.5	-0.1			
GSFH	General Santos	6.66	351	eP	Pn	05 56 54.3	-2.1			
GSFH	General Santos	6.66	351	S	Sn	05 58 09.4	-1.7			
BSSI	Bau Bau	6.70	186	P	Pn	05 56 58.0	+1.1			
NLAI	Namlea	7.05	122	P	Pn	05 57 02.8	+1.2			
CTBH	Cotabato-PC H	7.29	251	iP	Pn	05 57 03.0	-1.9			
KKM	Kota Kinabalu	7.34	318	P	Pn	05 57 05.0	-0.6			
KKM	Kota Kinabalu	7.34	318	P	Pn	05 57 06.3	+0.7			
BBKI	Banjar Baru	7.47	238	P	Pn	05 57 07.8	+0.4			
KCP	Kadapawan	7.51	311	iP	Pn	05 57 07.2	-0.7			
DAP	Davao City (W)	7.82	34	P	Pn	05 58 29.6	-2.0			
DAV	Davao City (W)	7.82	34	P	Pn	05 57 12.9	+0.8			
DAV	Davao City (W)	7.82	34	S	Sn	05 58 41.7	+2.5			
DAV	Davao City (W)	7.82	34	LR	LR	06 00 42.1				
DAV	Davao City (W)	7.82	34	Ph	Pn	05 57 12.8	+0.6			
DAV	Davao City (W)	7.82	34	P	Pn	05 57 17.1	+4.9			
AAI	Ambo	8.21	121	P	Pn	05 57 20.0	+2.5			
DCPH	Dipolog City	8.26	15	iP	Pn	05 57 21.8	+3.7			
CGAI	Cagayan de Oro	8.59	241	eP	Pn	05 57 23.4	+0.7			
MASO	Masohi	8.70	117	P	Pn	05 57 26.5	+2.4			
SNPH	Sibulan	8.96	13	eP	Pn	05 57 28.8	+1.1			
SBUM	Sibu	9.12	282	P	Pn	05 57 30.4	+0.6			
SBUM	Sibu	9.12	282	P	Pn	05 57 32.0	+2.1			
BIPH	Biglig	9.18	341	P	Pn	05 57 30.0	+0.2			
BIPH	Biglig	9.18	341	eS	Sn	05 59 05.9	-6.3			
MMRI	Maumere	9.21	173	Ph	Pn	05 57 31.9	+0.8			
MMRI	Maumere	9.21	173	P	Pn	05 57 32.6	+1.5			
TBP	Tagbilaran	9.45	17	eP	Pn	05 57 39.3	+4.9			
TBP	Tagbilaran	9.45	17	S	Sn	05 59 19.4	+0.3			
PLAI	Plampang	9.92	200	P	Pn	05 57 42.0	+1.2			
PLAI	Plampang	9.92	200	P	Pn	05 57 42.0	+1.2			
PBKI	Pangkalan Bun	10.02	251	P	Pn	05 57 41.9	-0.3			
BNDI	Bandanaira	10.11	120	P	Pn	05 57 45.3	+2.0			
BNDI	Bandanaira	10.11	120	P	Pn	05 57 44.7	+1.4			
SCPH	Surigao	10.12	25	eP	Pn	05 57 45.0	+1.5			
TWSI	Taliwang, Sumb	10.18	205	P	Pn	05 57 45.7	+1.4			
SJUI	Sorong	10.22	98	P	Pn	05 57 45.1	+0.2			
SJUI	Sorong	10.22	98	S	Sn	05 59 39.2	+1.4			
SRBI	Singaraja	10.44	214	P	Pn	05 57 49.4	+1.6			
SOEI	Soe	10.72	163	Ph	Pn	05 57 56.3	+4.5			
SOEI	Soe	10.72	163	P	Pn	05 57 55.2	+3.4			
BASI	Baing, Sumba	10.73	183	P	Pn	05 57 53.5	+1.6			
ABJI	Asem Bagus	10.80	220	P	Pn	05 57 56.0	+3.2			
KSM	Kuching	10.88	275	Ph	Pn	05 57 54.3	+0.5			
KSM	Kuching	10.88	275	P	Pn	05 57 56.0	+2.2			
RCP	Roxas	11.03	81	eP	Pn	05 57 57.2	+1.2			
IGBI	Denpasar	11.08	213	P	Pn	05 57 58.7	+2.1			
BLJI	Banyuglugur	11.18	222	P	Pn	05 57 59.5	+1.6			
JAGI	Jajag, Banyuw	11.37	218	P	Pn	05 58 03.1	+2.6			
JAGI	Jajag, Banyuw	11.37	218	P	Pn	05 58 01.6	+1.0			
JAGI	Jajag, Banyuw	11.37	218	P	Pn	05 58 02.9	+2.3			
GRJI	Gresik	11.41	229	P	Pn	05 58 03.3	+2.3			
FAKI	Fak Fak	11.62	107	Ph	Pn	05 58 02.7	-1.3			

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
WRAB	Tennant Creek	24.14	148	P	P	05 58 03.3	-0.7			
WRAB	Tennant Creek	24.14	148	I	I	05 58 02.5	-1.5			
WRAB	Tennant Creek	24.14	148	P	P	05 58 07.2	+2.6			
WRAB	Tennant Creek	24.14	148	P	P	05 58 10.7	+3.9			
WRAB	Tennant Creek	24.14	148	P	P	05 58 15.5	+2.0			
WRA	Warrungana Arr	24.14	148	P	P	05 58 19.2	+3.7			
WRA	Warrungana Arr	24.14	148	P	P	05 58 19.9	+2.2			
WRA	Warrungana Arr	24.14	148	P	P	05 58 24.8	+1.0			
WRA	Warrungana Arr	24.14	148	P	P	05 58 26.5	+2.7			
WB2	Warrungana Arr	24.15	148	P	P	05 58 25.6	+0.5			
TATO	Taipei	24.26	1	P	P	05 58 27.5	+2.1			
LHMI	Lhok Samawe	24.60	281	P	P	05 58 28.8	+2.2			
SNSI	Sinabang, Aceh	24.88	274	P	P	05 58 33.7	-1.1			
MLSI	Melutibab, Aceh	24.99	279	P	P	05 58 33.8	-2.0			
COEN	Coen	26.16	124	P	P	05 58 33.5	-2.3			
COEN	Coen	26.16	124	P	P	05 58 34.7	-2.5			
COEN	Coen	26.16	124	P	P	05 58 37.1	-1.1			
COEN	Coen	26.16	124	P	P	05 58 38.2	-0.3			
COEN	Coen	26.16	124	P	P	05 58 39.3	-0.2			
COEN	Coen	26.16	124	P	P	05 58 40.4	-0.1			
COEN	Coen	26.16	124	P	P	05 58 41.2	+0.1			
COEN	Coen	26.16	124	P	P	05 58 42.0	+0.2			
COEN	Coen	26.16	124	P	P	05 58 42.8	+0.3			
COEN	Coen	26.16	124	P	P	05 58 43.6	+0.4			
COEN	Coen	26.16	124	P	P	05 58 44.4	+0.2			
COEN	Coen	26.16	124	P	P	05 58 45.1	-0.8			
COEN	Coen	26.16	124	P	P	05 58 46.0	-0.1			
COEN	Coen	26.16	124	P	P	05 58 46.8	+0.8			
COEN	Coen	26.16	124	P	P	05 59 08.0	0.0			
COEN	Coen	26.16	124	P	P	05 59 10.1	+0.2			
COEN	Coen	26.16	124	P	P	05 59 09.6	-0.2			
COEN	Coen	26.16	124	P	P	05 59 09.9	+0.1			
COEN	Coen	26.16	124	P	P	05 59 09.1	+0.1			
COEN	Coen	26.16	124	P	P	05 59 17.5	+1.5			
COEN	Coen	26.16	124	P	P	05 59 17.3	+1.4			
COEN	Coen	26.16	124	P	P	05 59 17.9	+0.3			
COEN	Coen	26.16	124	P	P	05 59 18.2	+0.5			
COEN	Coen	26.16	124	P	P	05 59 17.6	-0.1			
COEN	Coen	26.16	124	P	P	05 59 22.3	+0.3			
COEN	Coen	26.16	124	P	P	05 59 24.5	+2.3			
COEN	Coen	26.16	124	P	P	05 59 23.6	+0.9			
COEN	Coen	26.16	124	P	P	05 59 24.8	+1.3			
COEN	Coen	26.16	124	P	P	05 59 24.6	+1.1			
COEN	Coen	26.16	124	P	P	05 59 24.3	+0.8			
COEN	Coen	26.16	124	P	P	05 59 26.8	+1.4			
COEN	Coen	26.16	124	P	P	05 59 35.8	0.0			

14d 5h

2017 MAR

Table with columns for station name, frequency, power, and status. Includes stations like Fort Forrest, CTAs, CTAs, CTAs, etc.

Table with columns for station name, frequency, power, and status. Includes stations like Roma, Dalian, Lanzhou, Beijing, etc.

Table with columns for station name, frequency, power, and status. Includes stations like XLT, XLT, XLT, etc.

Table with columns: Artist Name, Time, Date, and Performance Details. Includes entries like WMQ Urumqi, WMO comp=Z,130nm,0.9s, WMO comp=Z,690nm,4.5s, etc.

Table with columns: Artist Name, Time, Date, and Performance Details. Includes entries like PEA0B Petropavlovsk, PETK Petropavlovsk, SEM Semipalatinsk, etc.

Table with columns: Artist Name, Time, Date, and Performance Details. Includes entries like HATO Hatta, Dubai, HATO Hatta, Dubai, DMTO DMTO, etc.

K27K	Chicken	92.47	26	P	P	06 08 23.0	+0.5
I27K	Kandik River	92.48	24	P	P	06 08 22.6	0.0
L27K	Beaver Creek	92.69	27	Iamb	Iamb	06 08 25.1	
L27K	Beaver Creek	92.69	27	P	P	06 08 23.6	+0.1
EG2K	Edge Creek, AK	92.74	28	P	P	06 08 23.9	-0.1
MA7K	Eagle	92.78	25	Iamb	Iamb	06 08 24.6	
EGAK	Eagle	92.78	25	P	P	06 08 23.1	-0.7
KARP	Karpathos	92.92	30.5	pP	pP	06 08 49.1	+0.9
LSRZ	Lusaka	93.01	255	LR	LR	06 06 46.32.5	
LSZ	Lusaka	93.01	255	pP	pP	06 08 47.4	-1.4
CTG	China Glacier	93.16	29	P	P	06 08 26.0	+0.1
BVCY	Beaver Creek	93.21	27	P	P	06 08 25.9	-0.1
MLR	Muntele Rosu	93.25	315	P	P	06 08 24.4	-2.3
MLR	Muntele Rosu	93.25	315	LR	LR	07 00 00.2	
LOGN	Logan	93.34	29	Iamb	Iamb	06 09 00.6	
YUK3	Moose Creek	93.48	28	P	P	06 08 27.3	-0.2
BURAR	Bucovina Array	93.59	318	Iamb	Iamb	06 08 51.7	
BUR08	Bucovina Ar. S	93.60	318	Iamb	Iamb	06 08 51.5	
PABE	Paberze	93.61	326	P	P	06 08 26.9	-0.9
PABE	Paberze	93.61	326	pP	pP	06 08 27.3	-0.5
DAWY	Dawson	93.63	26	Iamb	Iamb	06 08 28.9	
DAWY	Dawson	93.63	26	P	P	06 08 27.6	-0.3
O28M	Mount Upton	93.74	29	P	P	06 08 28.9	+0.1
PINM	Pinnacle	93.81	30	P	P	06 08 28.9	+0.1
YUK8	Steele Glacier	93.88	29	P	P	06 08 29.4	+0.1
I29M	Ogilvie Camp	93.88	24	Iamb	Iamb	06 08 29.8	
I29M	Ogilvie Camp	93.88	24	P	P	06 08 28.1	-0.9
RAF	Rauna	94.06	33.1	eP	P	06 08 30.6	+0.8
J29M	Klonidke Camp	94.08	25	P	P	06 08 30.2	+0.2
PNL	Peninsula	94.29	30	P	P	06 08 30.9	-0.1
M29M	Somme Creek	94.31	27	P	P	06 08 31.0	-0.1
EPYK	Eagle Plains	94.34	23	Iamb	Iamb	06 08 31.5	
EPYK	Eagle Plains	94.34	23	P	P	06 08 30.2	-0.8
L29M	L29M	94.35	27	P	P	06 08 31.5	+0.3
YUK4	Talbot Arm	94.40	28	P	P	06 08 32.0	+0.3
G30M	Itoah Zraii Nji	94.41	23	P	P	06 08 30.0	-1.4
K29M	Barlow Dome	94.49	26	P	P	06 08 31.6	-0.3
YUK6	Outpost Mounta	94.60	29	P	P	06 08 32.7	+0.1
O29M	Mount Kennedy	94.60	29	P	P	06 08 32.6	+0.1
IDI	Anoyia	94.79	305	LR	LR	07 01 51.8	
HYT	Haines Junctio	95.04	29	Iamb	Iamb	06 09 00.3	
HYT	Haines Junctio	95.04	29	P	P	06 08 34.5	-0.1
M30M	Minto, Yukon	95.05	27	P	P	06 08 34.4	0.0
INK	Inuvik	95.11	21	LR	LR	06 53 56.2	
INK	Inuvik	95.11	21	Iamb	Iamb	06 08 34.8	
INK	Inuvik	95.11	21	P	P	06 08 33.4	-1.1
N30M	Aishkik Lake	95.12	28	P	P	06 08 34.9	+0.1
MAYO	Mayo, Yukon	95.25	26	P	P	06 08 35.0	-0.2
F31M	Tsigentich	95.25	22	P	P	06 08 33.7	-1.4
LBTB	Lobates	95.28	245	LR	LR	06 47 42.9	
P30M	Million Dollar	95.43	29	P	P	06 08 36.0	-0.2
BOSA	Boshof	95.45	241	LR	LR	06 51 08.4	
NOR	Nord	95.69	354	iP	P	06 08 35.1	-1.9
NOR	Nord	95.69	354	Iamb	Iamb	06 08 36.3	
O30N	Nendenflam	95.73	29	P	P	06 08 37.8	+0.2
N31M	Braeburn, Yuko	95.73	28	P	P	06 08 37.8	+0.3
PLBC	Pleasant Camp	95.85	30	P	P	06 08 37.5	-0.6
STHS	Stebnicka Huta	96.02	320	e	pP	06 09 00.4	-1.4
S31K	Pelican	96.20	32	P	P	06 08 39.4	-0.3
M31M	Drury Creek, Y	96.22	27	Iamb	Iamb	06 08 40.7	
M31M	Drury Creek, Y	96.22	27	P	P	06 08 38.9	-0.9
SKAG	Skagway	96.37	30	P	P	06 08 40.1	-0.3
R31K	City Hall, Gus	96.37	31	P	P	06 08 39.9	-0.5
A36M	Sachs Harbour	96.61	17	P	P	06 08 41.1	-0.1
FARO	Faro, Yukon	96.69	27	P	P	06 08 41.6	-0.2
SIT	Sitka	96.86	32	P	P	06 08 42.5	-0.2
R32K	Eaglecrest	97.03	31	P	P	06 08 43.0	-0.5
N32M	Quiet Lake	97.07	28	P	P	06 08 43.5	-0.2
JIS	Juneau Island	97.10	31	Iamb	Iamb	06 09 17.8	
P32M	Atlin	97.14	30	P	P	06 08 44.1	+0.1
S32K	Killsnoo	97.17	32	P	P	06 08 44.2	+0.1
P33M	Teslin, Yukon	97.43	29	Iamb	Iamb	06 08 46.5	
P33M	Teslin, Yukon	97.43	29	P	P	06 08 45.3	0.0
MMPY	Sheldon Lake	97.52	26	P	P	06 08 45.7	0.0
Q32M	Nakina River	98.01	30	P	P	06 08 47.3	-0.8
C36M	Paultuk	98.02	19	Iamb	Iamb	06 09 20.6	
C36M	Paultuk	98.02	19	P	P	06 08 46.8	-0.9
HFS	Hagfors	98.14	331	LR	LR	06 56 52.9	
T33K	Petersburg	98.19	32	P	P	06 08 47.9	-0.7
U33K	Whale Pass	98.26	33	P	P	06 08 48.8	-0.2
MORC	Moravsky Berou	98.34	320	P	P	06 08 49.1	-0.5
MORC	Moravsky Berou	98.34	320	pP	pP	06 09 11.2	-1.1
MORC	Moravsky Berou	98.34	320	PP	PP	06 08 49.1	-0.5
MORC	Moravsky Berou	98.34	320	PP	PP	06 09 11.2	-1.1
CRAK	Craig	98.41	34	P	P	06 08 50.0	+0.3
JAVC	Velka Javorina	98.42	320	ePDIFF	Pdf	06 08 50.3	+0.3
TAOE	Nuku Hiva Isla	98.69	99	eLR	LR	06 41 04.3	
KRLC	Kraliky	98.76	321	ePDIFF	P	06 08 50.6	-0.9

KRLC	Kraliky	98.76	321	eP	pP	06 09 11.6	-2.7
KRLC	Kraliky	98.76	321	eP	P	06 08 50.6	-0.9
S34M	Telegraph Cree	98.86	31	P	P	06 08 52.1	+0.4
DPC	Dobruska-Polom	98.89	321	ePDIFF	P	06 08 52.4	-0.1
DPC	Dobruska-Polom	98.89	321	eP	pP	06 09 14.9	-0.4
DPC	Dobruska-Polom	98.89	321	eP	P	06 08 52.4	-0.1
DPC	Dobruska-Polom	98.89	321	eP	pP	06 09 14.9	-0.4
OSTC	Ostas	99.02	321	ePDIFF	Pdf	06 08 53.0	+0.4
OSTC	Ostas	99.02	321	eP	P	06 08 53.0	+0.4
OSTC	Ostas	99.02	321	eP	P	06 09 15.0	
OSTC	Ostas	99.02	321	eP	P	06 08 53.0	+0.4
VRAC	Vranov	99.03	320	LR	LR	06 58 02.1	
VRAC	Vranov	99.03	320	LR	LR	06 58 02.1	
VRAC	Vranov	99.03	320	ePDIFF	Pdf	06 08 52.2	-0.5
VRAC	Vranov	99.03	320	ePDIFF	Pdf	06 09 14.7	
SUR	Sutherland	99.04	237	LR	LR	06 46 26.2	
NB2	NORSAR Subarra	99.05	332	P	P	06 08 50.4	-2.1
NB2	NORSAR Subarra	99.05	332	P	P	06 08 50.4	-2.1
NB2	NORSAR Subarra	99.05	332	P	P	06 08 50.4	-2.1
NOA	NORSAR Arak B	99.05	332	P	P	06 08 50.5	-2.1
NOA	NORSAR Arak B	99.05	332	P	P	06 08 50.5	-2.1
NOA	NORSAR Arak B	99.05	332	P	P	06 08 50.5	-2.1
NOA	NORSAR Arak B	99.05	332	P	P	06 08 50.5	-2.1
KRUC	Moravsky	99.21	320	ePDIFF	Pdf	06 08 53.1	-0.3
KRUC	Moravsky	99.21	320	ePDIFF	Pdf	06 09 15.9	
DLBC	Dease Lake	99.28	30	P	P	06 47 29.9	
DLBC	Dease Lake	99.28	30	P	P	06 08 54.1	+0.4
WTLY	Watson Lake, Y	99.39	28	Iamb	Iamb	06 09 28.3	
WTLY	Watson Lake, Y	99.39	28	P	P	06 08 54.3	+0.3
DAG	Danmarks Havn	99.57	351	iP	Iamb	06 08 52.0	-2.5
DAG	Danmarks Havn	99.57	351	iP	Iamb	06 08 53.5	
BRG	Bergliesshubel	100.36	322	eP	Amp	06 08 58.4	-0.1
BRG	Bergliesshubel	100.36	322	eP	Amp	06 08 59.3	
BRG	Bergliesshubel	100.36	322	eP	Amp	06 09 21.0	-0.3
BRG	Bergliesshubel	100.36	322	eP	Amp	06 09 21.9	
BRG	Bergliesshubel	100.36	322	eP	Amp	06 13 09.0	+3.5
BRG	Bergliesshubel	100.36	322	eP	Amp	06 13 10.3	
BRG	Bergliesshubel	100.36	322	eP	Amp	06 08 58.4	-0.1
BRG	Bergliesshubel	100.36	322	eP	Amp	06 13 09.0	
WRGLY	Wrigley	100.68	25	P	P	06 08 59.4	-0.2
WRGLY	Wrigley	100.68	25	P	P	06 08 59.4	-0.2
CLL	Collm	100.82	323	ePdif	Pdf	06 09 00.0	-0.6
CLL	Collm	100.82	323	ePdif	Pdf	06 09 22.0	-1.3
CLL	Collm	100.82	323	ePdif	Pdf	06 09 28.0	-4.3
CLL	Collm	100.82	323	ePdif	Pdf	06 13 06.0	
CLL	Collm	100.82	323	ePdif	Pdf	06 13 09.0	0.0
CLL	Collm	100.82	323	ePdif	Pdf	06 13 12.2	
CLL	Collm	100.82	323	ePdif	Pdf	06 13 31.0	
CLL	Collm	100.82	323	ePdif	Pdf	06 15 17.0	
CLL	Collm	100.82	323	ePdif	Pdf	06 23 12.0	
CLL	Collm	100.82	323	ePdif	Pdf	06 27 24.0	-6.4
CLL	Collm	100.82	323	ePdif	Pdf	06 31 18.0	
CLL	Collm	100.82	323	ePdif	Pdf	06 35 06.0	
CLL	Collm	100.82	323	ePdif	Pdf	06 09 00.0	-0.6
CLL	Collm	100.82	323	ePdif	Pdf	06 09 00.6	-0.2
GERES	GERES	100.91	29	P	P	06 09 00.8	-0.8
GERES	GERES	100.91	29	P	P	06 09 00.8	-0.8
GERES	GERES	100.91	29	P	P	06 13 10.0	-0.5
KHC	Kasperske Hory	101.00	320	ePDIFF	Pdf	06 09 00.6	-0.9
KHC	Kasperske Hory	101.00	320	ePDIFF	Pdf	06 09 00.6	-0.9
KOTAN	Kotanelee Air	101.62	28	P	P	06 09 03.2	-0.7
DBG	Daneborg	101.72	350	iP	Iamb	06 09 02.1	-2.0
DBG	Daneborg	101.72	350	iP	Iamb	06 09 03.8	
NEEM	North Greenlan						

Table with columns: HDL, R40A, WHTX, CCM, CCM, CCM, CCM, 435B, SFIN, AAM, T42A, MIAR, LONY, NATX, PKPM, ACSO, WCI, 053A, WVT, WVT, WVT, P52A, BINY, OXF, 161B, V48A, SSPA, HRV, LZLN, TRAL, BRAL, PLCA, PLCA, MT13, CFA, CRNB, LCO, LCO, CPCS, RCLB, IT06, ACON, ALGR, MECA, JTS, JTS, JTS, JTS, AZCA, ITAB, HUC, DBO1, GO02, TI01, VAS01, PET01, FRBT, CPUP, CPUP, CPUP, SPB, VAO, SJMB, PTGB, GUA01, BS0C, FRBT, RCLB, MCR1, LVC, LVC, LVC, NBLC, MTP, OTAV, CMBC, BDBF, LPAZ, YOTC, ZARC, PPIB, GARC, CHIC, SIV, SDV, SDV. Each row contains station name, coordinates, and various parameters.

IDC 14 06:01:50.1±3.6, 55.58N-86.18E, h0km, mbtmp2.7/2, ML2.0/2, Error ellipse: s-maj=30.4km s-min=24.8km az=42.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include I46RU, ZALV, ZALV, ZALV, KURBB, MKAR, MKAR.

IDC 14 06:13:40.1±1.4, 27.19N-141.10E, h0km, mb3.5/3, mbtmp3.8/4, ML4.5/1, MS3.7/2, Error ellipse: s-maj=29.7km s-min=21.2km az=92.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include AKCD, AKCD, AKCD.

Table with columns: CJCJ, CJCJ, JHJ, H11N2, H11N1, H11N3, H11S3, H11S1, H11S2, WRA, KDAK, ILAR, YKA, YKA. Each row contains station name, coordinates, and various parameters.

NCC 14 06:16:35.9±2.0, 54.34N-86.78E, h0km, mb3.9, mpv3.7, 10C-10D, Error ellipse: s-maj=19.0km s-min=10.7km az=179.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ZAAO, ZAAO, KURK, KURK, KURBB, KURBB, MK31, MK31, MAKZ, MAKZ, BVAO, BVAO, BRVK, BRVK, OTUK, OTUK.

IDC 14 06:18:52.9±9.6, 22.12S-69.21E, h0km, mb3.5/6, mbtmp3.5/6, MS3.7/3, Error ellipse: s-maj=51.4km s-min=33.3km az=53.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include H08S1, H08S2, H08S3, CMAR, ASAR, WRA, WRA, MKAR, KURBB, TORD, ZALV, SONM.

DDA 14 06:42:10.9±0.0, 37.64N-38.46E, h7km±1km, ML2.5, ISK 14 06:42:11.1, 37.61N-38.44E, h8km, ML2.9/12, ISK 14 06:42:11.4±0.9, 37.64N-38.44E±0.02, h9km±8km, n23, c084/39, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ATAB, ATAB, ATAB, ATAB, ATAB, NARI, NARI, NARI, HANM, HANM, HANM, HANM, URFA, URFA, AKCA, AKCA, AKCA, GZT, GZT, AKCD, AKCD, AKCD, YSS, YSS.

Table with columns: AKCD, NZIP, NZIP, NZIP, ELZG, ELZG, ELZG, GAZ, GAZ, KAHM, KAHM, KAHM, DARE, DARE, DARE, KMRS, KMRS, ELBS, ELBS, ELBS, DYBB, DYBB, ARPR, ARPR, KEMA, KEMA, KEMA, SARI, SARI, KOZT, KOZT, BNGB, BNGB, SVAN, SVAN, YAYL, YAYL.

IDC 14 06:54:43.2±3.0, 53.56N-87.80E, h0km, mbtmp2.8/2, ML2.0/2, Error ellipse: s-maj=24.7km s-min=15.2km az=61.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR.

BUI 14 06:56:35.7±0.0, 31.67N-141.84E, h9km, mb4.7/58, mb4.8/31, Ms4.4/33, Ms7.4/236, IDC 14 06:56:36.9±0.5, 31.65N-141.73E, h0km, mb4.5/35, mbtmp4.5/43, ML3.7/7, MS3.8/26, Error ellipse: s-maj=13.9km s-min=11.1km az=65.0

MOS 14 06:56:36.9±0.1, 31.64N-141.70E, h10km, mb5.0/32, Error ellipse: s-maj=10.2km s-min=4.8km az=111.9, NEIC 14 06:56:38.7±2.1, 31.63N-141.73E±0.09, h10km±1km, mb4.7/97, Error ellipse: s-maj=13.5km s-min=10.6km az=56.0

JMA 14 06:56:45.3±0.8, 32.12N-142.12E±1.14, h14km, MV4.0/29, E OFF HACHUJIMA ISLAND

NIED 14 06:56:45.3±2.16N-141.54E, h14km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^16Nm; Mn:0.52; Mw:0.09; Mw:0.43; Mw:1.08; Mw:0.13Nm; Mw:0.28; Fault plane solution: Ms1.19000x10^16 NPT: 0±291.00000°; 391.00000°; 7.9.00000°; NP2: 0±161.00000°; 315.00000°; 1.39.00000°

ISC 14 06:56:39.9±0.5, 31.79N-141.72E±0.06, h10km±299, c197/234, mb4.7/11, MS4.0/34, 18C-6D, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include JHCJ, JHJ, JHJ, JHJ, JHJ, JHJ, BS01, BS03, JOD2, JCJ, JCJ, JCJ, JRY, JHO, JAG, JGF, INU, MJAR, MJAR, MJAR, MAJO, MAJO, MAJO, MJB5, MJB5, JFK, JOTO, JOTO, JMM, JMM, JMM, JMK, JMK, JNU, JNU, JNU, JNU, JNU, JNU, ERM, ERM, ASAJ, ASAJ, KRSR, KRSR, JOW, JOW, USA0B, USA0B, USRK, USRK, YSS, YSS, YSS, YSS.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AFI Afiamalu, KIRV Kirov, BELG Belogornya, etc.

Table with columns: BRTR, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Keskin Array B, Preston Nutter, San Rafael SWE, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Manton Dam, Kakadu, Fak Fak, Kununurra, etc.

IDC 14 07:18:12.4 1.4, 2.3:07S, 170:01E, h0km, mb4.0/5, mbmp3.9/6, ML3.7/1, MS3.3/3, Error ellipse: s-maj=49.5km s-min=26.4km az=161.0

NOU 14 07:18:15.1, 23:04S: 170:07E, h120km, MLV4.4/10, Southeast of Loyalty Islands

ISC 14 07:18:15.7, 0.9, 23:1S: 170:10E, h25km, n32, s064/30, mb4.0/6, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Ouen Island, YATNC Mamie plateau, etc.

JMA 14 07:35:56.9, 0.2, 24°N, 122°02'E, h31km, 3km, TAIWAN REGION

TAP 14 07:35:58.3, 23°26'N, 122°03'E, h37km, ML3.3, C ISC 14 07:35:57.9, 1.0, 23.83N, 122.02E, h0.03, h32km, 8km, mb3.0/48/12, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like E054 E054, HWA Hwaiian, TWD Chiawan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIPB, ALS, ALS, TWB1, TWA, TWA, LIOB, LIOB, WNT, WNT, NSTT, NSTT, TATO, TATO, CHNS, CHNS, SXH1, SXH1, STYH, STYH, NMLH, NMLH, WCKO, WCKO, NCUH, NCUH, WDLH, WDLH, YM01, YM01, TPUB, TPUB, CHN4, CHN4, WRL, WRL, CHN1, CHN1, CHN1, CHN1, TWK, TWK, HATJ, HATJ, WSL, WSL, JKRS, JKRS, JJI, JJI, JISG, JISG, JTT, JTT.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DBBC, DBBC, SDV, SDV, ARGC, ARGC, ANIL, ANIL, ORTC, ORTC, APAC, APAC, SJCC, SJCC, LCBC, LCBC, MDP, MDP, TXAR, TXAR, YKA, YKA, ASAR, ASAR, WRA, WRA, KRVT, KRVT, PMG, PMG, WRA, WRA, ASAR, ASAR, ILAR, ILAR, TORD, TORD, ANF, ANF, NEIC, NEIC, ISC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAN12, KAN12, KAN12, KAN12, KAN08, KAN08, KAN08, KAN08, KAN06, KAN06, KAN06, KAN06, KAN05, KAN05, KAN01, KAN01, KAN14, KAN14, KAN17, KAN17, KAN17, KAN17, KAN17, KAN17, KS21, KS21, KAN09, KAN09, KAN09, KAN09, OK032, OK032, KS20, KS20, GC02, GC02, KAN13, KAN13, OK035, OK035, NOKA, NOKA, OK038, OK038, BLOK, BLOK, BLOK, BLOK, U32A, U32A, U32A, U32A, R32A, R32A, R32A, R32A, OK045, OK045, OK050, OK050, OK050, OK050, OK046, OK046, T35A, T35A, T35B, T35B, QUOK, QUOK, OK053, OK053, CSTR, CSTR, OK052, OK052, OK052, OK052, OK031, OK031.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OK034, OK034, OK030, OK030, CBKS, CBKS, DEOK, DEOK, KSU1, KSU1, KSU1, KSU1, KSU1, KSU1, TUL1, TUL1, TUL1, TUL1, WMOK, WMOK, WMOK, WMOK, U38A, U38A, X37A, X37A, HHAR, HHAR, HHAR, HHAR, JCT, JCT, IDC 14 08:39:13.3, IDC 14 08:39:21.5, JMA 14 08:39:21.5, NIED 14 08:39:21.5, NIAJ, NIAJ, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JFK, JFK, JMST, JMST, ONAJ, ONAJ, JMM, JMM, JFFD, JFFD, JOTO, JOTO, JIO, JIO, JHO, JHO, JIU, JIU, JFO, JFO, MJAR, MJAR, SONM, SONM, H11N2, H11N2, H11N1, H11N1, H11N3, H11N3, H11S1, H11S1, H11S3, H11S3, H11S2, H11S2, ZALV, ZALV, MKAR, MKAR, KURB8, KURB8, BVAR, BVAR, IDC 14 08:40:50.8, IDC 14 08:40:55.0, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S3, H11S3, H11S1, H11S1, H11S2, H11S2, KSRS, KSRS, KLR, KLR, SONM, SONM, WRA, WRA, ASAR, ASAR, STKA, STKA, ZALV, ZALV, MKAR, MKAR, KURB8, KURB8, ILAR, ILAR, BVAR, BVAR, INK, INK, YKA, YKA, ARCES, ARCES, NVAR, NVAR, FINES, FINES, IDC 14 08:47:22.7.

14d 9h

az=61.0
DJA 14 08:47:33.2,0.5,1°N,7°12'1E, h33km, 14km, M4,0/6,
mb4.2/1, MLv4.0/6
ISC 14 08:47:30.3,1.9,0.8N,0.2,121°12E,0.107,h35km,n8,
c338/8,mb3.1/3,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MRSI Marisa, MPSI Mapaga, GTOI Gorontalo, etc.

OSPL 14 08:58:31.7,2.8,19°96N,71°92W, h0km, 26km, ML2.3
SSNC 14 08:58:31.7,2.3,20°10N,71°51W, h5km, 31km, MD2.9,
ML2.0

ISC 14 08:58:30.9,1.5,20.02N,0.005,71.76W,0.005,h1km,13km,
n10,c1929/18,Dominican Republic region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LODA1 ITESIL, Dajabo, SDDR Presa de Saban, etc.

NEIC 14 09:10:40.3,1.7,54°55N,0°02,133°99W,0.07,h8km,4km,
ML2.7/14, ML2.7(OTI), Error ellipse: s-maj=5.9km
s-min=2.4km az=87.0

PGC 14 09:10:42.6,0.2,54°45N,133°92W, h23km, 2km, ML2.7/4,
124km Wnw of Masset, Bc Haida Gwaii Region
ISC 14 09:10:43.1,1.9,54°48N,0.04,133°81W,0.08,
h24km,15km,n21,c2642/27,Queen Charlotte Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LIB Langara Island, LIB Langara Island, NDB Naden, etc.

NEIC 14 09:13:25.8,1.8,3°28S,0°08,137°56E,0.08,h50km,7km,
mb5.0/70, Error ellipse: s-maj=13.4km s-min=10.7km
az=223.0

GCMT 14 09:13:26.8,0.4,2.94S,0°03,137°73E,0.03,h54km,2km,
MW4,9/55, Moment Tensor Solution. s28,c33; s55,c75;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr,2.14±.21;
Mw,1.81±.13; Ms,0.32±.16; Mo,0.66±.09; Mx,0.93±.09;
Mz,1.25±.10; Best double couple: Mo2.6160000, N1P2:
o=99.00000°,s34.00000°,s61.00000°,1.08,000000°. NP2:
o=99.00000°,s34.00000°,s61.00000°,1.60,000000°. Principal axes: T
2.6780, P1668.0000°, Azm281.0000°, N -0.1220,
P1616.0000°, Azm125.0000°, P -2.5540, P1614.0000°,
Azm30.0000°. nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

DJA 14 09:13:26.2,0.3,3°S,3°13'E, h67km, 3km, M4,8/45,
mb4.9/45, mb5.2/17, MLv5.1/7, Mw4.7/53, Mw(mb)4.6/17
IDC 14 09:13:26.2,2.2,3°22S,137°53E, h58km, 19km, mb4.1/18,
mbtmp4.4/21, ML4.4/2, MS3.9/27, Error ellipse:
s-maj=15.4km s-min=7.6km az=74.0

BUI 14 09:13:27.0,0.0,3°30S,137°60E, h70km, mb4.6/34,
mb5.2/14, Mb4.6/2, Ms7.4/24

ISC 14 09:13:25.5,0.3,3°25S,0°04,137°59E,0.05,h50km,n216,
c11921/10,mb4.8/59,MS4.0/24,1D,Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SMPI Sarmi, SRPI Serui, Papua, GENI Genyem, etc.

2017 MAR

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include FAKI Fak Fak, SIJI Sorong, BNDI Bandanaira, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like YOVA, IAZR, AKDM, etc.

DDA 14 09:34:57.1±0.0,39.55N;26.12E,h6km,ML2.0/15,Turkey

Main table for 14d 10h section, listing various seismic stations and their data points.

DJA 14 09:45:13.9±0.6,2.54S;4.128E,h109km,12km,M3.8/11

Table for DJA event, listing station names and their respective data.

IDC 14 10:05:24.6±2.2,0.41S;136.30E,h0km,mb3.2/2

Table for IDC event, listing station names and their respective data.

IDC 14 10:06:32.6±4.0,173.73S;173.36E,h586km,73km,mb2.9/4

Table for IDC event, listing station names and their respective data.

JMA 14 10:13:45.8±0.2,29.2N;0.7x12.9E,h18km,2km

Table for JMA event, listing station names and their respective data.

Main table for 2017 MAR section, listing various seismic stations and their data points.

IDC 14 10:20:23.9±2.0,15.14S;173.21W,h0km,mb3.6/7

IDC 14 10:20:28.7±1.9,15.05S;173.21W,h0.4,h29km,n17

Main table for 2017 MAR section, listing various seismic stations and their data points.

DNK 14 10:21:21.6±0.5,59.00N;18.21E,h0km,ML2.2(UPP)

HEL 14 10:21:21.9±0.3,59.00N;18.16E,h0km,ML1.8,Explosion

UPP 14 10:21:21.2±0.1,59.00N;18.21E,h0km,ML2.2,Suspected explosion

BER 14 10:21:22.5±1.6,59.01N;18.24E,h0km,ML1.7

IDC 14 10:21:23.3±2.7,59.01N;18.31E,h0km,mbt3.0/4

IDC 14 10:21:20.5±0.8,58.99N;0.02x18.18E±0.03,h0km,n55

Main table for 2017 MAR section, listing various seismic stations and their data points.

Main table for 2017 MAR section, listing various seismic stations and their data points.

ROM 14 10:24:59.1±0.0,42.765N;0.003;13.066E;0.004

ROM 14 10:24:59.1±0.0,42.765N;0.003;13.066E;0.004

Main table for 2017 MAR section, listing various seismic stations and their data points.

JMDO	Jabal Madar	21.21 223	P	P	11 11 59.0 +2.8
JMDO			P	P	11 11 59.0 +2.8
ARQ	Araraj	21.31 227	P	P	11 12 02.4 +5.2
ARQ			P	P	11 12 02.4 +5.2
BSY	Bisyay	21.40 225	P	P	11 12 02.6 +4.5
BSY			P	P	11 12 02.6 +4.5
NAX	Nakhchivan	21.63 279	P	P	11 12 03.0 +2.4
MOKO	MOKOCHONG	21.80 120	eP	P	11 12 04.9 +2.4
GNI	Garni	22.08 282	P	P	11 12 05.5 0.0
GNI			S	Sn	11 16 14.9 -4.4
GNI	Garni	22.08 282	P	P	11 12 05.7 +0.2
GNI			P	P	11 12 07.6 +2.1
GNI			P	P	11 12 08.0 +2.5
GNI	Garni	22.08 282	P	P	11 12 07.3 +1.7
HYB	Hyderabad	22.09 1670	eP	P	11 12 15.8
HYB			P	P	11 16 20.6
HYB			P	P	11 20 42.0
HYB			P	P	11 12 05.4 -1.2
BELG	Belogornoye	22.21 315	P	P	11 16 10.4 -0.1
BELG			P	P	11 22 23.5
BELG	Belogornoye	22.21 315	iP	P	11 12 05.7 -0.9
BELG			P	P	11 12 05.7 -0.9
BELG	Belogornoye	22.21 315	iP	P	11 12 05.7 -0.9
BELG			P	P	11 12 12.6 +3.4
MHTO	MHTO	22.43 221	P	P	11 12 12.6 +3.4
MHTO			P	P	11 12 12.6 +3.4
ZEI	Tsey	22.54 289	eP	P	11 12 09.5 -1.0
ZEI			P	P	11 12 14.7 +3.9
UMZA	Um Al Zomool	22.58 129	P	P	11 12 14.7 +3.9
UMZA			P	P	11 12 11.4 +0.6
BRDH	Baridialha	22.58 131	P	P	11 22 29.6
BRDH			P	P	11 12 14.8 +0.9
ONi	Oni	22.87 288	P	P	11 12 14.8 +0.9
ONi			P	P	11 12 14.8 +0.9
ONi			P	P	11 12 15.1 +0.8
AKH	Akhalkalaki	22.90 285	P	P	11 12 15.1 +0.8
AKH			P	P	11 12 14.3 +0.1
MOY	Mondy	22.91 48	eP	P	11 12 19.8 +2.1
MOY			P	P	11 12 17.7 -0.1
SAKB	Bahrain	23.24 242	P	P	11 12 19.8 +2.1
KBZ	Khabaz	23.27 291	P	P	11 16 33.5 +4.1
KBZ			P	P	11 23 29.6
KBZ	Khabaz	23.27 291	eP	P	11 12 17.5 -0.3
KBZ			P	P	11 12 19.3 +1.1
KARS	Kars	23.28 283	P	P	11 12 19.3 +1.1
KARS			P	P	11 12 20.7 +1.7
MZR	Muzira	23.37 232	P	P	11 12 20.7 +1.7
MZR			P	P	11 12 19.8 +0.5
NEY	Nezirino	23.40 290	iP	P	11 12 20.6 +1.1
NEY			P	P	11 16 40.4 +8.2
KVAR	Kislovodsk Arr	23.42 292	P	P	11 21 59.2
KVAR			P	P	11 12 21.2 +1.7
KVAR	Kislovodsk	23.43 292	P	P	11 12 21.2 +1.7
KVAR			P	P	11 12 21.1 +1.5
KVAR	Kislovodsk	23.43 292	eP	P	11 16 35.3 +3.0
KIV	Kislovodsk	23.43 292	P	P	11 12 22.0 +2.5
KIV			P	P	11 12 22.0 +2.5
KIV	Shidzhatmaz	23.45 291	iP	P	11 12 20.1 +0.2
KIV			P	P	11 12 22.9 +2.4
DOM	DQM	23.53 220	P	P	11 12 22.9 +2.4
GEVA	Gevas	23.66 278	P	P	11 12 23.1 +1.2
GEVA			P	P	11 12 35.6
SLWR	Sila	23.74 237	P	P	11 12 24.5 +1.9
ZAK	Zakamensk	23.84 52	eP	P	11 12 23.3 -0.2
ZAK			P	P	11 12 29.3 +1.9
LZH	Lanzhou	24.24 88	iP	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
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LZH			P	P	11 12 23.3 -0.2
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LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
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LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	11 12 24.5 +1.9
LZH			P	P	11 12 23.3 -0.2
LZH			P	P	11 12 29.3 +1.9
LZH			P	P	11 12 34.8 -1.0
LZH			P	P	11 13 02.8 +5.8
LZH			P	P	11 16 46.3 +0.5
LZH			P	P	11 17 35.9 +8.2
LZH			P	P	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like MYKA Terra Mystica, NKX Nova, PRED Kavel, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like AKN Aaknes, SNART Snartemo, UBR Ubertur, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like ASAJ Komp-Z,39nm,1.3s, JKA Kamikawa-asahi, CLF Chambon-Forêt, etc.

TNA	Tin City	65.40	24	P	P	11 17 51.9	-0.5
TNA	Tin City	65.40	24	P	P	11 17 53.0	+0.6
VOI	Voitsitsoka	65.63	27	P	LR	11 17 55.7	+1.2
SHEM	Shemya Is, Ala	66.27	41	LR	LR	11 17 56.0	
SFJD	Kangerlussuaq	66.00	339	P	P	11 17 56.3	+0.1
SFJD	Kangerlussuaq	66.00	339	P	P	11 17 56.9	
SFJD	Kangerlussuaq	66.00	339	P	P	11 17 56.3	+0.1
SFJD	Kangerlussuaq	66.00	339	P	P	11 17 55.4	-0.9
SFJD	Kangerlussuaq	66.00	339	P	P	11 17 56.6	
SFJD	Kangerlussuaq	66.00	339	P	P	11 17 56.1	-0.2
SFJD	Kangerlussuaq	66.00	339	P	P	11 18 12.9	+8.1
SJJI	Sorong	66.14	112	P	LR	11 48 32.1	
RES	Resolute Bay	66.21	357	LR	LR	11 49 11.5	
RES	Resolute Bay	66.21	357	LR	LR	11 49 11.5	
RES	Resolute Bay	66.21	357	LR	LR	11 49 11.5	
RES	Resolute Bay	66.21	357	LR	LR	11 49 11.5	
ANM	Nome	66.87	24	P	P	11 18 02.5	+0.6
ANM	Nome	66.87	24	P	P	11 18 02.5	+0.6
ANM	Nome	66.87	24	P	P	11 18 02.5	+0.6
ANM	Nome	66.87	24	P	P	11 18 02.5	+0.6
C24K	Franklin Bluff	67.18	15	P	P	11 18 04.4	+0.6
D23K	Nanushuk River	67.39	16	P	P	11 18 05.5	+0.3
TORD	Torodi Ar. Bea	67.69	269	P	P	11 18 07.5	-0.3
TORD	Torodi Ar. Bea	67.69	269	P	P	11 18 07.5	-0.3
TORD	Torodi Ar. Bea	67.69	269	P	P	11 18 07.7	-0.1
TORD	Torodi Ar. Bea	67.69	269	P	P	11 18 08.2	+0.9
E22K	Anaktuvuk Pass	67.82	17	P	P	11 18 07.8	-0.1
F21K	Alatna River	68.17	18	P	P	11 18 10.0	-0.1
C27K	Jago River	68.19	13	P	P	11 18 11.0	+0.8
F22K	John River	68.24	17	P	P	11 18 10.9	+0.3
E23K	Chandalar	68.36	16	P	P	11 18 11.4	0.0
A36M	Sachs Harbour	68.41	6	P	P	11 18 11.6	+0.2
A36M	Sachs Harbour	68.41	6	P	P	11 18 11.3	+0.3
E24K	Your Creek	68.59	16	P	P	11 18 13.0	+0.2
LSZ	Lusaka	68.65	227	LR	LR	11 48 19.1	
G21K	Allakaket	68.72	18	P	P	11 18 13.3	-0.3
G22K	Bettles	68.87	17	P	P	11 18 14.4	-0.1
COLD	Coldfoot	68.92	17	P	P	11 18 14.9	+0.1
COLD	Coldfoot	68.92	17	P	P	11 18 20.2	
COLD	Coldfoot	68.92	17	P	P	11 18 14.9	+0.1
IMAR	Indian Mountain	69.09	19	P	P	11 18 15.2	-0.6
E25K	Arctic Village	69.14	15	P	P	11 18 16.2	0.0
F24K	Squaw Lake	69.18	16	P	P	11 18 16.7	+0.2
GCSA	Galena City Sc	69.23	21	P	P	11 18 17.2	+0.5
G23K	Banzaan Creek	69.39	17	P	P	11 18 18.5	+0.8
F25K	Christian River	69.58	15	P	P	11 18 19.7	+0.8
H21K	Melozitna River	69.58	19	P	P	11 18 18.8	-0.1
H21K	Melozitna River	69.58	19	P	P	11 18 18.8	-0.1
E27K	Coleen River	69.83	13	P	P	11 18 20.9	+0.5
BMAR	Burnt Mountain	69.93	15	P	P	11 18 21.8	+0.8
G24K	Hadweenzic Riv	69.96	16	P	P	11 18 21.8	+0.5
I21K	Tanana	70.17	19	P	P	11 18 22.6	+0.1
I21K	Tanana	70.17	19	P	P	11 18 22.5	+0.1
G25K	Bearman Lake	70.20	16	P	P	11 18 23.6	+1.0
H23K	Yukon River	70.23	17	P	P	11 18 23.5	+0.6
H23K	Yukon River	70.23	17	P	P	11 18 23.4	+0.4
G26K	Porcupine River	70.51	15	P	P	11 18 25.0	+0.5
FYU	Fort Yukon	70.55	15	P	P	11 18 25.7	+0.9
FYU	Fort Yukon	70.55	15	P	P	11 18 25.7	+0.9
H24K	Noodor Dome	70.60	17	P	P	11 18 25.6	+0.4
H24K	Noodor Dome	70.60	17	P	P	11 18 25.7	+0.4
MLY	Manley	70.60	18	P	P	11 18 25.1	-0.1
MLY	Manley	70.60	18	P	P	11 19 08.1	
MLY	Manley	70.60	18	P	P	11 18 25.2	-0.1
I23K	Minto, Yukon-K	70.83	18	P	P	11 18 26.8	+0.2
I23K	Minto, Yukon-K	70.83	18	P	P	11 18 26.9	+0.3
INK	Inuvik	71.00	10	P	P	11 18 27.6	+0.1
INK	Inuvik	71.00	10	P	P	11 18 27.6	+0.1
INK	Inuvik	71.00	10	P	P	11 18 27.8	+0.3
INK	Inuvik	71.00	10	P	P	11 18 39.7	
INK	Inuvik	71.00	10	P	P	11 18 27.6	+0.1
G27K	Doyon Strip	71.04	14	P	P	11 18 28.4	+0.6
C36M	Paulatuk	71.07	6	P	P	11 18 27.5	-0.4
C36M	Paulatuk	71.07	6	P	P	11 18 34.0	
C36M	Paulatuk	71.07	6	P	P	11 18 27.1	-0.8
K20K	Telida	71.10	21	P	P	11 18 28.5	+0.3
K20K	Telida	71.10	21	P	P	11 18 28.8	+0.6
CHUM	Lake Minchumin	71.14	20	P	P	11 18 28.7	+0.3
MDM	Murphy Dome	71.26	17	P	P	11 18 29.2	0.0
MDM	Murphy Dome	71.26	17	P	P	11 18 39.4	
BPAW	Bear Paw Mtn.	71.30	19	P	P	11 18 29.2	-0.3
BPAW	Bear Paw Mtn.	71.30	19	P	P	11 19 25.3	
BPAW	Bear Paw Mtn.	71.30	19	P	P	11 18 29.2	-0.3
POKR	Poker Plat Res	71.31	17	P	P	11 18 29.9	+0.5
POKR	Poker Plat Res	71.31	17	P	P	11 18 35.2	
POKR	Poker Plat Res	71.31	17	P	P	11 18 30.0	+0.5
NEA2	Nenana	71.37	18	P	P	11 18 29.5	-0.3
NEA2	Nenana	71.37	18	P	P	11 18 29.5	-0.3
TCOL	CIGO, UAF Yank	71.42	17	P	P	11 18 29.8	-0.3
TCOL	CIGO, UAF Yank	71.42	17	P	P	11 18 36.7	
COLA	College	71.42	17	P	P	11 18 30.1	0.0
COLA	College	71.42	17	P	P	11 18 36.7	
COLA	College	71.42	17	P	P	11 18 30.1	0.0
COLA	College	71.42	17	P	P	11 18 30.1	0.0
COLA	College	71.42	17	P	P	11 18 30.1	0.0

COLA	College	71.42	17	P	P	11 18 29.8	-0.2
COLA	College	71.42	17	P	P	11 18 41.2	+2.5
COLA	College	71.42	17	P	P	11 18 46.0	-3.6
COLA	College	71.42	17	P	P	11 18 31.6	+0.5
H27K	Steamboat Moun	71.58	14	P	P	11 18 31.2	+0.1
CAST	Castle Rocks	71.58	20	P	P	11 18 31.2	+0.1
CAST	Castle Rocks	71.58	20	P	P	11 18 31.2	+0.1
BWN	Brown	71.62	18	P	P	11 18 31.4	0.0
WRH	Wood River Hill	71.70	18	P	P	11 18 31.1	-0.7
IL31	Elison Array	71.72	17	P	P	11 18 31.1	-0.8
ILAR	Elison Array	71.72	17	P	P	11 18 31.0	-1.0
ILAR	Elison Array	71.72	17	P	P	11 38 01.9	-1.5
ILAR	Elison Array	71.72	17	P	P	11 52 37.3	
KTH	Kantishna Hill	71.77	19	P	P	11 18 31.5	-0.9
KTH	Kantishna Hill	71.77	19	P	P	11 18 40.2	
F31M	Tsigheitchic	71.78	11	P	P	11 18 32.3	+0.1
G30M	IAoh Zrai Nji	71.83	12	P	P	11 18 32.4	-0.2
HDA	Harding Lake	72.02	17	P	P	11 18 32.3	-1.4
HDA	Harding Lake	72.02	17	P	P	11 18 32.4	-1.3
I26K	Coal Creek Min	72.07	15	P	P	11 18 34.2	+0.2
I26K	Coal Creek Min	72.07	15	P	P	11 18 34.2	+0.2
I27K	Kandik River	72.11	15	P	P	11 18 34.8	+0.4
MCK	McKinley	72.12	18	P	P	11 18 33.5	-0.9
MCK	McKinley	72.12	18	P	P	11 18 33.5	-0.9
MCK	McKinley	72.12	18	P	P	11 18 33.5	-0.9
MCK	McKinley	72.12	18	P	P	11 18 34.4	0.0
EPYK	Eagle Plains	72.30	12	P	P	11 18 34.3	-1.2
EPYK	Eagle Plains	72.30	12	P	P	11 19 39.7	
EPYK	Eagle Plains	72.30	12	P	P	11 18 35.2	-0.2
RND	Reindeer	72.41	19	P	P	11 18 35.1	-1.1
RND	Reindeer	72.41	19	P	P	11 20 16.3	
RND	Reindeer	72.41	19	P	P	11 18 35.1	-1.1
RND	Reindeer	72.41	19	P	P	11 18 35.1	-1.1
J26L	Joseph Creek	72.69	16	P	P	11 18 37.4	-0.4
J26L	Joseph Creek	72.69	16	P	P	11 18 37.7	-0.1
K24K	Donnelly Dome	72.81	17	P	P	11 18 37.9	-0.6
SKT	Skwentna	72.90	20	P	P	11 18 38.3	-0.8
SKT	Skwentna	72.90	20	P	P	11 18 43.0	
SKT	Skwentna	72.90	20	P	P	11 18 38.6	-0.5
I29M	Ogitive Camp,	72.95	13	P	P	11 18 39.0	-0.4
I29M	Ogitive Camp,	72.95	13	P	P	11 18 38.9	-0.4
SCRK	Sand Creek	73.06	16	P	P	11 18 40.0	-0.1
SCRK	Sand Creek	73.06	16	P	P	11 18 39.9	-0.1
RIDG	Independent Ri	73.07	17	P	P	11 18 39.4	-0.7
RIDG	Independent Ri	73.07	17	P	P	11 19 44.0	
RIDG	Independent Ri	73.07	17	P	P	11 18 39.4	-0.7
FRB	Frishober Bay	73.12	343	LR	LR	11 55 11.9	
DOT	Dot Lake	73.33	16	P	P	11 18 40.7	-0.9
DOT	Dot Lake	73.33	16	P	P	11 19 48.1	
K27K	Chicken	73.42	15	P	P	11 18 42.4	+0.3
K27K	Chicken	73.42	15	P	P	11 18 42.3	+0.3
PAX	Paxson	73.60	17	P	P	11 18 42.8	-0.5
PAX	Paxson	73.60	17	P	P	11 18 42.8	-0.5
PAX	Paxson	73.60	17	P	P	11 18 42.8	-0.5
PAX	Paxson	73.60	17	P	P	11 18 42.8	-0.5
SML	Sawmill	73.89	19	P	P	11 18 44.6	-0.2
SML	Sawmill	73.89	19	P	P	11 18 49.9	
SML	Sawmill	73.89	19	P	P	11 18 44.7	-0.2
DAWY	Dawson	73.92	14				

VA02 Isla de Pascua 167.83 12 PKPdf PKPab 11 27 12.9 -3.9
VA02 PKPab 11 28 21.6 -1.8

INET 14 11:23:58.6,0.5,12.34N,87.32W,h76km,3km,MW2.6
SNET 14 11:24:00.9,1.1,12.55N,87.27W,h77km,16km,ML3.0
ISC 14 11:23:59.2-1.7,12.32N,0.1x87.27W,0.06,h75km,15km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRIN San Cristobal, TELN Telica, CRGN Cerro Negro, etc.

IDC 14 11:27:12.4,0.8,50.33N,176.80E,h0km,mb4.0/15,
mbmp4.0/19,ML4.1/3,MS3.8/4,Error ellipse:
s-maj=20.1km s-min=14.5km az=178.0

NEIC 14 11:27:16.6,1.4,50.55N,0.09-176.92E,0.08,h13km,4km,
mb4.4/153,ML3.9(AEIC),Error ellipse: s-maj=13.3km
s-min=7.5km az=179.0

AEIC 14 11:27:19.3,2.8,50.29N,0.10-177.0E,0.1,h11km,4km,
Error ellipse: s-maj=14.9km s-min=9.3km az=158.0

ISC 14 11:27:15.0,5.0,50.52N,0.08-176.99E,0.05,h10km,n395,
a0583/388,mb4.4/91,MS3.9/3,Rat Islands

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMKA Amchitka, SHEM Shemya Is, SMY Shemya, etc.

Main table of station data with columns: K20K, Telida, Time, Res. Includes stations like CNPM China Poot, RDOG Red Dog Mine, RDOG Red Dog Spurr, etc.

Main table of station data with columns: J26L, Joseph Creek, Time, Res. Includes stations like J26L Joseph Creek, J26L Joseph Creek, F25K Christian River, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like HHC, YERR, HRY, WAKR, LRM, BBGB, HLID, MCMT, KVN, BOZ, BOZ, BOZ, LHV, MDPB, NVAR, NVAR, OMMB, NV11, TULEG, YHL, DSP, TPH, YNR, VES, LCH, PKM, H17A, CWC, NOR, RLMT, R11A, SC22, MPMC, S11A, FURC, SPR3, TPNV, LRMG, DWUC, EDW2, GWY, QSM, LAO, LAO, NEEM, BW06, BW06, PD31, PDAR, PDAR, PDAR, SHOC, GSC, GSC, BFSC, CIS, TUQ, BBRC, HEC, MURC, GMRC, LCMT, RDMU, PFO, PFO, TPFO, PMD, BNC, KNB, IRM, MONP2, BC3, W13A, U15A, IKP.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like O20A, PDMCI, RSSD, BLYC, BLVC, MDND, MDND, GLA, PV13, ULM, WUAZ, WUAZ, DAG, DAG, X16A, MVCO, ISCO, AGMN, AGMN, W18A, S22A, 214A, X18A, B35A, OGNE, SUMG, DBG, TUC, TUC, T25A, ANMO, ECSD, EYMN, 319A, 121A, SPMN, CBKS, WMQ, KURK, ICESG, N35A, MKAR, MKAR, MNTX, MSTX, GDL2, BRVK, WMOK, PZH, PZH, TX31, TX32, TX32, TXAR, TUL1, HDIL, SCHO, SCHO, JCT, SFIN, FCAR, O48B, W33A, WVT, M53A, OXF, OXF, MMYN, KSH, KSH, KK31, KKAR, KKAR, BINY, BINY, M57A, NC204, NC405, SSPA, SSPA, G62A.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like NB201, NB2, NOA, H62A, F63A, KSPA, PKME, TKL, LMN, KMS, TIGA, ONTNC, OUENC, WBO, WBO, WRA, ASAR, ASAR, BRTR, MSSA, JTS, IDC, STKA, ASAR, WRA, DDA, URFA, URFA, AZEY, AZEY, HANN, HANN, NARI, NARI, AKKA, AKKA, SURC, SURC, SURC, MAYA, GZT, GZT, GZT, NZIP, NZIP, NZIP, ELZG, ELZG, ELZG, GAZ, GAZ, KAHM, KAHM, KAHM, KMRS, KMRS, DARE, DARE, DARE, ELBS, ELBS, ELBS, DIYA, DIYA, DIYA, DYBB, DYBB, KUZU, KUZU, CUGUR, CUGUR, CUGUR, KAMA, KAMA, ARPR, KOVA, KEMA, HANI, HANI, HANI, TNCL, SARI, SARI, SARI, KOZT, SVAN, ERZN, BNGB, CEYIT, YEDI, YAYL, YAYL, VRTB.

Table with columns: BRTR, Keskim Array B, 85.24 309, P, P, 12 00 28.1 -0.8, etc. Includes various station names and coordinates.

IDC 14 11:52:16.8-0.7, 17.60Sx172.66W, h0km, mb4.5/14, mbtmp3.7/7, ML4.9/1, MS3.9/5, Error ellipse: s-maj=26.3km s-min=16.1km az=142.0, NEIC 14 11:52:18.5-2.6, 17.8S:0.1x172.25W:0.08, h10km, 1km, mb4.8/73, Error ellipse: s-maj=19.4km s-min=11.6km az=194.0, ISC 14 11:52:19.3-0.4, 17.82S:0.09x173.35W:0.07, h21km, n166, s105/162, mb4.8/56, MS3.6/8, SC, Tonga Islands region

Main table listing station data with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, AFI Afiamalu, MSFV Nonsavu, etc.

Main table listing station data with columns: J08A Circle Bar Ran, 78.37 37, P, Iamb, Iamb, 12 04 18.4 +0.1, etc. Includes stations like KSM Kuching, KSRS Korea Array, etc.

Main table listing station data with columns: ATD Arta Tunnel, 145.43 264, PKPdf, PKPbc, 12 11 56.4 -0.4, etc. Includes stations like OJC Ojcow, CLL Collin, etc.

IDC 14 11:54:05.7, 1.0, 8.61S: 157.74E, h0km, mb3.6/6, mbtmp3.7/7, ML4.9/1, Error ellipse: s-maj=35.0km s-min=23.2km az=143.0, ISC 14 11:54:07.2, 0.9, 8.6S:0.2x157.76E:0.10, h10km, n7, s156/68, mb3.76, Bougainville-Solomon Islands region

Main table listing station data with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, etc.

ROM 14 11:57:04.0-0.0, 42.859N:0.002, 12.907E:0.003, h11km, ML1.5/17, 8C-7D, Error ellipse: s-maj=0.2km s-min=0.1 km az=262.0, Central Italy

Main table listing station data with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like T1215 Vallo di Nera, T1215 Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like T1214, T1218 Civita (PG), T1218 Monte Mariano, T1218 Assisi San Ben, T1220 Camerino, Fraz, T1220 Arrone, T1211 Morro Reatino, T1211 Cesi, T1211 Roccafluvione, T1211 Esanatoglia, T1211 Pellescritta, T1211 Arpino.

ROM 14 11:58:03.7±0.1, 42°36'2N, 13°34'5E, 0°005, h10km, ML1.9/22, 8C-7D, Error ellipse: s-maj=0.4km s-min=0.3km az=52.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AQU L'Aquila, AQU Pellescritta, RM33 Campotosto, GIGS Gran Sasso, FIAM Fiamignano, FAGN Fagnano, T1222 Castel Sant'An.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TERO Teramo, TERO Pietraquaria, T1010 Collepietro, T1218 Civita (PG), T1218 Morro Reatino, T1211 Argata del Tr, T1212 Cascia, Frazio, T1212 Poggioldomo (PG), T1217 Cerreto, T1211 Roccafluvione, T1211 Muccia, Frazio, T1219 Cessapalombo, T1219 Muccia, Frazio, T1219 Fiume, T1220 Camerino, Fraz, APEC Apecchio, APEC Conchagua, LCND La Caada, BOAB BOACO BROADBAN, FAGO Alcalda de S.

INET 14 12:00:09.4±1.1, 13°08'N, 86°72'W, h3km, 10km, MW2.6 SNET 14 12:00:10.9±0.6, 13°09'N, 86°71'W, h13km, 23km, ML2.7 ISC 14 12:00:09.5±0.9, 13°09'N, 0°06:86:70W±0.04, h10km, n7, 0°50/12, Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CRIN San Cristobal, MATN Matagalpa, TGUH Tegucigalpa, CNCH Conchagua, LCND La Caada, BOAB BOACO BROADBAN, FAGO Alcalda de S, KOTY Kotybulak, KOTY Karabastau, KOTY Karabastau, KUU Kurly, KUU Kurly, AB31 Akbulak array.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DRK Karamyk, DRK baz=77, OHH Osh, OHH baz=41, BTK Baz=41, BTK baz=91, GAR Garm, GAR baz=63, GAR baz=63, ARK Arkit, ARK baz=38, ARK baz=98, ARLS Aral, ARLS baz=17, TRKS Terek-Say, TRKS baz=23, AML Almayashu, AML 0.5nm, 0.6s, AML 5.2nm, 0.7s, AML Almayashu, AML baz=6.0, NNRN Naryn, NNRN baz=43, UCH Uchter, UCH baz=17, MNAS Manas, MNAS baz=49, EKS2 Erkin-Say, EKS2 baz=6.0, MRKS Merka, MRKS 8.4nm, 0.6s, MRKS 1.9nm, 0.0s, MRKS 8.5nm, 0.1s, AAK Ala-Archa, AAK baz=15, IUG Iuzhnay, IUG 14nm, 0.5s, IUG 7.0nm, 0.9s, IUG Iuzhnay, IUG 14nm, 0.5s, TKM2 Tokmak 2, TKM2 7.9nm, 0.1s, TKM2 8.0nm, 1.4s, SGDS Sogindy, SGDS 1.5nm, 0.7s, SGDS 5.0nm, 0.8s, KST KasteK, KST 4.0nm, 0.8s, KST 11nm, 0.7s, KST KasteK, KST 4.0nm, 0.2s, KST 11nm, 0.2s, KK31 Karabulak Array, KK31 0.6nm, 0.3s, baz=138, slow=13, SNR=18, KK31 1.0nm, 0.3s, DGS Degeres, DGS 3.1nm, 0.7s, DGS 7.9nm, 0.9s, DGS 3.1nm, 0.7s, IZV Izvestkoviy, IZV 1.9nm, 0.4s, IZV 10nm, 0.7s, IZV Izvestkoviy, IZV 1.9nm, 0.2s, MTBS Maitube, MTBS 2.4nm, 0.4s, MTBS 7.9nm, 0.6s, MTBS 2.4nm, 0.4s, TNSS Tian-Shan, TNSS 3.4nm, 0.6s, TNSS 4.3nm, 0.5s, TNSS Tian-Shan, TNSS 2.9nm, 0.1s, TNSS 4.7nm, 0.4s, KRBS Karabastau, KRBS 1.6nm, 0.4s, KRBS 8.3nm, 1.0s, KRBS Karabastau, KRBS 1.6nm, 0.4s, KRBS 8.3nm, 1.0s, MDOK Medeo, MDOK 1.1nm, 0.4s, MDOK 6.9nm, 1.2s, MDOK Medeo, MDOK 2.1nm, 0.4s, MDOK 6.8nm, 0.2s, KOTY Kotybulak, KOTY 2.9nm, 0.6s, KOTY 25nm, 0.5s, KOTY Kotybulak, KOTY 2.9nm, 0.6s, KOTY 25nm, 0.5s, KTBS Karatobe, KTBS 1.6nm, 0.7s, KTBS 11nm, 0.9s, KTBS Karatobe, KTBS 1.6nm, 0.2s, KTBS 11nm, 0.1s, KUU Kurly, KUU 1.4nm, 1.1s, KUU 4.9nm, 0.6s, KUU Kurly, KUU 1.1nm, 0.1s, KUU 4.4nm, 0.2s, AB31 Akbulak array, AB31 0.5nm, 0.6s, baz=126, slow=13, SNR=5.5

IDC 14 12:07:56.2-1.6, 6.95N, 104.35W, h0km, mb3.8/9, mbtmp3.8/9, MS3.8/11, Error ellipse: s-maj=7.0, km s-min=20.7km az=56.0

NEIC 14 12:07:58.8-0.9, 6.9N, 104.3W, 0.2, h10km, 2km, mb4.3/32, Error ellipse: s-maj=2.2km s-min=18.2km az=241.0

ISC 14 12:07:57.5-1.2, 6.9N, 104.4W, 0.2, h10km, n55, 0.67/47, mb4.3/23, MS3.9/9, Galapagos Triple Junction region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations ARBE, NUR, KEF, etc.

IDC 14 12:16:29.7-1.0, 21.59S, 67.81W, h19km, 13km, mb3.7/2, mbtmp3.9/4, Error ellipse: s-maj=36.5km s-min=15.4km az=131.0

GUC 14 12:16:31.0-0.6, 21.57S, 68.29W, h147km, 5km, ML3.8, h132km, 10km, n21, c15938, 9C-12, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations PB09, LVC, LVC, etc.

BGR 14 12:36:40.5, 21.99S, 171.33E, h139km, MOS 14 12:36:42.3, 0.9, 20.97S, 170.02E, h135km, mb5.8/64, M4.5/4, Error ellipse: s-maj=7.1km s-min=6.1km az=98.0

BJI 14 12:36:42.1, 0.0, 20.79S, 169.86E, h133km, mb5.9/88, mb5.7/53

NEIC 14 12:36:43.3, 21.00S, 170.02E, h140km, Moment Tensor Solution, Duration: 3s Moment tensor: Scale 10^17Nm; Mn:2.42; Mw:0.05; Ms:2.38; Mo:1.77; Mw:1.43; Mw:0.04;

Fault plane solution: Ms:3.00000x10^17 NP1: 0.127, 64000, 360, 0000, 156, 65000. NP2: 0.41000, 43, 66000, 133, 59000. Principal axes: T 3, 014167, Plg60.0000, Azm347.0000; N -0.2362, Plg28.0000, Azm146.0000; P -3.1805, Plg9.0000, Azm241.0000;

NEIC 14 12:36:43.9, 1.9, 21.01S, 0.07E, 170.07E, 0.07, h127km, 1km, s-maj=12.8km s-min=11.2km az=158.0, Moment Tensor Solution, Moment tensor: Scale 10^17Nm; Mn:2.68; Mw:0.19; Ms:2.87; Mo:1.70; Mw:1.84; Mw:0.80; Fault plane solution: Ms:3.20000x10^17 NP1: 0.126, 13000, 353, 75000, 147, 82000. NP2: 0.366000, 853, 79000, 132, 87000. Principal axes: T 3.9103, Plg57.0000, Azm335.0000; N -0.1805, Plg33.0000, Azm155.0000; P -3.7298, Plg0.0000, Azm65.0000;

NEIC 14 12:36:43.3, 21.00S, 170.02E, h140km, IDC 14 12:36:43.1, 0.8, 21.03S, 170.05E, h134km, 6km, mb5.5/24, mbtmp5.6/27, MS4.3/26, Error ellipse: s-maj=10.4km s-min=7.9km az=157.0

NEIC 14 12:36:44.3, 21.00S, 170.02E, h123km, NOU 14 12:36:44.8, 20.96S, 169.95E, h140km, ML5.8/150, Vanuatu Islands

GCMT 14 12:36:46.3, 0.1, 21.04S, 0.01E, 169.89E, 0.01, h146km, MW5.6/157, Moment Tensor Solution, s146, c246; s157, c322; Duration: 1s6 Moment tensor: Scale 10^17 Nm; Mn:1.89; Ms:0.06; Mw:0.67; Mo:0.44; Mw:2.66; Mw:1.74; Ms:1.71; Mo:1.04; Mw:0.54; Mo:0.30; Best double couple: Ms:3.92000x10^17 NP1: 0.123, 00000, 360, 00000, 141, 00000. NP2: 0.10000, 856, 00000, 143, 00000. Principal axes: T 3.4790, Plg49.0000, Azm339.0000; N -0.1730, Plg11.0000, Azm154.0000; P -3.3060, Plg2.0000, Azm246.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 12:36:45.0-0.2, 21.04S, 0.03E, 170.03E, 0.03, h140km, 1km, h140km, PP-P, N2039, c1512165, mb5.8/371, 156C-46D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations LIFNC, PINNC, YATNC, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like HEC, GCSA, DIVA, GO10, CAST, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MCARA, MCK, MCK, MCK, MCK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like R32K, PLBC, I23K, YUK8, CCB, JIS, etc.

14d 13h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KDJ, KDJ, KDJ, USP, USP, USP, etc.

2017 MAR

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BLB, TDK, TDK, TDK, THN, THN, THN, etc.

808

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

HEL 14:13:59.50:5.0, 61.05N:27.99E, h0km, ML1,3, Explosion, Finland

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VJF, VJF, VJF, RUF, RUF, RUF, etc.

BUI 14:13:35.6:0.0, 3.63N:95.76E, h52km, mb5.4/82, m85.1/56, MS4.9/81, Ms7.4/876

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARU, ARU, GNI, GNI, BELG, BELG, KIV, KIV, etc.

GCMT 14:13:40.3:0.2, 3.59N:0.01:95.71E:0.01, h39km, MW5.3/110, Moment Tensor Solution, s73.113

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MLI, MLI, SNI, SNI, SNI, etc.

ISC 14:13:37.0:0.2, 3.63N:95.81E:0.03, h45km, 1km, h45km:pp-P, n1395, e1322/1525, mb5.4/318, MS4.7/107, 84C-45, Off west coast of northern Sumatra

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MLI, MLI, SNI, SNI, SNI, etc.

RAYN	Ar Rayn	52.41 297	P	P	13 22 46.4 +1.0
RAYN	Ar Rayn	52.41 297	P	P	13 22 47.8 +2.3
RAYN	Ar Rayn	52.41 297	P	P	13 22 46.9 +1.5
RAYN	Ar Rayn	52.41 297	P	P	13 22 58.2 +0.6
RAYN	Ar Rayn	52.41 297	P	P	13 23 03.3 +0.5
RAYN	Ar Rayn	52.41 297	P	P	13 23 53.8 -2.1
MTSU	Mount Surprise	52.45 116	P	P	13 22 46.0 +0.3
BBOO	Buckleboo	52.58 137	P	P	13 22 46.7 +0.3
BBOO	Buckleboo	52.58 137	P	P	13 22 46.5 0.0
PMG	Port Moresby	52.78 105	LR	LR	13 48 39.7
PMG	Port Moresby	52.78 105	P	P	13 22 48.2 +0.1
PMG	Port Moresby	52.78 105	IAMB	IAMB	13 22 49.5
PMG	Port Moresby	52.78 105	ceP	P	13 22 48.4 +0.2
PMG	Port Moresby	52.78 105	pmax	pmax	
PMG	Port Moresby	52.78 105	p	p	13 22 48.2 +0.1
PMG	Port Moresby	52.78 105	sP	sP	13 23 04.2 -1.5
PMG	Port Moresby	52.78 105	s	s	13 22 50.3 +1.6
ABPO	Ambohimpanom	52.83 243	P	P	13 23 04.1
ABPO	Ambohimpanom	52.83 243	IAMB	IAMB	13 23 04.1
ABPO	Ambohimpanom	52.83 243	P	P	13 22 50.3 +1.6
ABPO	Ambohimpanom	52.83 243	pmax	pmax	
ABPO	Ambohimpanom	52.83 243	LR	LR	13 22 50.1 +1.5
ATD	Arta Tunnel	53.02 282	LR	LR	13 42 31.8
JMM	Marumori	53.34 44	P	P	13 22 51.7 -0.2
HEH	HeiHe	53.57 25	ceP	P	13 22 53.5 +0.1
HEH	HeiHe	53.57 25	pP	pP	13 23 05.1 -0.8
HEH	HeiHe	53.57 25	pp	pp	13 24 53.0 -1.4
HEH	HeiHe	53.57 25	S	S	13 30 24.1 +0.7
HEH	HeiHe	53.57 25	SS	SS	13 34 02.1 -2.3
HEH	HeiHe	53.57 25	pmax	pmax	
HEH	HeiHe	53.57 25	pmax	pmax	
HEH	HeiHe	53.57 25	LR	LR	13 22 53.1 -0.4
HEH	HeiHe	53.57 25	P	P	13 22 53.1 -0.4
BRVK	Borovyoye	53.58 341	P	P	13 22 53.1 -0.4
BRVK	Borovyoye	53.58 341	P	P	13 22 53.1 -0.4
BRVK	Borovyoye	53.58 341	pmax	pmax	
BRVK	Borovyoye	53.58 341	P	P	13 22 53.3 -0.1
ABKAR	Akbulak array	54.75 332	LR	LR	13 23 02.1 +0.2
KLR	Kul'dur	54.75 28	LR	LR	13 49 30.0
KLR	Kul'dur	54.75 28	ceP	P	13 23 02.7 +0.7
KLR	Kul'dur	54.75 28	pmax	pmax	
KLR	Kul'dur	54.75 28	MLR	MLR	13 48 44.2
CTA	Charters Tower	54.83 118	LR	LR	13 23 03.7 +0.6
CTAO	Charters Tower	54.83 118	IAMB	IAMB	13 23 05.2
CTAO	Charters Tower	54.83 118	P	P	13 23 03.7 +0.6
CTAO	Charters Tower	54.83 118	pmax	pmax	
CTAO	Charters Tower	54.83 118	p	p	13 23 03.8 +0.6
CTAO	Charters Tower	54.83 118	pP	pP	13 23 15.3 -0.3
CTAO	Charters Tower	54.83 118	sP	sP	13 23 20.1 -0.6
HTT	Hallett	54.91 136	P	P	13 23 04.3 +0.8
JTM	Tenmabayashi	54.95 41	P	P	13 23 04.3 +0.7
QLP	Quilpie	55.59 126	P	P	13 23 09.6 +1.1
BOD	Bodaibo	55.91 12	ceP	P	13 23 09.8 -0.4
BOD	Bodaibo	55.91 12	pmax	pmax	
STKA	Stevens Creek	56.01 133	P	P	13 23 12.0 +0.7
STKA	Stevens Creek	56.01 133	P	P	13 23 12.0 +0.7
STKA	Stevens Creek	56.01 133	LR	LR	13 49 36.7
STKA	Stevens Creek	56.01 133	P	P	13 23 12.1 +0.7
STKA	Stevens Creek	56.01 133	P	P	13 23 11.8 +0.5
ZEA	Zeya	56.19 22	ceP	P	13 23 13.1 +0.8
ZEA	Zeya	56.19 22	e	e	13 23 28.0
ZEA	Zeya	56.19 22	pmax	pmax	
ZEA	Zeya	56.19 22	pmax	pmax	
ZEA	Zeya	56.19 22	pmax	pmax	
ZEA	Zeya	56.19 22	MLR	MLR	13 23 18.2 +0.5
ZEA	Zeya	56.19 22	MLR	MLR	13 23 27.0
ZEA	Zeya	56.19 22	MLR	MLR	13 23 18.5 +0.8
ZEA	Zeya	56.19 22	MLR	MLR	13 23 20.1 +0.6
AKT	Akhty	57.15 318	ceP	P	13 23 30.0 +1.0
AKT	Akhty	57.15 318	e'PP	pP	13 23 38.6 +1.5
AKT	Akhty	57.15 318	e'SP	sP	13 24 13.1
AKT	Akhty	57.15 318	e	e	
ASAJ	Asahikawa	57.60 38	LR	LR	13 49 16.4
ASAJ	Asahikawa	57.60 38	LR	LR	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	P	P	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	pmax	pmax	
JKA	Kamikawa-asahi	57.60 38	P	P	13 23 22.9 +0.4
GRNR	Gorny	58.02 291	iP	P	13 23 25.9 +0.6
GRNR	Gorny	58.02 291	pmax	pmax	
GRNR	Gorny	58.02 291	MLR	MLR	13 48 39.1
GRNR	Gorny	58.02 291	MLR	MLR	13 49 02.5
GRNR	Gorny	58.02 291	MLR	MLR	13 23 18.3 +0.6
RABL	Rabaul	58.02 41	P	P	13 23 18.2 +0.5
ERM	Erimo	58.02 41	IAMB	IAMB	13 23 27.0
ERM	Erimo	58.02 41	iP	P	13 23 18.5 +0.8
ERM	Erimo	58.02 41	pmax	pmax	
AKT	Akhty	57.15 318	ceP	P	13 23 20.1 +0.6
AKT	Akhty	57.15 318	e'PP	pP	13 23 30.0 +1.0
AKT	Akhty	57.15 318	e'SP	sP	13 23 38.6 +1.5
AKT	Akhty	57.15 318	e	e	13 24 13.1
ASAJ	Asahikawa	57.60 38	LR	LR	13 49 16.4
ASAJ	Asahikawa	57.60 38	LR	LR	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	P	P	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	pmax	pmax	
JKA	Kamikawa-asahi	57.60 38	P	P	13 23 22.9 +0.4
GRNR	Gorny	58.02 291	iP	P	13 23 25.9 +0.6
GRNR	Gorny	58.02 291	pmax	pmax	
GRNR	Gorny	58.02 291	MLR	MLR	13 48 39.1
GRNR	Gorny	58.02 291	MLR	MLR	13 49 02.5
GRNR	Gorny	58.02 291	MLR	MLR	13 23 18.3 +0.6
RABL	Rabaul	58.02 41	P	P	13 23 18.2 +0.5
ERM	Erimo	58.02 41	IAMB	IAMB	13 23 27.0
ERM	Erimo	58.02 41	iP	P	13 23 18.5 +0.8
ERM	Erimo	58.02 41	pmax	pmax	
AKT	Akhty	57.15 318	ceP	P	13 23 20.1 +0.6
AKT	Akhty	57.15 318	e'PP	pP	13 23 30.0 +1.0
AKT	Akhty	57.15 318	e'SP	sP	13 23 38.6 +1.5
AKT	Akhty	57.15 318	e	e	13 24 13.1
ASAJ	Asahikawa	57.60 38	LR	LR	13 49 16.4
ASAJ	Asahikawa	57.60 38	LR	LR	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	P	P	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	pmax	pmax	
JKA	Kamikawa-asahi	57.60 38	P	P	13 23 22.9 +0.4
GRNR	Gorny	58.02 291	iP	P	13 23 25.9 +0.6
GRNR	Gorny	58.02 291	pmax	pmax	
GRNR	Gorny	58.02 291	MLR	MLR	13 48 39.1
GRNR	Gorny	58.02 291	MLR	MLR	13 49 02.5
GRNR	Gorny	58.02 291	MLR	MLR	13 23 18.3 +0.6
RABL	Rabaul	58.02 41	P	P	13 23 18.2 +0.5
ERM	Erimo	58.02 41	IAMB	IAMB	13 23 27.0
ERM	Erimo	58.02 41	iP	P	13 23 18.5 +0.8
ERM	Erimo	58.02 41	pmax	pmax	
AKT	Akhty	57.15 318	ceP	P	13 23 20.1 +0.6
AKT	Akhty	57.15 318	e'PP	pP	13 23 30.0 +1.0
AKT	Akhty	57.15 318	e'SP	sP	13 23 38.6 +1.5
AKT	Akhty	57.15 318	e	e	13 24 13.1
ASAJ	Asahikawa	57.60 38	LR	LR	13 49 16.4
ASAJ	Asahikawa	57.60 38	LR	LR	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	P	P	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	pmax	pmax	
JKA	Kamikawa-asahi	57.60 38	P	P	13 23 22.9 +0.4
GRNR	Gorny	58.02 291	iP	P	13 23 25.9 +0.6
GRNR	Gorny	58.02 291	pmax	pmax	
GRNR	Gorny	58.02 291	MLR	MLR	13 48 39.1
GRNR	Gorny	58.02 291	MLR	MLR	13 49 02.5
GRNR	Gorny	58.02 291	MLR	MLR	13 23 18.3 +0.6
RABL	Rabaul	58.02 41	P	P	13 23 18.2 +0.5
ERM	Erimo	58.02 41	IAMB	IAMB	13 23 27.0
ERM	Erimo	58.02 41	iP	P	13 23 18.5 +0.8
ERM	Erimo	58.02 41	pmax	pmax	
AKT	Akhty	57.15 318	ceP	P	13 23 20.1 +0.6
AKT	Akhty	57.15 318	e'PP	pP	13 23 30.0 +1.0
AKT	Akhty	57.15 318	e'SP	sP	13 23 38.6 +1.5
AKT	Akhty	57.15 318	e	e	13 24 13.1
ASAJ	Asahikawa	57.60 38	LR	LR	13 49 16.4
ASAJ	Asahikawa	57.60 38	LR	LR	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	P	P	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	pmax	pmax	
JKA	Kamikawa-asahi	57.60 38	P	P	13 23 22.9 +0.4
GRNR	Gorny	58.02 291	iP	P	13 23 25.9 +0.6
GRNR	Gorny	58.02 291	pmax	pmax	
GRNR	Gorny	58.02 291	MLR	MLR	13 48 39.1
GRNR	Gorny	58.02 291	MLR	MLR	13 49 02.5
GRNR	Gorny	58.02 291	MLR	MLR	13 23 18.3 +0.6
RABL	Rabaul	58.02 41	P	P	13 23 18.2 +0.5
ERM	Erimo	58.02 41	IAMB	IAMB	13 23 27.0
ERM	Erimo	58.02 41	iP	P	13 23 18.5 +0.8
ERM	Erimo	58.02 41	pmax	pmax	
AKT	Akhty	57.15 318	ceP	P	13 23 20.1 +0.6
AKT	Akhty	57.15 318	e'PP	pP	13 23 30.0 +1.0
AKT	Akhty	57.15 318	e'SP	sP	13 23 38.6 +1.5
AKT	Akhty	57.15 318	e	e	13 24 13.1
ASAJ	Asahikawa	57.60 38	LR	LR	13 49 16.4
ASAJ	Asahikawa	57.60 38	LR	LR	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	P	P	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	pmax	pmax	
JKA	Kamikawa-asahi	57.60 38	P	P	13 23 22.9 +0.4
GRNR	Gorny	58.02 291	iP	P	13 23 25.9 +0.6
GRNR	Gorny	58.02 291	pmax	pmax	
GRNR	Gorny	58.02 291	MLR	MLR	13 48 39.1
GRNR	Gorny	58.02 291	MLR	MLR	13 49 02.5
GRNR	Gorny	58.02 291	MLR	MLR	13 23 18.3 +0.6
RABL	Rabaul	58.02 41	P	P	13 23 18.2 +0.5
ERM	Erimo	58.02 41	IAMB	IAMB	13 23 27.0
ERM	Erimo	58.02 41	iP	P	13 23 18.5 +0.8
ERM	Erimo	58.02 41	pmax	pmax	
AKT	Akhty	57.15 318	ceP	P	13 23 20.1 +0.6
AKT	Akhty	57.15 318	e'PP	pP	13 23 30.0 +1.0
AKT	Akhty	57.15 318	e'SP	sP	13 23 38.6 +1.5
AKT	Akhty	57.15 318	e	e	13 24 13.1
ASAJ	Asahikawa	57.60 38	LR	LR	13 49 16.4
ASAJ	Asahikawa	57.60 38	LR	LR	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	P	P	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	pmax	pmax	
JKA	Kamikawa-asahi	57.60 38	P	P	13 23 22.9 +0.4
GRNR	Gorny	58.02 291	iP	P	13 23 25.9 +0.6
GRNR	Gorny	58.02 291	pmax	pmax	
GRNR	Gorny	58.02 291	MLR	MLR	13 48 39.1
GRNR	Gorny	58.02 291	MLR	MLR	13 49 02.5
GRNR	Gorny	58.02 291	MLR	MLR	13 23 18.3 +0.6
RABL	Rabaul	58.02 41	P	P	13 23 18.2 +0.5
ERM	Erimo	58.02 41	IAMB	IAMB	13 23 27.0
ERM	Erimo	58.02 41	iP	P	13 23 18.5 +0.8
ERM	Erimo	58.02 41	pmax	pmax	
AKT	Akhty	57.15 318	ceP	P	13 23 20.1 +0.6
AKT	Akhty	57.15 318	e'PP	pP	13 23 30.0 +1.0
AKT	Akhty	57.15 318	e'SP	sP	13 23 38.6 +1.5
AKT	Akhty	57.15 318	e	e	13 24 13.1
ASAJ	Asahikawa	57.60 38	LR	LR	13 49 16.4
ASAJ	Asahikawa	57.60 38	LR	LR	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	P	P	13 23 22.9 +0.4
ASAJ	Asahikawa	57.60 38	pmax	pmax	
JKA	Kamikawa-asahi	57.60 38	P	P	13 23 22.9 +0.4
GRNR	Gorny</				

Table with columns: Station, Frequency, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like TIXI, KOUNC, TLCR, THRR, etc.

Table with columns: Station, Frequency, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARCR, BOSHA, BOSHA, BOSHA, etc.

Table with columns: Station, Frequency, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARCES, A050A, CUC, SHERM, etc.

RIDG	comp=Z,44nm,2.0s	99.28	23	P	Pdf	13 27 13.9	-0.2
PAXL	baz=298	99.39	24	P	Pdf	13 27 14.6	0.0
J62X	baz=298	99.41	22	P	Pdf	13 27 14.6	-0.1
TULEG	Thule	99.46	356	i	Pdf	13 27 14.6	+0.1
SCRK	comp=Z,4.7nm,0.8s	99.50	23	P	Pdf	13 27 14.8	-0.3
SCRK	baz=299	99.50	23	P	Pdf	13 27 15.0	-0.1
I27K	Kandik River	99.56	21	P	Pdf	13 27 15.6	+0.3
HARF	HAARP	99.79	24	P	Pdf	13 27 16.5	+0.2
KLU	baz=298	99.88	25	P	Pdf	13 27 17.2	+0.4
A36M	Sachs Harbour	100.04	12	P	Pdf	13 27 17.3	+0.1
EGAK	Eagle	100.16	21	P	Pdf	13 27 18.2	+0.3
K27K	Chicken	100.20	22	P	Pdf	13 27 18.3	+0.2
L26K	Log Cabin Wild	100.22	23	P	Pdf	13 27 18.1	-0.1
KULLO	Kullorsuaq	100.22	353	i	Pdf	13 27 18.7	+0.7
EYAK	comp=Z,16nm,1.1s	100.38	26	P	Pdf	13 27 19.0	0.0
N25K	Chitina, Valde	100.39	25	P	Pdf	13 27 19.0	-0.1
INK	Inuvik	100.57	17	P	Pdf	13 27 19.3	-0.3
INK	comp=Z,3.7nm,0.7s, baz=322,slow=4.8,SNR=23					13 31 24.0	-2.4
INK	comp=Z,4.9nm,1.2s, baz=298,slow=16,SNR=4.6					13 31 46.0	+0.2
INK	comp=Z,1.4nm,0.8s, baz=262,slow=8.1,SNR=3.3					13 27 20.1	+0.5
G30M	IAoh Zraii Nji	100.58	18	P	Pdf	13 27 19.6	-0.2
M23K	Middleton Isla	100.61	27	P	Pdf	13 27 19.6	-0.4
Q26K	Nabesna, AK	100.67	24	P	Pdf	13 27 20.4	+0.2
EPYK	Eagle Plains	100.79	19	P	Pdf	13 27 20.1	-0.7
L27K	Beaver Creek, baz=301	100.80	23	P	Pdf	13 27 20.8	0.0
F31M	Tsiigethtich	101.06	17	P	Pdf	13 27 21.9	+0.1
M27K	Edge Creek, AK	101.14	24	P	Pdf	13 27 22.9	+0.4
DAWY	Dawson	101.19	22	P	Pdf	13 27 22.3	-0.3
BVCY	Beaver Creek	101.52	23	P	Pdf	13 27 24.0	0.0
K29M	Barlow Dome	102.00	21	P	Pdf	13 27 26.5	+0.3
CTG	Chitna Glacier	102.08	25	P	Pdf	13 27 26.8	+0.1
L29M	L29M	102.19	22	P	Pdf	13 27 27.2	+0.1
C36M	Paulatuk	102.30	13	P	Pdf	13 27 28.0	+0.7
M30M	Minto, Yukon	103.00	22	P	Pdf	13 27 31.2	+0.6
WRGLY	Wrigley	107.09	17	P	PKiKp	13 31 59.2	+1.3
WTLY	Watson Lake, Y	107.54	22	P	PKiKp	13 31 59.7	+0.9
S34M	Telegraph Cree	108.09	24	P	PKiKp	13 32 00.7	+0.8
T35M	Bob Quinn	109.06	25	P	PKiKp	13 32 02.0	+0.3
YKA	Yellowknife Ar	110.12	14	Pdf		13 28 03.2	+1.0
YKA	comp=Z,0.8nm,0.9s, baz=320,slow=2.1,SNR=7.3					13 32 02.9	-0.7
YKA	comp=Z,0.6nm,0.8s, baz=294,slow=1.9,SNR=4.4					13 32 03.3	-6.7
YKA	comp=Z,0.3nm,0.8s, baz=151,slow=1.1,SNR=6.4					13 43 05.2	-2.6
YKA	comp=Z,0.5nm,0.9s, baz=144,slow=3.6,SNR=5.8					13 43 20.6	+2.7
TBI	Tubuaj	111.11	114	eLR	LR	14 06 28.4	
TBI	comp=Z,1.1m,23.8s					14 06 29.2	
PPT2	Papeete2	114.54	108	eLR	LR	14 06 41.5	
PPT2	comp=Z,308nm,30.5s					14 06 41.7	
FCC	Fort Churchill	117.31	6	PKPdf	PKPdf	13 32 17.1	-0.3
FCC	Fort Churchill	117.31	6	PKiKp	PKPdf	13 32 17.1	-0.3
SCHO	Schefferville	119.99	349	PKP	PKiKp	13 32 22.9	+0.1
SCHO	comp=Z,5.7nm,0.8s, baz=51,slow=3.9,SNR=11					13 33 46.1	-0.4
FFC	Fin Flin	120.00	12	PKP	PKPdf	13 32 22.4	-0.3
FFC	Fin Flin	120.00	12	PKiKp	PKPdf	13 32 22.4	-0.3
LTY	Liberty	120.04	28	PKP	PKPdf	13 32 23.0	-0.1
NEW	Newport	120.86	25	PKP	PKPdf	13 32 24.7	0.0
NEW	Newport	120.86	25	PKiKp	PKPdf	13 32 24.7	0.0
NEW	Newport	120.86	25	PKiKp	PKPdf	13 32 24.7	0.0
HAWA	Hanford	121.20	28	PKP	PKiKp	13 32 25.5	+0.1
HUMO	Hull Mountain	122.15	33	PKP	PKiKp	13 32 28.0	+0.6
PINE	Pine Mountain	122.39	31	PKP	PKiKp	13 32 28.6	+0.5
J05D	Fort Rock, OR	122.60	31	PKP	PKiKp	13 32 29.1	+0.6
L04D	Klamath Falls	122.77	33	PKP	PKiKp	13 32 29.1	+0.2
KHMM	Horse Mountain	122.86	35	PKP	PKiKp	13 32 29.7	+0.2
HTA	tee	122.91	30	PKP	PKiKp	13 32 29.7	+0.7
K05A	Summer Lake	123.17	32	PKP	PKiKp	13 32 30.3	+0.6
M50	Missoula	123.31	24	PKP	PKiKp	13 32 29.6	+0.1
M50	Missoula	123.31	24	PKP	PKiKp	13 32 29.8	0.0
PLID	baz=324,SNR=9.0	123.81	27	PKP	PKiKp	13 32 30.5	-0.2
EGMT	Eagleton	123.90	20	PKP	PKiKp	13 32 30.9	+0.1
EGMT	Eagleton	123.90	20	PKP	PKiKp	13 32 30.7	-0.1
J08A	Circle Bar Ran	123.95	30	PKP	PKiKp	13 32 31.4	+0.3
MOD	Modoc Plateau	124.10	33	PKP	PKiKp	13 32 31.8	+0.4
TAOE	Nuku Hiva Isla	124.17	98	eLR	LR	14 11 08.7	
WVOR	Wild Horse Val	124.54	31	PKP	PKiKp	13 32 32.9	+0.6
WVOR	Wild Horse Val	124.54	31	PKiKp	PKiKp	13 32 32.9	+0.6
LRM	Linekin Ridge	124.73	24	PKP	PKiKp	13 32 32.3	-0.1
DLMT	Dillon	125.05	24	PKP	PKiKp	13 32 33.3	0.0
MFID	Camas Ranch	125.18	28	PKP	PKiKp	13 32 33.7	+0.2
BOZ	Bozeman (W)	125.25	23	PKP	PKiKp	13 32 33.8	+0.1
BOZ	Bozeman (W)	125.25	23	PKiKp	PKiKp	13 32 33.8	+0.1
BOZ	Bozeman (W)	125.25	23	PKiKp	PKiKp	13 32 34.0	+0.4
DMGT	Dagmar	125.25	16	PKP	PKiKp	13 32 33.5	+0.1
DMGT	Dagmar	125.25	16	PKP	PKiKp	13 32 33.4	0.0
DMGT	Dagmar	125.25	16	PKP	PKiKp	13 32 33.5	+0.1
MCMT	McKenzie Canyo	125.38	25	PKP	PKiKp	13 32 34.0	-0.1
ULM	Lac du Bonnet	125.40	9	PKP	PKiKp	13 32 33.0	-0.2
ULM	comp=Z,24nm,0.8s, baz=346,slow=3.3,SNR=3.4					13 32 33.0	-0.2
HLID	Hailey	125.71	27	PKP	PKiKp	13 32 34.8	+0.1
HLID	Hailey	125.71	27	PKP	PKiKp	13 32 34.9	+0.1
QLMT	Earthquake Lak	125.96	24	PKP	PKiKp	13 32 35.0	+0.2
PAHR	Pat Rahr Range	126.10	33	PKP	PKiKp	13 32 35.0	+0.2
LAOR	LASA Array	126.25	19	PKP	PKiKp	13 32 35.9	+0.4
LAO	LASA Array	126.25	19	PKP	PKiKp	13 32 35.8	+0.4
LAO	LASA Array	126.25	19	PKP	PKiKp	13 32 36.4	+0.9
YMR	Madison River	126.28	24	PKP	PKiKp	13 32 36.7	+0.8
RLMT	Red Lodge	126.55	22	PKP	PKiKp	13 32 36.8	+0.5
H17A	Grant Village	126.66	23	PKP	PKiKp	13 32 37.0	+0.3
YERR	Yerlington	126.68	34	PKP	PKiKp	13 32 37.0	+0.2
WAKR	Walker	126.91	34	PKP	PKiKp	13 32 37.6	+0.4
IMW	Indian Meadow	126.93	24	PKP	PKiKp	13 32 37.3	0.0
MDND	Maddock	126.98	13	PKP	PKiKp	13 32 36.8	-0.1
MDND	Maddock	126.98	13	PKP	PKiKp	13 32 36.3	0.0

MDND	Maddock	126.98	13	P	PKP	13 32 36.4	+0.1
FKWY	Kox Creek	127.11	24	PKP	PKiKp	13 32 37.5	-0.1
MOON	Moond Ponds	127.13	24	PKP	PKiKp	13 32 37.6	0.0
KVN	Kaiserville	127.26	33	PKP	PKiKp	13 32 37.9	0.0
KVN	Kaiserville	127.26	33	PKiKp	PKiKp	13 32 37.9	0.0
AGMN	Agassiz Nation	127.29	10	P	PKP	13 32 37.1	+0.2
AGMN	Agassiz Nation	127.29	10	P	PKP	13 32 37.2	+0.2
AGMN	Agassiz Nation	127.29	10	P	PKiKp	13 32 37.5	+0.1
REDW	Red Top Meadow	127.41	24	PKP	PKiKp	13 32 38.2	0.0
B35A	Bob, Littlefor	127.56	8	P	PKP	13 32 37.7	+0.3
B35A	Bob, Littlefor	127.56	8	P	PKP	13 32 37.8	+0.3
NVAR	Mina Array Bay	127.59	34	PKP	PKiKp	13 32 39.1	+0.5
NVAR	comp=Z,1.0nm,0.9s, baz=265,slow=2.5,SNR=4.2					13 34 39.7	+1.2
NVAR	Mina Array Bay	127.59	34	PKP	PKiKp	13 32 38.8	+0.2
NVAR	Mina Array Bay	127.59	34	PKP	PKiKp	13 32 38.1	0.0
LMQ	La Malbaie	127.60	348	PKP	PKiKp	13 32 39.2	+0.9
LHV	Little Huntton	127.61	34	PKP	PKiKp	13 32 38.8	+0.1
NV11	Mina Array Sit	127.67	34	PKP	PKiKp	13 32 38.8	+0.1
HVU	Hansel Valley	127.86	27	PKP	PKiKp	13 32 38.8	-0.2
HVU	Hansel Valley	127.86	27	PKiKp	PKiKp	13 32 38.8	-0.2
E28A	Huff	127.92	14	P	PKiKp	13 32 39.3	+0.5
EYMN	Ely	128.24	6	P	PKiKp	13 32 39.3	-0.1
EYMN	baz=351,SNR=7.6					13 32 39.9	+0.5
E63A	Oxbow	128.25	346	P	PKiKp	13 32 39.8	+0.4
E63A	baz=20					13 32 39.8	+0.4
BW06	Boulder Array	128.43	24	PKP	PKP	13 32 39.3	-0.3
BW06	Boulder Array	128.43	24	PKP	PKP	13 32 39.5	0.0
PD31	Pinedale Array	128.43	24	PKP	PKP	13 32 39.7	+0.1
PDAR	Pinedale Array	128.43	24	PKP	PKP	13 32 39.8	+0.2
PDAR	comp=Z,1.7nm,0.6s, baz=329,slow=1.7,SNR=20					13 34 42.5	-1.1
PDAR	comp=Z,2.0nm,0.8s, baz=64,slow=3.4,SNR=3.2					13 32 39.3	-0.2
PDAR	Pinedale Array	128.43	24	PKP	PKP	13 32 40.1	-0.1
DSP	Deep Springs	128.53	34	PKP	PKiKp	13 32 41.0	+0.2
SMCC	Simmler	128.74	38	P	PKiKp	13 32 41.0	+0.2
LCH	Las Change Ra	128.81	34	PKP	PKiKp	13 32 40.6	+0.2
F63A	Nahnakanita, Br	129.09	346	P	PKiKp	13 32 41.3	+0.2
F63A	baz=19					13 32 41.3	+0.2
DUG	Dugway, Tooele	129.10	28	P	PKiKp	13 32 42.0	+0.4
CWC	Cottonwood Cre	129.11	35	P	PKiKp	13 32 42.1	+0.4
R11A	Troy Canyon, C	129.12	32	P	PKiKp	13 32 41.7	0.0
R11A	Troy Canyon, C	129.12	32	P	PKiKp	13 32 42.1	+0.5
PKM	Mchpenson Peak	129.13	38	P	PKiKp	13 32 41.8	+0.1
GRAC	Grassvine Rang	129.13	34	P	PKiKp	13 32 42.1	+0.5
RSSD	Black Hills	129.23	18	PKP	PKiKp	13 32 41.7	-0.1
RSSD	Black Hills	129.23	18	PKP	PKiKp	13 32 42.0	+0.3
RSSD	Black Hills	129.23	18	P	PKiKp	13 32 42.0	+0.3
D41A	Chassel	129.38	4	P	PKiKp	13 32 42.1	+0.4
D41A	Chassel	129.38	4	P	PKiKp	13 32 42.4	+0.7
ISA	Isabella, Lake	129.42	36	P	PKiKp	13 32 42.1	-0.1
SBC	Santa Barbara	129.49	38	P	PKiKp	13 32 42.3	+0.1
PKME	Peaks-Kenny Pk	129.54	346	P	PKiKp	13 32 41.8	-0.2
E38A	The Farm, Brul	129.56	7	P	PKiKp	13 32 42.3	+0.2
E38A	The Farm, Brul	129.56	7	P	PKiKp	13 32 42.5	+0.5
F33A	5 Mile Ranch,	129.59	11	PKP	PKiKp	13 32 41.9	-0.3
F33A	5 Mile Ranch,	129.59	11	PKP	PKiKp	13 32 41.7	+0.4
NLU	New Lilly Min	129.63	28	PKP	PKiKp	13 32 42.4	-0.3
K22A	Casper	129.69	21	P	PKiKp	13 32 42.6	-0.1
K22A	Casper	129.69	21	P	PKiKp	13 32 42.4	-0.2
K22A	Casper	129.69	21				

P40A	Paris	136.45	9	PKPdf	13 32 54.9 +0.5	
P40A	Paris	136.45	9	PKPdf	13 32 55.2 +0.7	
baz=349						
P43A	Skaggs, Pawnee	136.67	6	PKPdf	13 32 55.0 +0.2	
baz=382						
MCWV	Mont Chateau	136.74	355	P	PKIKP	13 32 56.1 -0.6
baz=6.2						
P46A	Rosedale	136.88	3	PKPdf	13 32 55.7 +0.4	
Y22A	Socorro	136.90	28	PKPdf	13 32 56.3 +0.6	
baz=326						
P52A	Corning	136.91	358	P	PKIKP	13 32 56.6 -0.6
baz=2.9						
P53A	Whipple	137.02	357	P	PKPdf	13 32 56.4 +0.9
baz=4.0						
P53A						
P49A	Miami Univ. Ec	137.05	1	P	PKIKP	13 32 57.1 -0.3
baz=359						
P51A	Williamsport	137.09	359	P	PKPdf	13 32 56.1 +0.5
baz=1.6						
P51A						
P48A	Milroy	137.11	1	P	PKPdf	13 32 55.8 +0.1
baz=358						
P48A						
Q44A	Meyer Farm, Va	137.45	6	PKPdf	13 32 56.9 +0.6	
baz=353						
Q54A	Coxs Mills	137.49	356	P	PKIKP	13 32 56.7 +0.3
baz=4.9						
Q52A	Bidwell	137.59	358	P	PKIKP	13 32 57.7 -0.8
baz=2.8						
R40A	Maddies Statio	137.63	9	PKPdf	13 32 56.8 +0.1	
R40A	Maddies Statio	137.63	9	PKPdf	13 32 57.1 +0.4	
baz=348						
121A	Cookes Peak, D	137.64	30	P	PKPdf	13 32 57.6 +0.5
baz=324						
OL1A	Olney	137.70	5	P	PKPdf	13 32 57.4 +0.6
baz=354						
PARB	Parabuna	137.90	239	eP	PKPdf	13 32 56.7 -1.0
BSCB	Rom Succeso	137.98	242	eP	PKIKP	13 32 56.7 -1.2
CCM	Cathedral Cave	138.01	8	P	PKPdf	13 32 57.6 +0.2
baz=349						
S39A	Bolivar	138.03	11	PKPdf	13 32 57.3 -0.1	
S39A	Bolivar	138.03	11	PKPdf	13 32 57.0 -0.4	
baz=346						
FVM	French Village	138.20	7	P	PKPdf	13 32 57.5 -0.3
baz=351						
R53A	Hurricane	138.20	357	P	PKPdf	13 32 57.8 +0.1
baz=3.3						
R49A	Shelbyville	138.28	1	P	PKPdf	13 32 57.9 0.0
baz=358						
R49A						
R50A	Paris	138.30	0	P	PKPdf	13 32 58.0 +0.1
baz=360						
R50A						
WC1	Wyandotte Cave	138.31	2	PKPdf	13 32 58.1 +0.1	
WC1	Wyandotte Cave	138.31	2	PKIKP	13 32 58.1 +0.1	
WC1	Wyandotte Cave	138.31	2	PKIKP	13 32 59.7 -0.3	
baz=357						
WC1	Wyandotte Cave	138.31	2	PKPdf	13 32 58.3 +0.3	
S57A	Dark Hollow, R	138.54	354	P	PKPdf	13 32 59.4 +1.0
baz=7.8						
S57A						
S44A	Carbondale	138.62	6	P	PKIKP	13 32 59.7 -1.0
baz=352						
MXST	Muleshoe	138.70	24	P	PKIKP	13 33 00.9 -0.2
baz=331						
MXST	Muleshoe	138.70	24	P	PKIKP	13 33 00.2 -0.9
baz=331						
S51A	Beattyville	138.94	359	P	PKPdf	13 33 00.1 +1.0
baz=0.8						
S51A						
JANB	Janaria	139.13	251	eP	PKPdf	13 32 59.6 -0.5
RLO	Rose Lookout	139.14	13	PKPdf	13 32 59.6 0.0	
VAO	Valinhos	139.18	238	eP	PKIKP	13 32 59.8 -0.2
TUL1	Leonard	139.19	14	P	PKIKP	13 33 01.9 0.0
BLA	Blacksburg	139.22	355	P	PKIKP	13 33 02.0 0.0
baz=5.7						
BLA	Blacksburg	139.22	355	P	PKIKP	13 33 02.3 +0.3
baz=5.7						
HHAR	Hobbs	139.26	12	PKPdf	13 32 59.6 -0.1	
T57A	Hurt	139.32	354	P	PKIKP	13 33 01.1 -1.0
baz=7.5						
T57A						
SPB	Sao Paulo	139.34	237	eP	PKPdf	13 32 60.0 -0.2
CNLB	Canella	139.35	227	eP	PKIKP	13 32 59.4 -0.6
MXNTX	Cornudas Mount	139.49	28	P	PKIKP	13 33 02.0 -0.6
baz=326						
T47A	Sharon Grove	139.50	4	P	PKPdf	13 33 00.4 +0.3
baz=356						
T50A	Nancy	139.56	1	P	PKPdf	13 33 00.6 +0.4
baz=359						
T50A						
LCAR	Lake Charles	139.98	9	P	PKPdf	13 33 00.8 -0.2
baz=349						
TZTN	Tazewell	140.03	359	P	PKIKP	13 33 03.5 -0.1
U49A	Red Boiling Sp	140.04	2	P	PKPdf	13 33 01.2 +0.1
baz=0.9						
WVT	Waverly	140.30	5	P	PKIKP	13 33 04.3 +0.2
baz=354						
WVT	Waverly	140.30	5	P	PKPdf	13 33 02.6 +0.9
baz=354						
CLNT	Cedars of Leba	140.44	3	P	PKPdf	13 33 02.2 +0.3
WTF5	Witchita Falls	140.44	19	PKPpre	13 32 54.7	
V55A	Taylorville	140.63	356	P	PKPdf	13 33 03.0 +0.7
baz=4.6						
V55A						
V52A	Sevierville	140.73	359	P	PKPdf	13 33 03.2 +0.8
baz=0.9						
V48A	Smith Brothers	140.76	3	P	PKPdf	13 33 03.0 +0.5
baz=356						
V51A	Loudon	140.78	0	P	PKPdf	13 33 02.7 +0.2
baz=360						
V53A	Saluda	140.89	358	P	PKPdf	13 33 03.0 +0.2
baz=2.1						
V53A						
MIAR	Mount Ida	141.01	12	P	PKIKP	13 33 05.5 -0.1
baz=345						
PLCA	Paso Flores	141.07	197	PKP	PKPdf	13 33 04.3 +1.3
comp=2.4,7nm,1.1s,baz=224,slow=3.4,SNR=4.0						
PLCA	Paso Flores	141.07	197	eP	PKPdf	13 33 01.6 -1.3
ABTX	Abilene, Hawle	141.08	21	P	PKPpre	13 32 56.7
ABTX	Abilene, Hawle	141.08	21	P	PKIKP	13 33 05.4 -0.5
baz=335						
W57A	Gilead	141.22	355	P	PKPdf	13 33 03.6 +0.3
baz=6.6						
W57A						
ALGR	Alto Alegre (B	141.23	226	eP	PKIKP	13 33 03.5 -0.1
KMSC	Kings Mountain	141.34	356	P	PKIKP	13 33 06.5 +0.2
baz=4.5						
KMSC	Kings Mountain	141.34	356	P	PKPdf	13 33 04.0 +0.5
baz=4.5						
W50A	Signal Mountai	141.36	1	P	PKPdf	13 33 04.3 +0.6
baz=358						
W52A	Murphy	141.48	360	P	PKPdf	13 33 04.5 +0.6
baz=0.3						
CASEE	Lake Jocassee	141.57	358	P	PKPdf	13 33 05.2 +1.3
baz=1.9						
PAULI	Pauline	141.69	357	P	PKPdf	13 33 05.5 +1.3
baz=3.7						
OXF	Oxford	141.75	7	P	PKIKP	13 33 06.8 -0.3
baz=352						
TX31	Lajitas Ar. Si	142.27	28	PKPpre	13 33 00.1	
TX32	Lajitas Array	142.27	28	PKPpre	13 33 00.4	
TXAR	Lajitas Array	142.27	28	PKHCP	13 32 59.7	
comp=2.1,7nm,0.6s,baz=273,slow=1.5,SNR=25						

TXAR	comp=Z,5.8nm,0.8s,baz=228,slow=1.7,SNR=20	PKP	PKPdf	13 33 07.0 +1.5		
TXAR		PP	PP	13 36 09.1 -1.9		
TXAR	comp=Z,0.7nm,1.0s,baz=67,slow=32,SNR=2.5	PKPpre	PKIKP	13 33 00.2		
HODGE	Lajitas Array	142.30	357	P	PKIKP	13 33 06.1 +0.8
baz=3.1						
Y45A	Yeager Farm, C	142.37	7	P	PKPdf	13 33 05.9 +0.5
baz=351						
BDFB	Brasilia	142.47	249	PKP	PKIKP	13 33 07.9 -1.3
comp=2.2,8nm,0.5s,baz=144,slow=3.4,SNR=3.8						
BDFB	Brasilia	142.47	249	eP	PKPdf	13 33 05.3 -0.8
PTGB	Pitanga	142.64	233	eP	PKPdf	13 33 05.1 -1.1
CRSM	Criissiumal (Br	142.71	227	eP	PKPdf	13 33 04.9 -1.2
FRS	Francisco Belt	142.73	227	eP	PKPdf	13 33 05.8 -0.7
HPIG		143.21	33	P	PKPbc	13 33 05.3 +1.0
SMTB	Santa Maria do	143.27	260	eP	PKPdf	13 33 06.8 -0.7
MECA	Mercedes	144.49	221	eP	PKPab	13 33 06.2 -1.4
833A	Chaparral WMA,	145.02	24	P	PKPdf	13 33 10.5 +0.3
baz=333						
TIGA	Tifton	145.12	359	P	PKPdf	13 33 11.4 +1.1
baz=1.0						
BRAL	Brewton	145.29	4	P	PKPdf	13 33 11.7 +1.1
baz=955						
CPUP	Villa Florida	145.77	226	PKPbc	PKPab	13 33 13.1 +0.7
comp=Z,6.5nm,0.8s,baz=135,slow=2.1,SNR=16						
AMBA	Amambai (Braz)	145.85	233	eP	PKPdf	13 33 11.1 -0.7
C25B	Chapadao do Us	145.86	241	eP	PKPdf	13 33 10.9 -0.9
ARAG	Araguaiana, MT	145.97	247	eP	PKPbc	13 33 10.9 -1.2
SND	Serra Nova Dou	146.79	204	PKPbc	PKPbc	13 33 11.7 +1.2
MT01	Popeta	147.59	200	PKPbc	PKPbc	13 33 17.2 +0.2
AQDB	Aquidauana	147.60	237	eP	PKPbc	13 33 14.6 -0.1
PP1B	Ponte de Pedra	148.10	242	eP	PKPdf	13 33 15.2 -0.4
DWPF	Disney Wildern	148.34	355	P	PKPbc	13 33 17.4 +1.6
VA06	Catapilco	148.78	201	PKPbc	PKPbc	13 33 20.0 -0.2
PANT	Pantanal (Braz	149.03	238	eP	PKPbc	13 33 16.7 -0.5
SALV	Santo Antonio	149.44	245	eP	PKPdf	13 33 17.1 -0.8
MAL5	Monte Alegre	150.06	273	eP	PKPdf	13 33 18.3 -0.6
CO03	El Pizgal	150.09	204	PKPbc	PKPbc	13 33 23.4 -0.3
G004	Tololo Observa	150.72	204	PKPbc	PKPbc	13 33 25.2 -0.2
NPGB	Novo Progresso	151.10	262	eP	PKPdf	13 33 20.2 -0.4
AC05	EI Transito	151.65	206	PKIKP	PKIKP	13 33 28.1 +0.2
MTP	Monte Pirata	151.66	320	PKIKP	PKIKP	13 33 27.9 -0.1
LCO	Las Campanas	151.69	206	PKIKP	PKIKP	13 33 28.1 0.0
CELP	Cerrillos	152.32	322	PKPbc	PKPbc	13 33 28.3 -0.8
PTLB	Pontes e Lacer	152.69	243	eP	PKPdf	13 33 22.7 -0.2
GO03	Copiapi	152.70	208	PKPbc	PKPbc	13 33 29.8 +0.1
B00D	Serra de San D	153.23	238	eP	PKPdf	13 33 23.7 +0.1
TEIG	Teplaci	155.96	27	PKPab	PKPab	13 33 24.1 -0.1
CMIG	Matias Romero	156.88	27	PKP	PKPdf	13 33 59.6 +1.0
comp=Z,4.5nm,0.5s,baz=330,slow=8.1,SNR=4.2						
CMIG						
LPAZ	La Paz	159.82	230	PKP	PKPdf	13 33 34.0 +1.1
comp=Z,2.0nm,0.7s,baz=56,slow=4.5,SNR=6.8						
LPAZ						
LPAZ	La Paz	159.82	230	PKIKP	PKPdf	13 33 34.0 +1.1
SDV	Santo Domingo	164.64	313	PKPab	PKPab	13 34 19.6 +0.1
comp=Z,7.5nm,0.7s,baz=30,slow=4.3,SNR=8.6						
ROSC	EI Rosal	167.04	310	PKPab	PKPab	13 34 41.6 -1.8
comp=Z,8.3nm,0.4s,baz=93,slow=17,SNR=1.6						

BU C 14 13:15:29.1-0.3, 45.30N-25.10E, h5km, ml0.9, 9C-4D, Error ellipse: s-maj=2.7km s-min=1.4km az=176.0, Romania

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MTUR	Matau	0.08	201	Op	13 35 30.6	-0.3
VOIR		0.14	344	Op		

14d 14h

Table with columns: RM33, CAMP, PIEI, TERO, FSSB, BADI, OSSC, VITU, CAVE, NDIM, etc. Includes station names, codes, and various data points.

WEL 14 13:57:59.9:0.5, 42°S, 137°4E, h18km, 4km, M2.3/4, ML2.4/8, MLV2.3/4, Error ellipse: s-maj=0.0km s-min=0.0km az=96.1, confirmed, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Kahutara, Blackbirch Sta, Tophouse, etc.

NEIC 14 14:06:14.2:1.3, 13°6N, 01°120°8E:0.2, h18km, 6km, mb4.2/28, Error ellipse: s-maj=22.0km s-min=16.5km az=88.0

IDC 14 14:06:15.0:8.8, 13°62N, 120°88E, h132km, 84km, mb3.3/8, mbmp3.8/8, Error ellipse: s-maj=53.3km s-min=14.2km az=65.0

MAN 14 14:06:16.5, 13°68N, 120°59E, h122km, mb4.5, ML3.3, MS3.1

ISC 14 14:06:16.1:0.6, 13°68N, 0°04:120°62E:0.05, h140km, 5km, n56, r121/66, mb4.0/22, 7C-8D, Mindoro

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations including Lubang, Tagaytay City, Maragondon, etc.

2017 MAR

Table with columns: H21K, MLY, MCK, RND, ILAR, ARCES, BMAR, CTGM, A36M, TXAR. Lists stations like Melozitna Rive, Manley, McKinley, etc.

OTT 14 14:13:14.8:0.4, 46°38N, 87°54W, h0km, MN2.7/6, Blast, Michigan, U.S., 247km west from Sault Ste. Marie, On

NEIC 14 14:13:14.7:1.7, 46°42N, 0°04:87°51W:0.07, h0km, 2km, ML2.3/4, Error ellipse: s-maj=9.3km s-min=5.2km az=300.0

ISC 14 14:13:13.8:1.0, 46°40N, 0°06:87°57W:0.03, h0km, n21, r1567/37, Michigan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Lone Tree Farm, Conover, Rib Lake, etc.

GUC 14 14:27:03.4:0.5, 23°97S, 67°43W, h219km, 6km, ML4.0, 6C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Limon Verde, IPOC Station P, Mina Guanaco, etc.

KRNET 14 14:40:50.9:0.1, 41°22N, 73°37E, h17km, mb3.7, SOME 14 14:40:51.3, 41°18N, 73°43E, h20km, NNC 14 14:40:51.7, 0.7, 41°28N, 73°35E, h0km, mb4.4, mpv4.0, Error ellipse: s-maj=5.1km s-min=3.2km az=1.0

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ISU 14 14:40:53.4, 41°17N, 73°41E, h17km, ISC 14 14:40:50.3:1.1, 41°17N, 0°02:73°56E:0.02, h9km, 9km, n94, r133/133, 39C-30D, Kyrgyzstan

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Osh, Arkit, Aral, Almayasha, etc.

M19K	comp=Z,30nm,1.7s Big River Lodg baz=202	79.47	11	P	P	15 15 47.0	+0.9
L19K	White Mountain baz=202	79.64	10	P	P	15 15 47.8	+0.7
RC01	Rabbit Creek A baz=207	79.65	13	P	P	15 15 47.6	+0.5
M20K	Styx River comp=Z,19m,19.0s	79.68	11	IAMS_20	IAMS_20	15 48 30.9	
M20K	Styx River baz=203	79.68	11	P	P	15 15 48.0	+0.6
Q12A	Willow Creek R Q12Z	79.68	45	P	P	15 15 46.9	-1.1
Q12Z	Q12Z	79.70	293	S	S	15 15 47.9	-0.4
Q12Z	comp=Z,860nm,16.5s			LR	LR		
Q12Z	comp=Z,1µm,17.8s			LR	LR		
Q12Z	comp=Z,2µm,22.2s	79.70	293	IAMS_20	IAMS_20	15 45 34.0	
D05A	comp=Z,3µm,22.0s						
PWL	Port Wells comp=Z,2µm,20.0s	79.75	35	P	P	15 15 47.3	-0.7
PWL	Port Wells baz=208	79.76	14	P	P	15 15 48.9	+1.1
BBB	Bella Bella comp=Z,2µm,20.2s,baz=246,slow=30	79.85	28	LR	LR	15 43 26.0	
CCUT	Cedar City	79.96	46	P	P	15 15 48.8	-0.9
SPR3	Spring Creek S	80.00	45	P	P	15 15 48.9	-1.1
CRAG	Craig baz=223	80.06	24	P	P	15 15 51.0	+1.5
SKT	Skwentna comp=Z,2µm,21.0s	80.08	12	IAMS_20	IAMS_20	15 44 12.5	
SKT	Skwentna baz=205	80.08	12	P	P	15 15 51.7	+2.3
L20K	Farewell, AK baz=203	80.09	11	P	P	15 15 50.4	+0.9
TTA	Tatalina	80.15	10	P	P	15 15 49.8	-0.1
TTA	comp=Z,21nm,1.1s			IAMB	IAMB	15 16 01.2	
TTA	Tatalina	80.15	10	P	P	15 15 49.8	-0.1
TTA	comp=Z,21nm,1.1s						
TTA	Tatalina baz=201	80.15	10	P	P	15 15 51.3	+1.4
KNK	Knik Glacier comp=Z,2µm,21.0s	80.22	14	IAMS_20	IAMS_20	15 44 46.3	
KNK	Knik Glacier baz=208	80.22	14	P	P	15 15 51.2	+1.0
PMR	Palmer	80.23	13	P	P	15 15 51.9	+1.7
ELK	Elko	80.26	43	LR	LR	15 43 32.4	
ELK	Elko comp=Z,2µm,21.6s,baz=246,slow=30	80.26	43	P	P	15 15 50.0	-1.2
ELK	Elko	80.26	43	IAMB	IAMB	15 16 05.6	
ELK	comp=Z,36nm,1.9s			IAMS_20	IAMS_20	15 43 21.4	
ELK	Elko comp=Z,1µm,21.0s	80.26	43	P	P	15 15 50.0	-1.2
ELK	Elko						
WHN	Wuhan comp=Z,36nm,2.0s	80.32	305	P	P	15 15 54.6	+3.2
WHN	Wuhan			S	S	15 26 01.5	+4.1
WHN	comp=Z,3µm,17.3s			LR	LR		
WHN	comp=Z,2µm,15.6s			LR	LR		
WHN	comp=Z,3µm,21.3s			LR	LR		
G08A	Pilot Rock	80.37	37	P	P	15 15 51.0	-0.6
WUJAZ	Wupatki comp=Z,2µm,20.0s	80.43	49	IAMS_20	IAMS_20	15 43 40.0	
WUJAZ	Wupatki baz=243	80.43	49	P	P	15 15 52.7	+0.6
SIT	Sitka	80.43	22	P	P	15 15 53.0	+1.6
U33K	Whale Pass baz=223	80.54	23	P	P	15 15 52.9	+1.0
V35K	Ketchikan baz=224	80.55	24	P	P	15 15 53.2	+1.1
ANM	Nome	80.57	5	P	P	15 15 51.7	-0.3
ANM	Nome comp=Z,1µm,20.0s	80.57	5	IAMS_20	IAMS_20	15 45 49.4	
ANM	Nome	80.57	5	P	P	15 15 51.7	-0.3
ANM	Nome comp=Z,13nm,1.4s	80.57	5	P	P	15 15 53.2	+1.2
SML	Sawmill baz=192	80.60	13	IAMS_20	IAMS_20	15 45 39.3	
SML	Sawmill comp=Z,1µm,20.0s	80.60	13	P	P	15 15 53.9	+1.5
DIV	Divide	80.61	15	P	P	15 15 52.4	0.0
HAWA	Hanford comp=Z,2µm,20.0s	80.66	36	IAMS_20	IAMS_20	15 44 20.6	
TIA	Taian	80.70	312	I	S	15 15 55.3	+1.9
TIA	Taian			S	S	15 26 08.8	+7.5
TIA	comp=Z,11nm,1.0s						
TIA	comp=Z,220nm,3.5s						
TIA	comp=Z,520nm,21.4s			LR	LR		
TIA	comp=Z,800nm,22.4s			LR	LR		
CUT	comp=Z,1µm,23.5s	80.72	12	P	P	15 15 53.7	+0.9
PPLA	Purkeypile baz=206	80.78	11	P	P	15 15 55.3	+1.9
DUN6	Lazy B Ranch	80.83	53	P	P	15 15 53.6	-0.8
SCM	Sheep Creek Mo comp=Z,1µm,21.0s	80.85	14	IAMS_20	IAMS_20	15 43 58.9	
SCM	Sheep Creek Mo baz=209	80.85	14	P	P	15 15 55.4	+1.7
K20K	Telida	80.87	10	P	P	15 15 53.4	-0.3
K20K	Telida comp=Z,34nm,1.4s	80.87	10	IAMB	IAMB	15 15 59.0	
K20K	Telida baz=202	80.87	10	P	P	15 15 54.5	+0.8
KLU	Klutina comp=Z,2µm,20.0s	80.89	15	IAMS_20	IAMS_20	15 45 21.8	
KLU	Klutina baz=210	80.89	15	P	P	15 15 53.6	-0.3
WRAK	Wrangell Islan baz=223	81.11	23	P	P	15 15 55.1	+0.4
BMO	Blue Mountains	81.11	38	P	P	15 15 54.9	-0.6
BMO	Blue Mountains	81.11	38	P	P	15 15 54.9	-0.6
BMO	comp=Z,7.0nm,1.0s						
MSU	Marysville	81.24	46	P	P	15 15 55.7	-0.8
MFID	Camas Ranch comp=Z,2µm,21.0s	81.25	40	IAMS_20	IAMS_20	15 43 55.5	
VRDI	Verde Repeater comp=Z,1µm,21.0s	81.28	16	IAMS_20	IAMS_20	15 44 39.3	
CAST	Castle Rocks baz=204	81.28	11	P	P	15 15 55.9	0.0
BCPM	Bancas Point comp=Z,2µm,20.0s	81.30	18	IAMS_20	IAMS_20	15 43 56.8	
N25K	Chitina, Valde	81.31	15	P	P	15 15 56.0	-0.2
N25K	Chitina, Valde			IAMB	IAMB	15 16 46.9	
N25K	comp=Z,43nm,1.6s			IAMS_20	IAMS_20	15 44 22.1	
N25K	comp=Z,1µm,20.0s	81.31	15	P	P	15 15 57.2	+1.1
M24K	Tolsona, Glenn baz=210	81.36	14	P	P	15 15 57.1	+0.7
TNA	Tin City	81.36	4	P	P	15 15 55.9	-0.3
TNA	Tin City comp=Z,37nm,1.3s	81.36	4	IAMB	IAMB	15 16 01.7	
TNA	Tin City baz=189	81.36	4	P	P	15 15 56.6	+0.5
MCARA	McCarthy VSAT comp=Z,1µm,21.0s	81.53	16	IAMS_20	IAMS_20	15 44 44.8	
MCARA	McCarthy VSAT baz=213	81.53	16	P	P	15 15 56.8	-0.4
DUG	Dugway, Toeole	81.60	44	P	P	15 15 56.9	-1.3
LOGN	Logan Glacier	81.61	17	IAMS_20	IAMS_20	15 44 27.0	
BARN	Barnard Glacie	81.62	17	P	P	15 15 57.8	-0.2
BARN	Barnard Glacie			IAMS_20	IAMS_20	15 44 57.3	
KTH	Kantishna Hill comp=Z,2µm,21.0s	81.62	12	IAMS_20	IAMS_20	15 44 51.4	
CTG	China Glacier comp=Z,2µm,22.0s	81.63	17	P	P	15 15 58.1	+0.2
CTGM	China Glacie comp=Z,1µm,21.0s	81.63	17	IAMS_20	IAMS_20	15 44 15.6	
R32K	Eaglecrest baz=221	81.64	21	P	P	15 15 58.9	+1.0
TRF	Thorofare Moun TRF	81.66	12	P	P	15 15 57.1	-0.9
TRF	Thorofare Moun comp=Z,19nm,1.1s	81.66	12	IAMB	IAMB	15 16 06.8	
TRF	Thorofare Moun baz=210	81.66	12	P	P	15 15 58.3	+0.2
CHUM	Lake Minchumin baz=204	81.67	11	P	P	15 15 58.9	+1.1
HEH	HeiHe	81.73	328	eP	S	15 15 57.0	-1.5
HEH	HeiHe			S	S	15 26 14.3	+3.0
HEH	HeiHe			eS	eS	15 26 17.9	-0.6
HEH	HeiHe			SS	SS	15 31 31.0	+1.6
HEH	HeiHe						
HEH	comp=Z,12nm,1.5s						
HEH	comp=Z,220nm,5.3s						
HEH	comp=Z,1µm,23.7s			LR	LR		
HEH	comp=Z,1µm,21.5s			LR	LR		
HEH	comp=Z,2µm,23.3s			LR	LR		
O28M	Mount Upton baz=216	81.80	17	P	P	15 15 59.0	0.0
121A	Cookes Peak, D	81.82	53	P	P	15 15 58.6	-1.1
121A	Cookes Peak, D			IAMB	IAMB	15 16 03.9	
121A	Cookes Peak, D comp=Z,21nm,1.4s	81.82	53	P	P	15 15 59.6	-0.1
121A	Cookes Peak, D baz=246	81.82	53	P	P	15 15 58.3	-1.3
HARP	HAARP baz=211	81.85	14	P	P	15 16 00.3	+1.3
O08A	Colville Reser	81.89	35	P	P	15 15 58.8	-0.6
O29M	Mount Kennedy baz=217	81.89	18	P	P	15 16 00.9	+1.5
RND	Reindeer comp=Z,2µm,21.0s	81.91	12	IAMS_20	IAMS_20	15 45 28.8	
PLBC	Pleasant Camp baz=219	81.92	20	P	P	15 16 00.4	+1.1
SEY	Seymchan comp=Z,650nm,20.6s	81.96	346	LR	LR	15 47 33.6	
SEY	Seymchan baz=148,slow=32	81.96	346	P	P	15 15 59.5	+0.1
SEY	Seymchan						
PLID	Pearl Lake	82.02	39	P	P	15 15 59.6	-0.9
PLID	comp=Z,29nm,1.8s			IAMB	IAMB	15 16 23.4	
PLID	comp=Z,2µm,21.0s			IAMS_20	IAMS_20	15 44 31.7	
BPAW	Bear Paw Mtn. baz=205	82.11	11	P	P	15 16 00.4	+0.2
MCK	McKinley	82.18	12	P	P	15 16 00.3	-0.3
MCK	McKinley			IAMB	IAMB	15 16 04.3	
MCK	McKinley comp=Z,17nm,0.9s	82.18	12	P	P	15 16 00.3	-0.3
MCK	McKinley						
HLID	Hailey comp=Z,2µm,20.0s	82.22	41	IAMS_20	IAMS_20	15 45 29.0	
HLID	Hailey baz=240,SNR=12	82.22	41	P	P	15 16 00.8	-0.7
P30M	Million Dollar baz=211	82.25	19	P	P	15 16 01.8	+0.7
T35M	Bob Quinn baz=225	82.27	24	P	P	15 16 01.9	+0.7
PAX	Paxson baz=211	82.27	14	P	P	15 16 02.4	+1.2
TMUT	Trail Mountain TMUT	82.27	46	P	P	15 16 01.2	-0.8
TMUT	Trail Mountain			IAMB	IAMB	15 16 09.2	
YUK8	Steele Glacier baz=216	82.34	17	P	P	15 16 02.2	+0.4
M26K	Nabesna, AK comp=Z,2µm,20.0s	82.39	15	IAMS_20	IAMS_20	15 45 17.6	
M26K	Nabesna, AK baz=213	82.39	15	P	P	15 16 03.1	+1.3
BWN	Browne	82.42	12	P	P	15 16 01.2	-0.9
YUK6	Outpost Mounta baz=217	82.47	18	P	P	15 16 03.3	+0.8
EPT	El Paso comp=Z,2µm,20.0s	82.50	54	IAMS_20	IAMS_20	15 44 43.2	
YUK3	Moose Creek baz=215	82.54	17	P	P	15 16 03.5	+0.7
S34M	Telegraph Cree baz=224	82.60	23	P	P	15 16 04.3	+1.4
M27K	Edge Creek, AK M27K	82.64	16				

14d 15h

J26L	Joseph Creek	84.02	14	P	P	15 16 10.4 +0.2
ENH	Enshi	84.07	304	P	P	15 16 10.7 -0.5
MSO	Missoula	84.15	38	P	P	15 16 10.5 -0.8
RDOG	Red Dog Mine	84.21	5	P	P	15 16 10.9 0.0
RDOG	comp-Z,14nm,1.2s			IAMB	IAMB	15 16 18.3
RDOG	comp-Z,2um,21.0s			IAMS_20	IAMS_20	15 47 32.6
RDOG	Red Dog Mine	84.21	5	P	P	15 16 11.8 +0.8
M30M	Minto, Yukon	84.22	18	IAMS_20	IAMS_20	15 45 30.1
M30M	Minto, Yukon	84.22	18	P	P	15 16 11.6 +0.4
L29M	L29M	84.26	17	P	P	15 16 11.4 0.0
H24K	Noodor Dome	84.26	12	P	P	15 16 11.5 +0.1
REDW	Red Top Meadow	84.39	42	P	P	15 16 11.7 -1.1
REDW	comp-Z,26nm,1.2s			IAMB	IAMB	15 16 20.3
FXWY	Fox Creek	84.40	42	IAMS_20	IAMS_20	15 45 55.9
BILL	Bilbino	84.42	354	ceP	P	15 16 09.8 -2.2
BILL	comp-Z,21nm,2.5s			pmax	pmax	
PRP	Porcupine Dome	84.46	13	P	P	15 16 11.7 -0.8
PRP	comp-Z,34nm,1.4s			IAMB	IAMB	15 16 36.2
PRP	Porcupine Dome	84.46	13	P	P	15 16 11.9 -0.6
F21K	Alatna River	84.55	9	P	P	15 16 13.3 +0.5
LRM	Limekiln Ridge	84.55	39	P	P	15 16 13.0 -0.6
IMW	Indian Meadow	84.58	42	P	P	15 16 13.1 -0.7
IMW	comp-Z,10nm,1.1s			IAMS_20	IAMS_20	15 45 50.5
MOOV	Moose Ponds	84.64	42	IAMS_20	IAMS_20	15 45 51.1
G23K	Bananza Creek	84.64	10	P	P	15 16 13.8 +0.5
M31M	Drury Ranch, Y	84.65	19	P	P	15 16 13.8 +0.4
S22A	4UR Ranch, Cre	84.68	49	P	P	15 16 13.8 -0.7
DAWY	Dawson	84.69	16	P	P	15 16 13.1 -0.5
DAWY	comp-Z,12nm,0.9s			IAMB	IAMB	15 16 23.4
DAWY	Dawson	84.69	16	P	P	15 16 13.8 +0.2
O20A	White River CI	84.69	46	P	P	15 16 13.7 -0.7
I26K	Coal Creek Min	84.80	14	IAMS_20	IAMS_20	15 47 57.3
I26K	Coal Creek Min	84.80	14	P	P	15 16 14.5 +0.4
FLWY	Flagg Ranch	84.82	42	IAMS_20	IAMS_20	15 45 58.9
EGAK	Eagle	84.83	15	P	P	15 16 14.0 -0.2
EGAK	comp-Z,33nm,1.4s			IAMB	IAMB	15 16 38.3
EGAK	Eagle	84.83	15	P	P	15 16 14.6 +0.4
EGAK	comp-Z,2um,20.0s			IAMS_20	IAMS_20	15 46 57.1
RPSI	Rantau Prapat	84.88	274	P	P	15 16 14.2 -1.4
PSI	Prapat	84.91	274	P	P	15 16 14.2 -1.7
XLT	XiLinHaoTe	84.94	318	eP	S	15 16 15.1 -0.2
XLT	comp-Z,34nm,1.3s			pmax	pmax	15 26 40.0 -4.3
XLT	comp-Z,19nm,1.0s			pmax	pmax	
XLT	comp-Z,170nm,6.7s			LR	LR	
XLT	comp-Z,700nm,17.3s			LR	LR	
BOZ	Bozeman (W)	84.95	40	P	P	15 16 15.8 +0.3
BW06	Boulder SNR	84.96	43	P	P	15 16 15.5 -0.2
PD31	Pinedale Array	84.96	43	P	P	15 16 14.4 -1.2
PD31	comp-Z,17nm,1.4s			IAMB	IAMB	15 16 24.4
PDAR	Pinedale Array	84.96	43	P	P	15 16 14.7 -1.0
PDAR	comp-Z,2.8nm,0.9s,baz=220,slow=3.7,SNR=10			LR	LR	15 46 33.9
PDAR	comp-Z,1um,21.8s,baz=256,slow=30			LR	LR	15 46 33.9
PDAR	comp-Z,2.8nm,0.9s			LR	LR	15 46 33.9
FARO	Pinedale Array	84.96	43	P	P	15 16 13.9 -1.8
FARO	Faro, Yukon	85.00	19	P	P	15 16 15.8 +0.7
K29M	Barlow Dome	85.01	16	P	P	15 16 15.6 +0.3
F22K	John River	85.01	9	P	P	15 16 15.7 +0.6
H17A	Grant Village	85.04	41	P	P	15 16 16.3 +0.2
COLD	Coldfoot	85.08	10	P	P	15 16 15.3 -0.1
COLD	comp-Z,27nm,1.3s			IAMB	IAMB	15 16 20.9
COLD	Coldfoot	85.08	10	P	P	15 16 16.7 +1.3
G24K	Hadweenzic Riv	85.10	11	P	P	15 16 16.7 +1.1
SMKC	Snowmass	85.17	47	IAMS_20	IAMS_20	15 47 53.6
LKWY	Lake	85.23	41	IAMS_20	IAMS_20	15 49 47.8
J29M	Klondike Camp	85.31	16	IAMS_20	IAMS_20	15 46 45.8
PMSA	Palmer Station	85.31	157	LR	LR	15 47 27.4
HIA	Hailar	85.32	324	P	P	15 16 16.2 -0.9
HIA	comp-Z,31nm,1.4s			IAMB	IAMB	15 16 23.3
HIA	Hailar	85.32	324	IAMS_20	IAMS_20	15 50 14.9
HIA	Hailar	85.32	324	iP	pmax	15 16 16.7 -0.4
I27K	Kandik River	85.40	14	P	P	15 16 18.5 +1.4
G25K	Bearman Lake	85.43	12	P	P	15 16 18.7 +1.6
FYU	Fort Yukon	85.43	12	IAMS_20	IAMS_20	15 47 26.9
SDCO	Great Sand Dun	85.65	49	IAMS_20	IAMS_20	15 46 49.2
SDCO	Great Sand Dun	85.65	49	P	P	15 16 19.4 +0.1
SDCO	Great Sand Dun	85.65	49	P	P	15 16 19.5 +0.2
F24K	Squaw Lake	85.75	11	P	P	15 16 20.3 +1.5
XAN	Xi'an	85.92	307	P	P	15 16 22.3 +1.9
XAN	comp-Z,9.0nm,1.7s			pwP	pwP	15 16 26.6 +0.6
XAN	comp-Z,290nm,7.3s			S	S	15 27 01.0 +6.6
XAN	comp-Z,360nm,20.6s			pmax	pmax	
XAN	comp-Z,560nm,22.0s			LR	LR	
XAN	comp-Z,840nm,22.0s			LR	LR	
E23K	Chandalar	85.93	10	P	P	15 16 20.9 +1.2
MMPY	Sheldon Lake	85.94	19	P	P	15 16 21.4 +1.5
H27K	Steamboat Moun	85.94	14	P	P	15 16 20.8 +1.0
I29M	Ogilvie Camp	86.01	15	IAMS_20	IAMS_20	15 46 28.4
I29M	Ogilvie Camp	86.01	15	P	P	15 16 21.7 +1.6
G26K	Porcupine Rive	86.06	13	P	P	15 16 21.4 +1.1

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E24K	Your Creek	86.14	10	P	P	15 16 21.8 +1.0
RLMT	Red Lodge	86.20	41	P	P	15 16 22.2 +0.4
T25A	Trinidad	86.20	50	P	P	15 16 21.0 -1.0
T25A	comp-Z,25nm,1.8s			IAMB	IAMB	15 16 53.6
T25A	Trinidad	86.20	50	P	P	15 16 22.2 +0.2
F25K	Christian Rive	86.23	12	P	P	15 16 22.2 +1.0
MAW	Mawson	86.29	199	LR	LR	15 52 22.1
MAW	comp-Z,1um,18.3s,baz=113,slow=34			LR	LR	15 52 22.1
BMAR	Burnt Mountain	86.30	12	P	P	15 16 21.2 -0.4
ISCO	Idaho Springs	86.39	47	IAMS_20	IAMS_20	15 48 55.8
G27K	Doyon Strip	86.40	13	P	P	15 16 22.5 +0.4
D23K	Nanushuk River	86.58	9	P	P	15 16 23.1 +0.3
N23A	Red Feather La	86.60	46	P	P	15 16 23.1 -0.9
F26K	Sheenjek River	86.62	12	P	P	15 16 23.6 +0.6
HHC	Hu-ho-hao-te	86.64	314	eP	SS	15 16 23.9 0.0
HHC	comp-Z,23nm,0.9s			SS	SS	15 32 42.4 -0.3
HHC	comp-Z,550nm,6.1s			pmax	pmax	
HHC	comp-Z,1um,17.0s			LR	LR	
HHC	comp-Z,2um,22.1s			LR	LR	
HHC	comp-Z,4um,21.7s			LR	LR	
E25K	Arctic Village	86.71	11	P	P	15 16 24.7 +1.2
KOTAN	Kotaneleele Air	86.79	24	P	P	15 16 24.5 +0.5
833A	Chaparral WMA	86.98	60	P	P	15 16 25.0 -0.7
833A	comp-Z,11nm,1.1s			IAMB	IAMB	15 16 42.4
833A	Chaparral WMA	86.98	60	P	P	15 16 25.2 -0.5
PHWY	Pilot Hill	87.10	46	IAMS_20	IAMS_20	15 48 54.5
EPYK	Eagle Plains	87.21	15	IAMS_20	IAMS_20	15 47 37.1
EGMT	Eagleton	87.22	38	IAMS_20	IAMS_20	15 46 47.1
EGMT	comp-Z,2um,22.0s			P	P	15 16 27.0 +0.5
CMIG	Matias Romero	87.41	72	LR	LR	15 46 55.7
AMTX	Amartilo	87.42	53	IAMS_20	IAMS_20	15 46 26.3
E27K	Coleen River	87.56	13	P	P	15 16 28.8 +1.0
C24K	Franklin Bluff	87.57	10	P	P	15 16 29.1 +1.5
D25K	Kavik River	87.61	10	P	P	15 16 28.9 +1.0
BTO	Baotou	87.61	313	eP	pwP	15 16 29.8 +1.2
BTO	comp-Z,37nm,0.6s			S	S	15 16 40.1 +5.9
BTO	comp-Z,610nm,3.3s			SS	SS	15 27 09.6 -1.0
BTO	comp-Z,5um,17.6s			pmax	pmax	15 32 58.1 +1.1
BTO	comp-Z,2um,22.7s			LR	LR	
BTO	comp-Z,10um,22.8s			LR	LR	
G30M	TaoH Zhai Jie	87.81	15	P	P	15 16 29.6 +0.7
KMI	Kunming	87.93	297	↑P	PP	15 16 30.0 -0.7
KMI	comp-Z,10nm,1.6s			PP	PP	15 20 03.5 +6.4
KMI	comp-Z,220nm,7.6s			S	S	15 27 09.5 -5.0
KMI	comp-Z,390nm,19.1s			SS	SS	15 33 02.3 -0.2
KMI	comp-Z,1um,24.1s			pmax	pmax	
KMI	comp-Z,2um,23.2s			pmax	pmax	
A21K	Barrow	87.98	6	IAMS_20	IAMS_20	15 54 04.3
H03S2	Juan Fernandez	88.02	124	T	T	16 54 11.7
H03S1	Juan Fernandez	88.02	124	T	T	16 54 07.6
H03S3	Juan Fernandez	88.02	124	T	T	16 54 09.6
YAK	Yakutsk	88.03	338	LR	LR	15 55 55.9
YAK	comp-Z,442nm,18.3s,baz=133,slow=36			LR	LR	15 55 55.9
YAK	Yakutsk	88.03	338	eP	P	15 16 33.1 +3.2
YAK	comp-Z,24nm,1.1s			SKS	SKS	15 26 58.6 +0.4
YAK	comp-N,5.0nm,1.5s			SS	SS	15 28 20.3
YAK	comp-Z,368nm,7.3s			pmax	pmax	
YAK	comp-N,134nm,7.3s			pmax	pmax	
YAK	comp-E,101nm,4.6s			smax	smax	
YAK	comp-E,186nm,5.1s			smax	smax	
YAK	comp-N,87nm,4.9s			MLR	MLR	
YAK	comp-Z,974nm,25.0s			MLR	MLR	
YAK	comp-N,420nm,22.0s			MLR	MLR	
H03N2	Juan Fernandez	88.12	124	T	T	16 54 19.4
H03N3	Juan Fernandez	88.12	124	T	T	16 54 17.2
H03N1	Juan Fernandez	88.14	124	T	T	16 54 13.0
C27K	Jago River	88.35	11	P	P	15 16 32.9 +1.6
C26K	Camden Bay	88.38	11	P	P	15 16 32.7 +1.3
F31M	Tsightichik	88.79	15	P	P	15 16 35.0 +1.6
LAO	LASA Array	88.80	41	IAMS_20	IAMS_20	15 48 29.1
LAO	LASA Array	88.80	41	P	P	15 16 34.4 +0.5
LAO	LASA Array	88.80	41	P	P	15 16 34.5 +0.5
CD2	Chengdu	88.92	302	P	P	15 16 34.0 -1.0
WRGLY	Wrigley	88.98	21	P	P	15 16 36.2 +1.9
RSSD	Black Hills	89.18	44	P	P	15 16 34.7 -1.4
RSSD	comp-Z,23nm,1.7s			IAMB	IAMB	

Table with columns: COWI, Conover, 99.82, 45, IAMS_20, IAMS_20, 15 59 10.9, etc. Lists various astronomical objects and their coordinates.

Table with columns: BMR, Maresducs, 145.50, 358, dPKP, PKPab, 15 23 20.0 +1.6, etc. Lists astronomical objects with detailed parameters.

Table with columns: SPSI, Sidrap Lu, 8.97, 264, P, Pn, 15 11 46.2 -2.2, etc. Lists astronomical objects with coordinates and identifiers.

SJA 14 15:11:17.2, 1.0, 33:58S:71:33W, h48km, 5km, ML4.0, MW4.0, Hypocentre not reviewed by the ISC

GUC 14 15:11:17.8, 0.8, 33:58S:71:32W, h52km, 2km, ML4.1, NEIC 14 15:11:18.1, 1.2, 33:55S:0:03:71:35W, 0.06, h44km, 5km, mb4.4/7, ML4.1 (GUC), Error ellipse: s-maj=6.9km

IDC 14 15:11:18.2, 0.8, 33:55S:71:30W, h52km, 6km, mb3.6/5, mbmp3.8/11, MS2.9/1, Error ellipse: s-maj=19.9km s-min=12.3km az=131.0

ISC 14 15:11:17.7, 0.6, 33:57S:0:02:71:33W, 0.03, h47km, 4km, n92, e0:94/121, mb4.2/7, 6C-13D, Near coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists seismic station data and event details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VA01, ROC1, MT12, BO01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLCA, AC01, TRQA, LVC, etc.

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

Table with columns: Station Name, Az, Phase ID, Time, Res, Iamb, Iamb, Iamb. Includes stations like DIBR, MOKO, TNCH, ZIRO, ITAN, KOHI, IMP, TEZP, PZH, SHL, MND, KMI, LSA, ODAN, CMAR, RAMN, GOMU, JURN, GUN, PKI, PKIN, KKN, GKN, DANN, KOLN, WMQ, HHC, HHC, KSH, NIL, SONM, MAKZ, AAK, GAR, CHGR, KURBB, GEYT, AKBK, AKTO, KNRA, PSA00, BR131, ARCES, WRA, ASAR, KBN, CLL, GRA1.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Iamb, Iamb, Iamb. Includes stations like GRFO, IMAR, TORD, NEIC, IDC, ISC, STKA, BBOO, ASAR, WRA, WRA, WRA, TXAR, WRH, HDA, H21K, CCB, ILAR, ILAR, MKAR, AKASO, BRTR, KRCL, PRU, NKC, CKRC, GERES, TAP 14 17:06:18.6, JMA 14 17:06:23.1, TAIWAN REGION, ISC 14 17:06:22.5, Code, Station Name, Az, Phase ID, Time, Res, Iamb, Iamb, Iamb.

Table with columns: LATG, Datong, 1.19 224, P, Pn, 17 06 58.0 +0.2. Includes stations like LATG, YHNB, YHNB, NSK, NNS, NNS, NNSB, NNSB, NFF, NFF, NACB, NACB, ET LH, ET LH, ET LH, LIOB, LIOB, LIOB, NSTT, NSTT, IRIF, IRIF, TWT, TWT, WHF, WHF, CHGB, CHGB, CHGB, ESL, ESL, ESL, HATJ, HATJ, JKRS, JKRS, OWD, OWD, WUSB, WUSB, WUSB, JIJ, JIJ, JIJ, JISG, JISG, JISG, WCS, WCS, WCS, DPDB, DPDB, DPDB, VWDT, VWDT, VWDT, SSSL, SSSL, SSSL, JTJ, JTJ, WHYI, WHYI, WHYI, ROM 14 17:08:31.6, ROM 14 17:09:12.9, Code, Station Name, Az, Phase ID, Time, Res, Iamb, Iamb, Iamb.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like H27K, BWN, NEA2, MDM, KTH, etc.

ANF 14 17:14:04.5:0.1,33.24N:116.05W,h15km,ML3.7/23, Error ellipse: s-maj=1.3km s-min=1.1km az=112.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like SALN, SLH, ERRC, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like AOU, L'Aquila, RM33, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like RMX, DREC, BCB3, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like ISA, BWC, SHPR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SSFR, ATFO, SACS, LATE, ARVD, ATVO, BSSO, ATPI, MODR, PIEI, SF04, MPAG, PIGN, FSSB, SF01, BADI, ARCI, PE3, PARC, CRE, MAON, APRC, ASQU, CASP, SGRT, and TRIF.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TRIF, SGTA, RUFU, MSAG, IMOL, MTRC, PALZ, FIU, GROG, PTRP, AMUR, NDM, A05A, B05J, CEY, TDS, BLY, CGRP, A05A, TREB, RNCA, LEOD, BRY, MAGA, MAGA, PTCO, PTCO, SARZ, EUCT, VSL, UPM, MABI, OBKA, DRME, MILZ, ERC, APPI, PDG, ABTA, HAPS, SBF, RUDO, BBL, SJES, SJES, FETA, WTAA, SQTA, LMR, ARSA, IVAS, DIVS, DIVS, MOTA, MBDF, MBDF, BIOA, FRGS, FRGS, and TRUS.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DAVA, MOA, GRUS, LPL, OHR, SELS, CONA, SMRF, SMRF, ORIF, ORIF, FNA, BARS, PRVS, GERES, GERES, CKRC, STIP, CABB, CABB, VIVF, VIVF, KHC, KHC, HINF, HINF, LASF, KEST, CDF, CDF, HAU, HAU, SFTF, SFTF, MKAR, MKAR, NEIC, IDC, OTT, ISC, and various other stations with detailed technical specifications.

IDC 14 17:47:40.0,5.55:22N:164.68E,h0km,mb3.7/12, mbmp3.8/16,ML4.2/4,MS2.8/3,Error ellipse: s-maj=22.2km s-min=12.9km az=170.0

KRSC 14 17:47:48.6,1.7,5.55:08N:164.64E,h49km,mb2.3km,Mc4.0, M4.3

MOS 14 17:47:50.6,0.8,5.55:14N:164.70E,h40km,mb4.5/6,Error ellipse: s-maj=8.1km s-min=5.8km az=60.9

NEIC 14 17:47:51.7,1.6,5.55:2N:0.1:164.6E:0.2,h29km,7km, mb4.3/4,Error ellipse: s-maj=21.9km s-min=12.4km

ISC 14 17:47:50.1,3.1,5.55:13N:0.04:164.70E:0.05,h20km,20km, n139,rs127/157,mb4.2/30,Komandorski Islands region

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

Table with columns: KODAK, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Kodiak Island, China Pool, Sushita One, etc.

NEIC 14 17:49:14.6,2.2,8.08S:0.10:122.66E:0.08,h207km,5km, mb4.0/23,Error ellipse: s-maj=15.2km s-min=9.9km

IDC 14 17:49:16.4,3.0,8.16S:122.56E:h231km,27km,mb3.5/6, mbmp4.0/8,Error ellipse: s-maj=52.1km s-min=10.7km

ISC 14 17:49:15.4,0.5,8.17S:0.06:122.67E:0.06,h226km,m61, rs158/66,mb3.9/12,Flores region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Maumere, Soe, etc.

Table with columns: WRA, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Warramunga Arr, Tennant Creek, etc.

ROM 14 17:51:45.0,0.1,42.369N:0.004:13.344E:0.005, h10km,ML1.7/18,2C-7D,Error ellipse: s-maj=0.4km s-min=0.4km az=11.0,Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like L'Aquila, Pizzolo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Alice Springs, Dumont of Urvil, Warramunga Arr, Tennant Creek, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Juan Fernandez, Kanaga Island, Adak, Paso Flores, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Belle Mtn, Columbia Colle, Pinacete, Big Chuckawall, etc.

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

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like UBR, RETA, MOTA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MNAS, EK2S, EK2S, etc.

14d 19h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ASAR Alice Springs, WRAB Tennant Creek, WBO Warramunga Arr, etc.

NOU 14 18:59:00.8, 30.26S:175.10W, h0km, mb4.9/22, Kermadec Islands Region
IDC 14 18:59:15.9, 0.8, 30.31S:177.55W, h0km, mb4.8/4, mbtmp4.4/8, MS4.1/29, Error ellipse: s-maj=27.2km

NEIC 14 18:59:18.8, 2.6, 30.20S:0.08:177.4W, 0.1, h18km, 4km, mb4.9/34, Error ellipse: s-maj=16.1km s-min=9.5km

ISC 14 18:59:16.9, 0.4, 30.42S:0.04:177.45W, 0.06, h10km, n157, c2114/147, mb4.8/22, MS4/28, Kermadec Islands

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GLKZ Green Lake, RAO Raoul Island, WMO Warramunga Arr, etc.

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Main station list table with columns: HNR, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HNR Honiara, RMQ Roma, TOO Tooolangi, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NB2 NORPAR Subarrat48.84, NOA NORPAR Array B, etc.

MOS 14 19:01:46.3, 0.0, 42.53N:45.43E, h14km, MPVA3.9
NORS 14 19:01:47.4, 0.0, 42.44N:45.41E, h9km, MPVA4.0
TIF 14 19:01:47.1, 42.59N:45.42E, h9km, 2km
DRS 14 19:01:50.3, 0.0, 42.53N:45.53E, h14km
ISC 14 19:01:47.7, 0.9, 42.56N:45.02:45.42E:0.02, h14km, 8km,

443, c1940/85, Eastern Caucasus

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SHTL Shatili, BTLR Botlikh, PNSH Pansheti, etc.

UPP 14 19:02:28.5, 0.1, 67.08N:20.94E, h0km, ML2.3, Suspected explosion
IDC 14 19:02:29.9, 0.9, 67.06N:21.29E, h0km, mbtmp3.2/4, ML2.0/4, Error ellipse: s-maj=17.8km s-min=8.6km

ISC 14 19:02:28.0, 0.8, 67.08N:0.03:20.95E:0.03, h0km, n119, c0873/23, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DUNU Dundret, MASU Masungsbyn, etc.

Table with columns: KALU, SJUU, HEF, KIF, ARCES, etc. Includes station names, coordinates, and time/phase data.

Table with columns: KNRA, FITZ, SOEI, PSAA, PSAX0, MBWA, etc. Includes station names, coordinates, and time/phase data.

Table with columns: PB10, PB10, PB10, PB10, PB10, etc. Includes station names, coordinates, and time/phase data.

SNET 14 19:13:22.70.9, 13.96N; 90.95W, h93km, 19km, ML3.7

CGG 14 19:13:24.30.6, 13.97N; 90.87W, h85km, 8km, MD3.7

ISC 14 19:13:23.8.2, 14.00N; 02.9087W, 0.07, h100km, 25km, n9, e090/18, 3C-2D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like FUG, PACAYA, SULM, etc.

AUST 14 19:57:12.2.1, 9.30'43S; 136.98E, h10km, 12km Error ellipse: s-maj=8.7km s-min=7.8km az=31.0

IDD 14 19:57:12.2.3.9, 29.92S; 137.45E, h0km, mbtmp2.7/3, ML2.8/3, Error ellipse: s-maj=80.3km s-min=17.4km az=44.0

ISC 14 19:57:09.9.0.8, 30.36S; 0.04x136.87E; 0.04, h10km, n10, e164/20, South Australia

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like LCRK, MULG, MULG, BBOO, etc.

comp=Z, 2.2um, 0.1s IPOC Station P 3.25 279 Sn Pn 20 04 42.2 +1.3

comp=Z, 388nm, 0.7s IPOC Station P 3.31 300 Sn Pn 20 04 42.9 +1.1

comp=Z, 1.1um, 0.3s Maricunga 3.36 214 Pn Pn 20 04 44.0 +1.4

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like AC02, PB07, PB07, etc.

KRSC 14 19:14:44.5.1.6, 48.66N; 155.84E, h6km, 22km, MI4.0, Kuril Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like SKR, PAU, KDTR, etc.

WRA Warramunga Arr 10.62 347 Pn Pn 19 59 41.6 -0.6

WRA 0.1nm, 0.3s, baz=162, slow=24, SNR=1.4 0.2nm, 0.4s

SJA 14 20:03:47.6.0.6, 24.03S; 67.02W, h175km, 4km, ML4.5, MW4.2, Hypocentre not reviewed by the ISC

NEIC 14 20:03:49.0.2.8, 24.00S; 0.06; 67.08W; 0.10, h201km, 9km, mb4.5/19, ML 4.9(GUC), Error ellipse: s-maj=13.0km s-min=8.1km az=94.0

VAO 14 20:03:50.2.0.5, 24.05S; 67.08W, h209km, mb4.4 GUC 14 20:03:51.0.5.2, 23.89S; 67.31W, h230km, 7km, ML4.9

ISC 14 20:03:48.5.0.6, 24.04OS; 0.03; 67.05W; 0.06, h194km, 7km, n165, e194/20, mb4.3/8, 14C-2D, Chile-Argentina border region

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

comp=Z, 2.2um, 0.1s IPOC Station P 3.25 279 Sn Pn 20 04 42.2 +1.3

comp=Z, 388nm, 0.7s IPOC Station P 3.31 300 Sn Pn 20 04 42.9 +1.1

comp=Z, 1.1um, 0.3s Maricunga 3.36 214 Pn Pn 20 04 44.0 +1.4

comp=Z, 2.2um, 0.1s IPOC Station P 3.25 279 Sn Pn 20 04 42.2 +1.3

comp=Z, 388nm, 0.7s IPOC Station P 3.31 300 Sn Pn 20 04 42.9 +1.1

comp=Z, 1.1um, 0.3s Maricunga 3.36 214 Pn Pn 20 04 44.0 +1.4

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like G003, G003, G003, etc.

GUC 14 19:19:00.4.0.3, 37.27S; 74.97W, h25km, 5km, ML3.7, Off coast of central Chile

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

comp=Z, 2.2um, 0.1s IPOC Station P 3.25 279 Sn Pn 20 04 42.2 +1.3

comp=Z, 388nm, 0.7s IPOC Station P 3.31 300 Sn Pn 20 04 42.9 +1.1

comp=Z, 1.1um, 0.3s Maricunga 3.36 214 Pn Pn 20 04 44.0 +1.4

comp=Z, 2.2um, 0.1s IPOC Station P 3.25 279 Sn Pn 20 04 42.2 +1.3

comp=Z, 388nm, 0.7s IPOC Station P 3.31 300 Sn Pn 20 04 42.9 +1.1

comp=Z, 1.1um, 0.3s Maricunga 3.36 214 Pn Pn 20 04 44.0 +1.4

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like AF1, STKA, STKA, etc.

comp=Z, 2.2um, 0.1s IPOC Station P 3.25 279 Sn Pn 20 04 42.2 +1.3

comp=Z, 388nm, 0.7s IPOC Station P 3.31 300 Sn Pn 20 04 42.9 +1.1

comp=Z, 1.1um, 0.3s Maricunga 3.36 214 Pn Pn 20 04 44.0 +1.4

comp=Z, 2.2um, 0.1s IPOC Station P 3.25 279 Sn Pn 20 04 42.2 +1.3

comp=Z, 388nm, 0.7s IPOC Station P 3.31 300 Sn Pn 20 04 42.9 +1.1

comp=Z, 1.1um, 0.3s Maricunga 3.36 214 Pn Pn 20 04 44.0 +1.4

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like CFA, ZON, CO06, etc.

ISC 14 19:25:52.2.3.9, 15.79S; 176.41W, h0km, mb4.3/3, mbtmp4.3/3, Error ellipse: s-maj=156.1km s-min=79.0km az=152.0

NEIC 14 19:26:21.3.1.8, 16.19S; 0.3; 176.0W; 0.5, h273km, 32km, mb4.1/12, Error ellipse: s-maj=71.6km s-min=22.1km az=119.0

ISC 14 19:26:21.8.1.5, 16.8S; 0.7x175.9W; 0.4, h300km, n17, e195/13, mb3.9/10, Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like AF1, STKA, STKA, etc.

comp=Z, 2.2um, 0.1s IPOC Station P 3.25 279 Sn Pn 20 04 42.2 +1.3

comp=Z, 388nm, 0.7s IPOC Station P 3.31 300 Sn Pn 20 04 42.9 +1.1

comp=Z, 1.1um, 0.3s Maricunga 3.36 214 Pn Pn 20 04 44.0 +1.4

comp=Z, 2.2um, 0.1s IPOC Station P 3.25 279 Sn Pn 20 04 42.2 +1.3

comp=Z, 388nm, 0.7s IPOC Station P 3.31 300 Sn Pn 20 04 42.9 +1.1

comp=Z, 1.1um, 0.3s Maricunga 3.36 214 Pn Pn 20 04 44.0 +1.4

comp=Z, 2.2um, 0.1s IPOC Station P 3.25 279 Sn Pn 20 04 42.2 +1.3

comp=Z, 388nm, 0.7s IPOC Station P 3.31 300 Sn Pn 20 04 42.9 +1.1

comp=Z, 1.1um, 0.3s Maricunga 3.36 214 Pn Pn 20 04 44.0 +1.4

comp=Z, 2.2um, 0.1s IPOC Station P 3.25 279 Sn Pn 20 04 42.2 +1.3

comp=Z, 388nm, 0.7s IPOC Station P 3.31 300 Sn Pn 20 04 42.9 +1.1

comp=Z, 1.1um, 0.3s Maricunga 3.36 214 Pn Pn 20 04 44.0 +1.4

14d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ALGR Alto Alegre, CPSS Capacava Do Su, PTGB Pitagora, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ROSC El Rosal, HELL Santa Helena, UREC San Jos de Ur, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NOU 14:20:31.28.8, GGMT 14:20:31.4,0.2, etc.

PMG	Port Moresby	38.45 287	P	P	20 38 47.5	-2.4
PMG	comp-Z, 6.8nm, 0.3s, baz=148, slow=7.7, SNR=5.2					
PMG	Port Moresby	38.45 287	P	P	20 38 47.2	-2.8
PMG	comp-Z, 4.8nm, 0.8s					
PMG	Port Moresby	38.45 287	ceP	pmax	20 38 50.7	+0.7
AS31	Alice Springs	45.80 260	P	P	20 39 47.7	-2.2
ASAR	Alice Springs	45.80 260	P	P	20 39 47.3	-2.6
ASAR	comp-Z, 8.8nm, 1.1s, baz=93, slow=6.4, SNR=5.4					
ASAR	comp-Z, 1.2nm, 0.6s, baz=115, slow=4.1, SNR=1.9					
ASAR	comp-Z, 6.91nm, 18.3s, baz=115, slow=35					
WB2	Warramunga Arr	46.27 265	P	P	20 39 49.4	-4.2
WRAB	Tennant Creek	46.27 265	P	P	20 39 49.7	-3.9
WRAB	comp-Z, 1.9nm, 1.1s					
WRAB	Tennant Creek	46.27 265	ceP	pmax	20 39 54.5	+0.9
WBO	Warramunga Arr	46.27 266	P	P	20 39 49.9	-3.8
WRA	Warramunga Arr	46.28 265	P	P	20 39 49.9	-3.8
WRA	comp-Z, 5.4nm, 0.6s, baz=104, slow=8.0, SNR=4.9					
WRA	comp-Z, 1.3nm, 0.8s, baz=93, slow=3.6, SNR=2.0					
WRA	Warramunga Arr	46.28 265	P	P	20 39 49.7	-4.0
WRA	Warramunga Arr	46.28 265	P	pmax	20 39 49.7	-4.0
FORT	Fort Manton	49.75 250	P	P	20 40 17.1	-3.3
MTN	Manfred Dam	51.43 273	I	I	20 40 30.1	-3.1
KNRA	Kununurra	52.61 269	P	P	20 40 38.8	-3.2
SBA	Scott Base	53.94 185	P	P	20 40 50.0	0.0
SBA	Scott Base	53.94 185	P	pmax	20 40 50.0	0.0
VNDA	Vanda	54.04 186	P	P	20 40 51.0	-0.7
VNDA	comp-Z, 3.7nm, 1.0s, baz=92, slow=7.2, SNR=2.5					
VNDA	Vanda	54.04 186	P	I	20 40 51.6	0.0
VNDA	comp-Z, 4.0nm, 1.4s					
VNDA	Vanda	54.04 186	P	LR	20 40 51.0	-0.7
GUMO	Guam	54.07 310	LR	LR	20 40 51.3	
FITZ	Fitzroy Crossi	54.69 265	P	P	20 40 54.4	-2.9
SJIJ	Sorong	56.40 286	LR	LR	21 04 25.8	
NWAO	Narrogin (SRO)	58.52 245	P	P	21 03 51.0	
NWAO	Narrogin (SRO)	58.52 245	P	P	20 41 23.7	-0.6
NWAO	Narrogin (SRO)	58.52 245	P	pmax	20 41 23.7	-0.6
SOEI	Soe	58.82 273	P	P	20 41 26.2	-0.6
PSA00	Pilbara Seismi	58.90 259	P	P	20 41 24.4	-2.7
MBWA	Marble Bar	59.12 259	I	I	20 41 25.8	-2.8
MBWA	comp-Z, 1.6nm, 1.1s					
RPN	Rapa Nui	59.12 108	LR	LR	20 59 55.8	
CASY	Casey	61.21 206	P	P	20 41 42.9	+0.7
KAPI	Kappang	64.82 276	LR	LR	21 05 50.6	
DAV	Davao City (W)	65.28 291	LR	LR	21 05 52.5	
QSPA	South Pole Qui	65.48 180	P	P	20 42 12.8	+2.1
QSPA	comp-Z, 3.3nm, 1.0s, baz=45, slow=1.9, SNR=28					
QSPA	comp-Z, 1.94nm, 18.3s, baz=302, slow=35					
TOLIZ	Tollitoli	66.57 283	P	I	20 42 17.3	-1.1
MJAR	Matsushiro Arr	74.77 323	P	P	20 43 07.2	-0.6
BELA	Beltrano	75.22 172	P	P	20 43 10.7	+0.8
ADK	Adak	76.17 359	P	P	20 43 15.2	-0.2
ADK	Adak	76.17 359	P	pmax	20 43 15.2	-0.2
MAW	Mawson	78.43 199	P	P	20 43 28.4	+0.3
SKR	Santa Cruz Isl	78.94 45	P	P	20 43 34.2	+2.8
SKR	Severo-Kuril's	79.00 342	eP	P	20 43 38.7	+7.5
SKR	comp-Z, 3.4nm, 0.8s, baz=102, slow=9.3, SNR=1.7					
SKR	Severo-Kuril's	79.00 342	eP	SS	20 53 53.3	+2.5
SKR	Severo-Kuril's	79.00 342	eP	SS	20 58 40.5	+5.8
SKR	comp-Z, 2.26nm, 1.1s					
ESJX	Sierra Juarez	80.14 48	P	P	20 43 35.7	-2.5
ELIS	Elsinore Mount	80.16 47	P	P	20 43 36.9	-1.2
MONP2	Monument Peak	80.36 47	P	P	20 43 41.3	+2.0
YSS	Yuzh-Sakhalins	80.51 333	P	P	20 43 38.7	-0.9
YSS	Yuzh-Sakhalins	80.51 333	eP	pmax	20 43 40.5	+1.0
KMPM	Mount Pierce	80.53 37	P	P	20 43 37.7	-2.3
KMPM	comp-Z, 3.5nm, 1.2s					
YUH	Yula Desert	80.55 48	P	P	20 43 38.5	-1.6
EDW2	Edwards Air Fo	80.55 45	P	P	20 43 42.3	+2.1
KMRM	Mail Ridge	80.63 38	P	I	20 43 40.6	+0.1
KMRM	comp-Z, 2.20nm, 0.9s					
ISA	Isabella, Lake	80.74 44	P	I	20 43 40.0	-1.2
ISA	Isabella, Lake	80.74 44	P	pmax	20 43 40.0	-1.2
ISA	Isabella, Lake	80.74 44	P	P	20 43 42.9	+1.7
PFO	Pinyon Flats O	80.77 47	P	P	20 43 43.2	+1.7
PFO	comp-Z, 4.7nm, 1.1s, baz=273, slow=1.9, SNR=6.7					
PFO	Pinyon Flats O	80.77 47	P	P	20 43 40.3	-1.1
PFO	Pinyon Flats O	80.77 47	P	pmax	20 43 40.1	-1.4
PFO	comp-Z, 7.0nm, 1.1s					
PFO	Pinyon Flats O	80.77 47	P	P	20 43 43.1	+1.6
TPFO	Pinon Flats	80.77 47	P	P	20 43 43.1	+1.6
PEA0B	Petrovavlovsk-	80.78 344	iP	P	20 43 40.8	-0.1
PETK	Petrovavlovsk-	80.78 344	P	P	20 43 41.1	+0.3
PETK	Petrovavlovsk-	80.78 344	P	P	20 43 40.3	-0.6
PETK	Petrovavlovsk-	80.78 344	P	P	20 43 40.3	-0.6
SWSC	Sam W. Stewart	80.81 47	P	P	20 43 43.2	+1.7
CMB	Columbia Colle	81.08 41	P	P	20 43 42.2	-0.7
CMB	Columbia Colle	81.08 41	P	pmax	20 43 42.2	-0.7
LRMC	Laurie Mtn Rd	81.13 44	P	P	20 43 45.4	+2.1
BELC	Belle Mtn. Jos	81.31 47	P	P	20 43 46.2	+1.9
KSR5	Korea Array	81.36 318	P	P	20 43 44.9	+0.6
KSR5	comp-Z, 2.2nm, 0.9s, baz=160, slow=5.0, SNR=4.6					
KSR5	comp-Z, 2.7nm, 0.8s					

BC3	Big Chuckawall	81.47 47	P	P	20 43 47.1	+1.9
GLA	Glamis	81.53 48	P	I	20 43 45.3	-0.1
GLA	comp-Z, 2.8nm, 1.4s					
GLA	Glamis	81.53 48	P	pmax	20 43 45.3	-0.1
GLA	comp-Z, 2.8nm, 1.4s					
GLA	Glamis	81.53 48	P	P	20 43 47.5	+2.2
GSC	Goldstone, Bar	81.58 45	P	I	20 43 44.4	-1.3
GSC	comp-Z, 1.3nm, 1.1s					
GSC	Goldstone, Bar	81.58 45	P	pmax	20 43 44.4	-1.3
GSC	comp-Z, 1.3nm, 1.1s					
PIX	Pinacate	81.59 50	P	P	20 43 44.4	-1.2
MPMC	Manual Prospec	81.61 44	P	P	20 43 47.8	+1.9
MDPB	Devils Postpil	81.61 42	P	I	20 43 44.9	-1.1
MDPB	comp-Z, 9.5nm, 0.5s					
OMMB	Old Mammoth Mi	81.65 42	I	I	20 43 53.8	
H03S2	Juan Fernandez	81.93 123	T	T	22 14 50.4	
H03S1	Juan Fernandez	81.95 123	T	T	22 14 53.0	
H03S3	Juan Fernandez	81.95 123	T	T	22 14 52.3	
WAKR	Walker	81.96 41	P	I	20 43 46.3	-1.4
WAKR	comp-Z, 2.5nm, 1.3s					
IRM	Iron Mountain	81.97 47	P	P	20 43 49.8	+2.1
GMRC	Granite Mounta	82.01 46	P	P	20 43 50.1	+2.1
113A	Mohawk Valley,	82.08 49	P	I	20 43 47.4	-0.8
113A	comp-Z, 1.6nm, 1.5s					
DSP	Deep Springs	82.13 43	I	I	20 44 02.0	
YBH	Yreka Blue Hor	82.21 37	P	P	20 43 50.9	+2.1
TUQ	Turquoise Moun	82.23 45	P	P	20 43 50.9	+1.8
LCH	Last Change Ra	82.24 43	I	I	20 44 02.4	
214A	Organ Pipe Nat	82.27 50	P	P	20 43 51.7	+2.4
UGL	Ulgjegorsk	82.47 334	eP	pmax	20 43 51.7	+1.8
NVAR	Minia Array Bea	82.59 42	P	P	20 43 52.9	+1.8
PDMCI	Parker Dam, Lak	82.72 47	P	P	20 43 54.2	+2.6
TPNV	Topopah Spring	82.94 44	P	I	20 43 51.5	-1.4
TPNV	Topopah Spring	82.94 44	P	pmax	20 43 51.5	-1.4
TPNV	Topopah Spring	82.94 44	P	P	20 43 55.2	+2.3
V12A	Nelson	83.10 46	I	I	20 44 07.4	
KVN	Kaiserville	83.11 41	P	I	20 43 53.0	-0.8
KVN	Kaiserville	83.11 41	P	pmax	20 43 53.0	-0.8
USA0B	Ussuriysk Arra	83.55 325	iP	P	20 43 55.7	+0.1
USRK	Ussuriysk Ar.	83.55 325	P	P	20 43 56.7	+1.2
MOD	Modoc Plateau	83.66 38	I	I	20 43 56.2	-0.3
MOD	comp-Z, 1.6nm, 1.1s					
SNA	Sanae	83.85 178	P	P	20 43 57.9	+0.9
SNA	Sanae	83.85 178	P	pmax	20 43 57.9	+0.9
K05A	Summer Lake	83.88 37	P	P	20 43 55.9	-1.7
TUC	Tucson	83.88 50	P	I	20 43 56.3	-1.4
TUC	comp-Z, 1.6nm, 1.3s					
TUC	Tucson	83.88 50	P	pmax	20 43 56.3	-1.4
TUC	comp-Z, 1.6nm, 1.3s					
J05D	Fort Rock, OR	84.06 37	P	P	20 43 57.0	-1.4
NJ2	Nanjing	84.13 309	eP	pmax	20 43 59.3	+0.5
PINE	Pine Mountain	84.56 36	I	I	20 44 14.4	
PLCA	Paso Flores	84.92 133	LR	LR	21 12 37.1	
MDJ	Mudanjiang	85.09 324	P	P	20 44 04.3	+0.9
MDJ	comp-Z, 2.0nm, 1.1s					
MDJ	Mudanjiang	85.09 324	P	SS	20 47 23.1	+1.9
MDJ	Mudanjiang	85.09 324	P	SS	21 00 12.5	+6.9
MDJ	comp-Z, 7.0nm, 0.9s					
MDJ	comp-Z, 1.70nm, 3.6s					
Q12A	Willow Creek R	85.10 43	P	I	20 44 02.8	-1.0
Q12A	comp-Z, 2.0nm, 1.2s					
U15A	North Rim	85.19 46	I	I	20 44 18.5	
I07A	Ize	85.53 37	P	P	20 44 03.6	-2.2
I07A	comp-Z, 1.1nm, 1.1s					
ELK	Elko	85.88 42	P	P	20 44 09.3	+1.5
GRNR	Gornyy	86.12 332	iP	pmax	20 44 09.2	+0.8
GRNR	comp-Z, 2.0nm, 1.2s					
MSU	Marysvale	86.47 45	P	P	20 44 10.0	-0.7
MSU	Marysvale	86.47 45	P	P	20 44 10.0	-0.7
CN2	Changchun	86.84 322	eP	pmax	20 44 12.5	+0.4
CN2	comp-Z, 1.0nm, 0.9s					
CN2	Changchun	86.84 322	eP	pmax	20 44 12.5	+0.4
CN2	comp-Z, 1.0nm, 0.9s					
BNX	BinXian	87.00 324	iP	pmax	20 44 13.1	+0.3

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WMQ, ZALV, NRK, MKAR, KURK, BOS, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KRALIKY, Muntele Rosu, MORC, etc.

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

ROM 14 20:50:06.0:0.1, 42.796N:0.002:13.238E:0.004, h15km, ML0.9/3, 1D, Error ellipse: s-maj=0.2km s-min=0.2km az=264.0, Central Italy

AEIC 14 21:01:09.4:2.3, 52.10N:0.08:170.41W:0.09, h24km, 4km, Error ellipse: s-maj=12.2km s-min=6.5km az=150.0

TEH 14 20:42:56.7, 29.25N:57.14E, h100km, ML2.5 DSN 14 20:42:59.0, 28.83N:57.30E, h15km, ML2.8/7, Error ellipse: s-maj=32.3km s-min=6.7km az=109.0

ISC 14 20:42:57.1:0.9, 29.02N:0.03:57.13E:0.06, h10km, n41, i189/60, Southern Iran

SOMM	comp=Z,8.0nm,0.7s,baz=54,slow=1.4,SNR=12	ScP	21 15 16.6 +1.7	HDIL	Hopedale	54.46	68	P	P	21 10 32.9 -1.2	comp=Z,4.3nm,0.5s	JETT	Jettan, Norway	58.23	355	eP	I	21 11 01.0 +0.3
SOMN	comp=Z,1.6nm,0.9s,baz=50,slow=3.9,SNR=6.9	LR	21 33 30.7	HDIL	Hopedale	54.46	68	P	P	21 10 33.3 -0.9	JETT	JETT				I	21 11 01.4	
SOMN	comp=Z,444nm,19.4s,baz=52,slow=38	LR		HHAR	Hobbs	54.62	75	P	I	21 10 34.1 -1.3	WWT	Waverly	58.31	71	P	P	21 11 00.8 -0.8	
SOMN	comp=Z,37nm,1.4s	I	21 10 06.4 +0.1	HHAR	Hobbs	54.62	75	P	I	21 10 34.8	WWT	Waverly	58.31	71	P	P	21 11 01.0 -0.6	
SOMN	comp=Z,37nm,1.4s	I	21 10 06.4 +0.1	X37A	Clayton	54.92	77	P	P	21 10 37.8 +0.2	WWT	Waverly	58.31	71	P	P	21 11 00.8 -0.8	
SOMN	comp=Z,37nm,1.4s	I	21 10 06.4 +0.1	P43A	Skaggs, Pawnee	54.94	69	P	P	21 10 37.0 -0.6	WWT	Waverly	58.31	71	P	P	21 11 00.8 -0.8	
ZAK	Zakamensk	50.74	304	eP	CCM	Cathedral Cave	55.01	71	P	P	21 10 37.0 -1.1	XAN	Xi'an	58.38	286	pP	P	21 11 14.4 -0.1
ZAK	Zakamensk	50.74	304	eP	CCM	Cathedral Cave	55.01	71	P	P	21 10 37.0 -1.1	XAN	Xi'an	58.38	286	pP	P	21 11 02.3 +0.1
ZAK	Zakamensk	50.74	304	eP	CCM	Cathedral Cave	55.01	71	P	P	21 10 37.0 -1.1	XAN	Xi'an	58.38	286	pP	P	21 19 05.3 +3.8
MNTX	comp=Z,12nm,1.3s	P	21 10 07.5 +0.1	CCM	Cathedral Cave	55.01	71	P	P	21 10 36.5 -1.6	XAN	Xi'an	58.38	286	pP	P	21 11 02.4 +0.1	
MNTX	comp=Z,12nm,1.3s	P	21 10 07.5 +0.1	CCM	Cathedral Cave	55.01	71	P	P	21 10 36.5 -1.6	XAN	Xi'an	58.38	286	pP	P	21 11 15.8 +0.4	
MSTX	Muleshoe	50.86	83	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	SSLB	Suanguang	58.43	269	P	P	21 11 02.4 +0.3
MSTX	Muleshoe	50.86	83	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	YULB	Yu-li	58.51	288	P	P	21 11 03.5 +0.9
MSTX	Muleshoe	50.86	83	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	OXF	Oxford	58.52	73	P	P	21 10 57.6 -5.5
G40A	Rib Lake	50.91	64	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	ERPA	Erie	58.55	61	P	P	21 11 02.9 -0.3
AMTX	Amarillo	50.91	81	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	SSLB	Suanguang	58.43	269	P	P	21 11 02.9 -0.1
MOY	Mondy	51.10	307	eP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	M53A	WI Miller and	58.65	62	P	P	21 11 03.6 -0.3
MOY	Mondy	51.10	307	eP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	M53A	WI Miller and	58.65	62	P	P	21 11 03.6 -0.3
HOPEN	Hopen	51.12	355	eP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	LVZ	Lovozero	58.69	349	P	P	21 11 03.5 -0.3
HOPEN	Hopen	51.12	355	eP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	LVZ	Lovozero	58.69	349	eP	P	21 11 02.5 -1.3
SUMG	Summit	51.12	17	iP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	LVZ	Lovozero	58.69	349	eP	P	21 11 03.4 -0.4
SUMG	Summit	51.12	17	iP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	R50A	Paris	58.82	67	P	P	21 11 04.4 -0.7
KSU1	Kansas State U	51.17	74	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	R50A	Paris	58.82	67	P	P	21 11 04.4 -0.7
SCIA	State Center	51.33	69	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	R50A	Paris	58.82	67	P	P	21 11 04.4 -0.7
SCIA	State Center	51.33	69	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	R50A	Paris	58.82	67	P	P	21 11 04.4 -0.7
SCIA	State Center	51.33	69	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	R50A	Paris	58.82	67	P	P	21 11 04.4 -0.7
E43A	Lone Tree Farm	51.96	61	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	DGZ	Jazzator, Alta	58.85	312	eP	P	21 11 05.0 -0.4
TIA	Tai'an	52.01	282	iP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	DGZ	Jazzator, Alta	58.85	312	eP	P	21 11 05.0 -0.4
TIA	Tai'an	52.01	282	iP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	DGZ	Jazzator, Alta	58.85	312	eP	P	21 11 05.0 -0.4
N38A	comp=Z,29nm,0.8s	P	21 10 16.0 -0.4	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8	
N38A	comp=Z,29nm,0.8s	P	21 10 16.0 -0.4	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8	
DBG	Daneborg	52.16	10	iP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
DBG	Daneborg	52.16	10	iP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
HHC	Hu-ho-hao-te	52.23	290	eP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
HHC	Hu-ho-hao-te	52.23	290	eP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
HHC	Hu-ho-hao-te	52.23	290	eP	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.1 -0.8
GUMO	Guam	52.37	239	P	JCT	Junction City	55.09	84	P	P	21 10 38.2 -0.7	O52A	Adamsville	58.93	64	P	P	21 11 05.

Table with columns: IAMB, IAMB, 21 11 27.2, SATY, Saty, 67.95 312 eP, P, 21 12 06.3 +0.7, ESK, Eskdalemuir, 72.29 8 P, P, 21 12 31.8 +0.1

Table with columns: IAMB, IAMB, 21 11 27.2, SATY, Saty, 67.95 312 eP, P, 21 12 06.3 +0.7, ESK, Eskdalemuir, 72.29 8 P, P, 21 12 31.8 +0.1

Table with columns: IAMB, IAMB, 21 11 27.2, SATY, Saty, 67.95 312 eP, P, 21 12 06.3 +0.7, ESK, Eskdalemuir, 72.29 8 P, P, 21 12 31.8 +0.1

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PCAS Casmilo, OUR Uranopolis, EZN Ezine, etc.

ROM 14 21:08:28.2±0.1, 42.6222N±0.004, 13.233E±0.005, h11km, ML1.6/1.9, C-1D, Error ellipse: s-maj=0.4km s-min=0.3km az=236.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like T1218 Civita (PG), T1218, etc.

Main table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like T1218, RM33 Pellescritta, T1214 Arquata del Tr, etc.

ROM 14 21:09:02.1±0.1, 42.6222N±0.004, 13.231E±0.004, h13km, ML1.6/5.5, C-2D, Error ellipse: s-maj=0.4km s-min=0.2km az=203.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SMA1 SAN MARTINO, SMA1, SMA1, etc.

IDC 14 21:11:35.7±1.1, 28.06N±1.04, h0km, mb3.5/6, mbmp3.5/7, ML3.4/1, Error ellipse: s-maj=70.9km s-min=19.8km az=61.0

ISC 14 21:11:37.5±1.3, 28.06N±1.04, h10km, n8, s194/11, mb3.5/6, Sichuan

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CD2 Chengdu, CD2, CD2, etc.

IDC 14 21:30:35.9±0.9, 39.98N±1.45, h0km, mb3.7/11, mbmp3.8/15, ML3.5/4, MS3.1/2, Error ellipse: s-maj=22.4km s-min=18.1km az=128.0

NEIC 14 21:30:38.5±1.4, 40.05N±0.15, h145±0E±0.1, h10km, 1km, mb4.0/8, Error ellipse: s-maj=16.6km s-min=8.6km az=80.0

NIED 14 21:30:40.1, 40.11N±1.44, h44km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mrr-3.81; Mss-0.25; Mss0.96; Mss0.27; Mrr-0.66;

FAE OFF NORTH HONSHU

ISC 14 21:30:41.1±0.7, 40.09N±0.05, h44±9E±0.07, h32km, n60, s153/78, mb4.0/15, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ERM Erimo, JEM Erimo, JTH Tanohata, etc.

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNTG Esanatoglia and EL6 Elicto.

INET 15 01:11:21.5:0.3, 13.28N:87.87W, h4km,6km, ML3.3
SNET 15 01:11:23.1:1.6, 13.30N:87.78W, h5km, ML3.2
ISC 15 01:11:22.8:0.9, 13.32N:0.05:87.77W:0.04, h15km, 7km,

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CNCH Conchagua, LCND La Caada, FAGO Alcaldia de S, etc.

ROM 15 01:11:44.1:0.1, 42.847N:0.003:13.239E:0.004, h14km, ML0.9/2, 1C-3D, Error ellipse: s-maj=0.3km s-min=0.3km az=126.0, Central Italy

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1245 Castelsantange, MC2 Monte Cornacci, MMO1 Montemonaco, etc.

IDC 15 01:14:32.2:3.6, 5.54S:129.26E, h316km, 52km, mb3.2/1, mbtmp4.1/4, Error ellipse: s-maj=93.5km s-min=15.8km az=79.0, Banda Sea

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJIJ Sorong, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 15 01:17:13.9:2.1, 24.41S:179.89E, h482km, 25km, mb3.4/8, mbtmp4.3/10, Error ellipse: s-maj=26.8km s-min=16.2km az=156.0

NEIC 15 01:17:18.3:1.8, 24.6S:0.1:179.8E:0.2, h539km, 10km, mb4.3/22, Error ellipse: s-maj=20.0km s-min=19.5km az=104.0

ISC 15 01:17:16.5:0.6, 24.63S:0.08:179.84E:0.09, h517km, n46, r1935/40, mb4.2/18, South of Fiji Islands

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, PINNC Niue, DZM Mont Dzumac, etc.

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Kununurra, etc.

WRA Warramunga Arr 42.21 267 P P 01 24 23.6 -0.5
WRA Kununurra 48.54 270 P P 01 25 12.2 -0.3

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VANDA Vanda, PSA00 Pilbara Seismi, MBWA Marble Bar, etc.

ROM 15 01:29:17.4:0.1, 42.828N:0.003:13.143E:0.004, h9km, ML1.4/5, 1C-4D, Error ellipse: s-maj=0.4km s-min=0.1km az=310.0, Central Italy

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1245 Castelsantange, T1245 Arquata del Tr, T1212 Preci, Frazion, etc.

ROM 15 01:29:55.1:0.1, 42.808N:0.002:13.115E:0.004, h10km, ML0.5/1, 2C-1D, Error ellipse: s-maj=0.3km s-min=0.1km az=301.0, Central Italy

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1245 Castelsantange, T1245 Arquata del Tr, T1212 Preci, Frazion, etc.

ROM 15 01:30:41.7:0.1, 42.555N:0.007:13.295E:0.006, h14km, 1km, ML0.9/2, 1C, Error ellipse: s-maj=0.6km s-min=0.5km az=346.0, Central Italy

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RM33 Pellescritta, RM33 Warramunga Arr, WRAB Tennant Creek, etc.

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RM33 SAN MARTINO, SMA1 SAN MARTINO, etc.

RM33 SAN MARTINO 0.08 21 P P 01 30 45.2 +0.3
SMA1 SAN MARTINO 01 30 47.4 +0.5

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAMP Campotosto, T1246 Crognaleto (TE), T1218 Civita (PG), etc.

KRNET 15 01:31:52.3:0.1, 40.74N:73.24E, h27km, mb3.3, NNC 15 01:31:53.2:0.8, 40.82N:73.26E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=5.1km s-min=3.7km az=172.0

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHH Osh, OHH Osh, ANR Andizhan, etc.

ROM 15 01:31:49.6:1.1, 40.62N:0.003:73.50E:0.02, h13km, 9km, n83, r1928/118, 30C-37D, Kyrgyzstan

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML Almayashu, AML Almayashu, CHMI Chimion, etc.

SGDS	Sogindy	2.95	16	Pg	Pg	01 32 45.2	-1.0
SGDS	3.8nm,0.2s			Lg	Lg	01 33 22.3	
IUG	32nm,0.4s	3.02	301	Pg	Pb	01 32 43.6	+0.3
IUG	Iuzhny			Lg	Lg	01 33 19.4	
IUG	153nm,0.6s	3.02	301	ePg	Pb	01 32 43.6	+0.3
IUG	Iuzhny			eLg	Lg	01 33 19.4	
YBZ	153nm,0.6s	3.04	284	P	Sb	01 33 20.0	-0.7
KST	Kastek	3.04	36	Pg	Pg	01 32 49.3	+1.4
KST	0.8nm,0.2s			Lg	Lg	01 33 28.6	
KST	29nm,0.4s	3.04	36	ePg	Pg	01 32 49.3	+1.4
KST	Kastek			eLg	Lg	01 33 28.6	
KST	0.8nm,0.2s			Lg	Lg	01 33 28.6	
DGS	29nm,0.4s	3.12	32	Pg	Pg	01 32 49.8	+0.4
DGS	Degeres			Lg	Lg	01 33 30.0	
DGS	14nm,0.4s			Lg	Lg	01 33 30.0	
DGS	32nm,0.6s	3.12	32	ePg	Pg	01 32 49.8	+0.4
DGS	Degeres			eLg	Lg	01 33 30.0	
DGS	14nm,0.4s			Lg	Lg	01 33 30.0	
KDJ	32nm,0.6s	3.15	60	fP	Pb	01 32 44.9	-0.8
KDJ	Kajisay			fP	Pb	01 32 44.9	-0.8
KDJ	baz=64			fP	Pb	01 32 22.8	-1.3
TAS	baz=64	3.26	284	fP	Sb	01 32 41.4	+0.9
TAS	Tashkent			fP	Sb	01 33 17.4	-1.8
TAS	baz=82			fP	Sb	01 33 29.5	+2.3
KUMR	Kumaryk	3.27	282	P	Sb	01 32 53.5	+0.1
MTBS	Matube	3.33	40	Pg	Pg	01 33 35.7	
MTBS	12nm,0.5s			Lg	Lg	01 32 53.5	+0.1
MTBS	20nm,0.6s	3.33	40	ePg	Pg	01 33 35.7	
MTBS	Karabay			eLg	Lg	01 32 47.9	-0.8
KK31	Kararay Array	3.34	319	fP	Pb	01 32 42.6	+1.1
KK31	1.3nm,0.2s, baz=138, slow=16, SNR=26			Lg	Lg	01 33 29.7	
KKAR	Kararay Array	3.34	319	fP	Pn	01 32 42.6	+1.1
KKAR	baz=20			fP	Sb	01 33 19.3	-1.8
IZV	Izvestkoviy	3.35	43	Pg	Pg	01 32 53.8	0.0
IZV	5.1nm,0.4s			Lg	Lg	01 33 37.0	
IZV	20nm,0.6s	3.35	43	ePg	Pg	01 32 53.8	0.0
IZV	Izvestkoviy			eLg	Lg	01 33 37.0	
IZV	5.1nm,0.4s			Lg	Lg	01 33 37.0	
KRBS	Karabastau	3.47	27	Pg	Pg	01 32 55.0	-1.1
KRBS	4.2nm,0.4s			Lg	Lg	01 33 38.5	
KRBS	22nm,0.8s	3.47	27	ePg	Pg	01 32 55.0	-1.1
KRBS	Karabastau			eLg	Lg	01 33 38.5	
KRBS	4.2nm,0.4s			Lg	Lg	01 33 38.5	
TNSS	Tian-Shan	3.53	46	Pg	Pg	01 32 58.0	+0.7
TNSS	5.3nm,0.3s			Lg	Lg	01 33 43.7	
TNSS	10nm,0.4s	3.53	46	ePg	Pg	01 32 58.0	+0.7
TNSS	Tian-Shan			eLg	Lg	01 33 43.7	
TNSS	5.3nm,0.3s			Lg	Lg	01 33 43.7	
MDOK	Medeo	3.67	45	fP	Pg	01 33 00.2	+1.0
MDOK	11nm,0.9s			Lg	Lg	01 33 09.3	
MDOK	8.1nm,0.5s	3.67	45	ePg	Pg	01 33 00.2	+1.0
MDOK	12nm,0.8s			Lg	Lg	01 33 50.2	
MDOK	26nm,1.3s			Lg	Lg	01 33 00.9	+1.0
MDOK	8.1nm,0.5s	3.67	45	ePg	Pg	01 33 00.9	+1.0
MDOK	12nm,0.8s			Lg	Lg	01 33 49.3	
ANVS	Anan'yevoy	3.80	54	fP	Pb	01 32 53.2	-3.4
ANVS	baz=57			fP	Sb	01 33 38.1	-4.5
KTBS	Karabote	3.89	36	Pg	Pg	01 33 04.2	+0.1
KTBS	5.2nm,0.4s			Lg	Lg	01 33 54.2	
KTBS	59nm,0.4s	3.89	36	ePg	Pg	01 33 04.2	+0.1
KTBS	Karabote			eLg	Lg	01 33 54.2	
KTBS	5.2nm,0.4s			Lg	Lg	01 33 54.2	
CHKK	Chushkaly	4.14	38	Pg	Pg	01 33 08.9	0.0
CHKK	5.5nm,0.3s			Lg	Lg	01 34 02.5	
CHKK	19nm,0.4s	4.14	38	ePg	Pg	01 33 08.9	0.0
CHKK	Chushkaly			eLg	Lg	01 34 02.5	
CHKK	5.5nm,0.3s			Lg	Lg	01 34 02.5	
SATY	Saty	4.40	55	Pg	Pg	01 33 14.4	+0.5
SATY	19nm,0.4s			Lg	Lg	01 34 11.6	
SATY	15nm,0.6s	4.40	55	ePg	Pg	01 33 14.4	+0.5
SATY	Saty			eLg	Lg	01 34 11.6	
SATY	15nm,0.6s			Lg	Lg	01 34 11.6	
BTLS	Baital	4.44	5	Pg	Pb	01 33 10.8	+3.4
BTLS	2.2nm,0.3s			Lg	Lg	01 34 05.8	
BTLS	13nm,0.6s	4.44	5	ePg	Pb	01 33 10.8	+3.4
BTLS	Baital			eLg	Lg	01 34 05.8	
BTLS	2.2nm,0.3s			Lg	Lg	01 34 05.8	
ZHN	Zhinishke	4.48	54	Pg	Pg	01 33 17.7	+2.3
ZHN	13nm,0.6s			Lg	Lg	01 34 17.2	
ZHN	5.3nm,0.3s	4.48	54	ePg	Pg	01 33 17.7	+2.3
ZHN	Zhinishke			eLg	Lg	01 34 17.2	
ZHN	5.3nm,0.3s			Lg	Lg	01 34 17.2	
KPKS	Kokpek	4.79	52	Pg	Pg	01 33 22.0	+0.6
KPKS	5.8nm,0.6s			Lg	Lg	01 34 24.8	
KPKS	9.4nm,0.5s	4.79	52	ePg	Pg	01 33 22.0	+0.6
KPKS	Kokpek			eLg	Lg	01 34 24.8	
KPKS	5.8nm,0.6s			Lg	Lg	01 34 24.8	
ARXS	Arharly	4.81	40	Pg	Pg	01 33 20.4	-1.3
ARXS	4.2nm,0.5s			Lg	Lg	01 34 22.6	
ARXS	13nm,0.6s	4.81	40	ePg	Pg	01 33 20.4	-1.3
ARXS	Arharly			eLg	Lg	01 34 22.6	
ARXS	4.2nm,0.5s			Lg	Lg	01 34 22.6	
UZB	Uzynbulak	4.83	57	Pg	Pg	01 33 21.4	-0.7
UZB	4.7nm,0.4s			Lg	Lg	01 34 23.6	
UZB	6.4nm,0.3s	4.83	57	ePg	Pg	01 33 21.4	-0.7
UZB	Uzynbulak			eLg	Lg	01 34 23.6	
UZB	4.7nm,0.4s			Lg	Lg	01 34 23.6	
PDGK	Podgornoye	5.22	57	Pg	Pg	01 33 28.9	-0.7
PDGK	3.1nm,1.2s			Lg	Lg	01 34 36.8	
PDGK	2.0nm,0.6s	5.22	57	fP	Pg	01 33 28.6	-1.0
PDGK	Podgornoye			fP	Lg	01 34 39.9	
PDGK	6.5nm,1.1s			fP	Lg	01 34 39.9	
DJR	Jarkent	5.95	49	Pg	Pg	01 33 42.2	-1.3
DJR	2.3nm,0.7s			Lg	Lg	01 34 59.4	

DJR	7.0nm,1.1s			Lg	Lg	01 34 59.4		
DJR	Jarkent	5.95	49	ePg	Pg	01 33 42.2	-1.3	
DJR	2.3nm,0.7s			eLg	Lg	01 34 59.4		
DJR	7.0nm,1.1s			Lg	Lg	01 34 59.4		
MAN 15 01:37:46.4, 19:62N:121:29E, h26km, mb4.9, ML3.8,								
MS3.7, 6C, Philippine Islands region								
Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC	Time	Res
CICP	Calayan Island	0.40 153E	Op	Pn	01 37 56.4	0.0		
CICP			eS	Pn	01 38 04.5	+1.4		
BBP	Basco	1.03 38E	eP	Pn	01 38 04.3	-0.8		
BBP			eS	Pn	01 38 19.3	+0.5		
PACPP	Pamplona Cagay	1.16 177E	eP	Pn	01 38 06.1	-0.8		
PACPP			eS	Pn	01 38 21.5	-0.3		
APYP	Conner	1.75 182E	eP	Pn	01 38 15.2	+0.1		
APYP			eS	Pn	01 38 38.0	-1.4		
ABRA	Dolores	2.04 196E	eP	Pn	01 38 17.6	-1.4		
ABRA			eS	Pn	01 38 44.8	+1.2		
SAMP	Sagada Mountai	2.55 188E	eP	Pn	01 38 27.9	+1.8		
SAMP			eS	Pn	01 38 59.9	+2.5		
MOS 15 01:38:52.9±0.8, 1:80N:127:05E, h43km, mb4.9/29, Error ellipse: s-maj=11.7km s-min=6.4km az=101.6								
BUJ 15 01:38:56.2±0.0, 1:80N:127:10E, h65km, mb4.7/43, mB5.2/24, Ms4.7/6, Ms7.4/5.5								
IDC 15 01:38:57.4±1.5, 1:79N:127:14E, h71km, 12km, mb4.3/23, mbmp4.6/26, MS3.7/11, Error ellipse: s-maj=18.2km s-min=7.7km az=77.0								
NEIC 15 01:38:57.1±1.4, 1:76N:127:03E:0.03, h63km, 5km, mB5.3/11, mb5.0/24, MLv4.9/15, Mw(mB)4.7/11 az=150.0								
DJA 15 01:38:57.0±2.2, 2°N:2°12'7E, h59km, 3km, M4.8/24, mB5.3/11, mb5.0/24, MLv4.9/15, Mw(mB)4.7/11								
ISC 15 01:38:56.8±0.2, 1:82N:127:06E:0.04, h63km, n40Z, e1539/425, mb4.9/104, 16C-6D, Halmahera								
Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC	Time	Res
TNTI	Ternate	1.08 164	Op	Pn	01 39 17.2	+1.2		
TNTI			S	Pn	01 39 17.2	+1.2		
TNTI			S	Pn	01 39 31.8	+1.5		
SGSI	Sangihe	2.41 321	P	Pn	01 39 34.0	+0.1		
SGSI			S	Pn	01 40 02.3	0.0		
LBMI	Labuha	2.48 170	P	Pn	01 39 56.7	+1.9		
LBMI			S	Pn	01 40 48.5	+4.2		
SANI	Sanana	3.99 196	P	Pn	01 39 56.2	+0.7		
SANI			S	Pn	01 40 40.1	-0.9		
GTOI	Gorontalo	4.22 254	P	Pn	01 40 01.3	+2.7		
GTOI			S	Pn	01 40 49.8	+3.2		
GSFH	General Santos	4.74 334E	fS	Pn	01 40 04.1	-1.8		
GSFH			fS	Pn	01 40 56.9	-2.7		
SJJI	Sorong	4.98 122	P	Pn	01 40 10.7	+1.6		
NLAI	Namlea	5.02 180	P	Pn	01 40 11.2	+1.6		
LUWI	Luwuk	5.14 237	Pn	Pn	01 40 07.4	-3.9		
LUWI	Luwuk	5.14 237	P	Pn	01 40 15.5	+4.2		
MRSI	Marisa	5.29 256	P	Pn	01 40 15.3	+2.0		
SKMP	Bagumbayan, Su	5.31 332E	eP	Pn	01 40 13.5	0.0		
SKMP			eS	Pn	01 41 09.3	-4.0		
DAV	Davao City (W)	5.42 344	P	Pn	01 41 07.7	+0.5		
DAV	430nm,0.4s, baz=162, slow=6.4, SNR=1.8			Sn	01 41 18.3	+1.9		
DAV	262nm,0.4s, baz=105, slow=21, SNR=3.5			LR	01 42 22.8			
MSAI	Masol	5.46 160	P	Pn	01 40 17.5	+1.9		
KCP	Kidapawan	5.52 339E	fP	Pn	01 40 17.4	+0.8		
KCP			fS	Pn	01 41 19.7	+1.0		
AAI	Ambon	5.58 168	P	Pn	01 40 21.7	+4.4		
CDOP	Cateel, Davao	5.96 354E	eP	Pn	01 40 23.1	+0.6		
CDOP			eS	Pn	01 41 27.1	-2.3		
CTBH	Cotabato-PC H	6.06 332E	eP	Pn	01 40 24.0	+0.1		
TOLIZ	Tolitoli	6.32 264	Pn	Pn	01 40 27.6	+0.1		
BUKP	Musuan	6.34 342E	eP	Pn	01 40 28.7	+0.5		
BUKP			eS	Pn	01 41 27.9	+1.1		
BIPH	Bislig	6.37 354E	eP	Pn	01 40 27.8	-0.3		
BIPH			eS	Pn	01 41 35.7	-3.7		
TASP	Talacogon, Agu	6.71 349	eS	Pn	01 41 52.1	+4.2		
TASP	Talacogon, Agu	6.71 349E	eP	Pn	01 40 34.9	+2.1		
FAKI	Fak Fak	7.00 132	Pn	Pn	01 40 36.5	+0.2		
FAKI	Fak Fak	7.00 132	P	Pn	01 40 36.8	0.0		
CGP	Cagayan de Oro	7.00 340	eP	Pn	01 40 39.6	+2.7		
BUTP	Butuan	7.25 349E	eP	Pn	01 40 42.7	+2.5		
BUTP			eS	Pn	01 40 42.8	+1.8		
MPISI	Mapaga	7.31 259	P	Pn	01 40 42.8	+1.8		
RKPI	Ransiki, Papua	7.84 115	P	Pn	01 40 50.8	+2.5		
GLSP	General Luna	7.97 353E	eP	Pn	01 40 51.6	+1.6		
GLSP			eS	Pn</				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include: L27K Beaver Creek, I27K Kandiki River, DAWK Dawson, L29M L29M, K29M Barlow Dome, EPYK Eagle Plains, M30M Minto Yukon, BRTR Keskin Array B, INK Inuvik, F31M Tsigeitohic, ARCES ARCES Array B, FARO Faro, N32M Quiet Lake, FINES FINESS Array B, C36M Paulatuk, WTLY Watson Lake, YKA Yellowknife Ar, ECSD EROS Data Cent, MNXX Cornudas Mount, SCHO Schefferville, TXAR Lajitas Array, TORO Torodi Ar, JCT Junction City, S39A Bolivar, PLCA Paso Flores, MT13 San Alfonso, BOAB BOAC BROADBAND, CFA Coronel Fontan, CO01 Juntas del Tor, AC05 El Transito, CPUP Villa Florida, SIV San Ignacio, BDFB Brasilia.

NOU 15:01:57:57.9, 40.785N, 174.80E, h43km, MLV3.4/7, Cook Strait, New Zealand
WEL 15:01:57:57.0, 4.41S, 177.5E, h29km, 4km, M3.3/21, ML3.6/21, MLV3.3/21, Error ellipse: s-maj=0.0km s-min=0.0km az=161.4, confirmed
ISC 15:01:57:58.1, 1.3, 40.755N, 0.03, 174.75E, 0.003, h51km, 6km, n92, c095/102, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include: KIW Kapiti Island, OGWZ Otaki Gorge, CAW Cannon Point, WEL Wellington, SNZO South Karori, TCW Tory Channel, HOWZ Holdsworth Sta, DUWZ D'Urville Isla, MRZ Mangatainoka R, MTW Mount Morrison, PAWZ Paruru Farm, POWZ Post Office Roc, TIWZ Tintock, PLWZ Palliser, TUWZ Tuamarina, TMWZ Te Maipa, PRWZ Pori Road, TRWZ Traveller, WAZ Wanganui, CMWZ Cape Campbell, NNZ Nelson, BFZ Birch Farm, PNHZ Pukenui, WPHZ Waipukurau, NMEZ Namu Road, PRHZ Porangahau, PKVZ Pokanga, MOVZ Moawhango, KHEZ Kahui Hut, NEZ North Egmont, WNVZ Wahianoa, TRVZ Turoa, DRZ Dome Shelter, WHVZ Whangaeu Hut, BHHZ Black Hill Sta, FWVZ Far West T-bar, DREZ Dera Road, VRZ Veru Road, NBEZ Newall Road No, TUWZ Tukino, MRNZ Matariki Terra, PKEZ Pukeiti, QRZ Quartz Range, QNZ Quartz Range, NGZ Ngauruhoe, SRZ South Ngauruhoe, THZ Topohue, OTVZ Oturere, NNVZ North Ngauruhoe, NWVZ West Tongariro, TWVZ Taureua, TMVZ Te Maari, KRVZ Karewarewa, NTVZ North Tongariro, KWHZ Kaweka Forest, KAHZ Kahuranaki, KHZ Kahutara, KATZ Kakarama, RITZ Rihia Road.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include: MCHZ McNeill Hill, RATZ Rangititika, BKZ Black Stump Fm, KHZ Black Stump Fm, BHZ Hauiti, HIZ Hauiti, NMHZ Naumai, DSZ Duna North, MTHZ Maungataniwha, TLZ Tolley Road, GVLZ Great Valley S, LTZ Lake Taylor, TOZ Tahuroa Road, URZ Urewera, INZ Inchbonnie, MWZ Matawai, MOZ McQueen's Vall, AKCZ Akaroa Harbour, MHCZ Mount Hunt, VVWZ Waitaha Valley, WIAZ Waiheke Island, WCSZ Great Creek, TMZ Timaru, LBZ Lake Benmore, JCZ Jackson Bay.

IDC 15:01:59:07.4, 0.9, 6.85N, 73.06W, h153km, 16km, mb2.9/2, mbtmp3.6/4, Error ellipse: s-maj=50.6km s-min=8.8km
RSNC 15:01:59:09.2, 1.2, 6.81N, 73.15W, h145km, 5km, ML3.4, Mw3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include: BARC Barichara, PAMC Pampiona, COLO, BRRC Barranca, RUSC La Rusia, TAMC Tame, ARUCA, PTBC PUERTO BERRA, SPBC San Pablo de B, ZARC Zaragoza, NORC Norcasia, CHIC Chingaza, ROSC El Rosal, HELC Santa Helena, VILC Villavicencio, GUYZC Guyana, COLDAS, PTGC Puerto Gaitan, CBCC Ciudad Bolivar, DBBC Dabeiba, SDV Santo Domingo, ANIL Santa Ana, ORTC Ortega, APAC Apartado, YOTC Yotoco, MACC Macarena, BETC Betania, TXAR Lajitas Array, YKA Yellowknife Ar, WRA Warramunga Arr, GCG 15:02:04:35.1, 0.7, 13.70N, 92.02W, h66km, 139km, MD3.7, IDC 15:02:04:39.6, 7.1, 15.56N, 91.34W, h0km, mb3.2/2, mbtmp3.1/4, ML3.2/2, MS3.0/1, Error ellipse: s-maj=155.9km s-min=29.9km az=11.0, SNET 15:02:04:40.9, 0.7, 13.88N, 91.59W, h13km, 999km, ML3.6, IDC 15:02:04:35.6, 2.1, 13.8N, 92.02W, h0.09, h46km, 22km, n19, c174/22, Off coast of Chiapas, SULM Suchitepequez, FUG Fuego, PCBZ Pasayari, NGB Las Nubes, NUBE Las Nubes, NBYE San Blas, JAYA Jayaque, PMON Piamonte, LFRS El Faro.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include: LFRS Alcalda de S, SJTE Centro de Oper, SCLA Alcala de Sa, PACA Pacayal, CNCH Conchagua, CMIG Matias Romero, CMIG Las Juntas de, TXAR Lajitas Array, NVAR Mina Array Bea, YKA Yellowknife Ar.

ROM 15:02:12:58.5, 0.4, 42.684N, 0.003, 13.185E, 0.002, h12km, ML1.1/5, 2C-2D, Error ellipse: s-maj=0.2km s-min=0.1km az=32.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include: T1218 Civita, T1218 comp=E,388um,0.4s, T1218 comp=E,336um,0.4s, T1218 comp=N,561um,0.2s, T1218 comp=E,387um,0.4s, T1218 comp=N,561um,0.2s, T1218 comp=N,561um,0.2s, T1218 comp=N,561um,0.2s, T1218 comp=N,561um,0.2s, T1214 Arqata del Tr, T1214 SAN MARTINO, SMA1 SAN MARTINO, SMA1 comp=N,119um,0.2s, SMA1 comp=N,150um,0.2s, T1212 Cascia, T1212 Castelsantange, T1245 comp=E,83um,1.3s, T1245 comp=N,95um,1.2s, T1245 comp=E,83um,1.3s, T1245 comp=N,95um,1.2s, RM33 Pellescritta, RM33 comp=N,52um,0.2s, RM33 comp=E,35um,1.5s, T1217 Poggio (PG), MC2 Monte Cornacci, MMO1 Montemonaco, T1216 Prete, Frazio, T1215 Roccafulvione, T1215 Vallo di Nera, T1211 Morro Reatino, TERO Teramo, ARRO Aronne, FDMO Fiordimonte, T1219 Muccia, Frazio.

ROM 15:02:13:47.0, 1.4, 42.521N, 0.004, 13.304E, 0.005, h12km, ML1.1/0.3, Error ellipse: s-maj=0.5km s-min=0.1km az=346.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include: RM33 Pellescritta, RM33 comp=E,116um,0.3s, RM33 comp=N,66um,1.3s, RM33 comp=N,116um,1.7s, CAMP Campotosto, T1247 Pizzolo (AQ), SMA1 SAN MARTINO, SMA1 SAN MARTINO, SMA1 comp=E,252um,0.2s, SMA2 Crognaleto (TE), T1218 Civita (PG), T1222 Castel Sant'An, TERO Teramo, T1211 Morro Reatino, MC2 Monte Cornacci.

ROM 15:02:23:18.0, 0.1, 42.922N, 0.002, 13.218E, 0.004, h9km, ML1.1/2, 2C-1D, Error ellipse: s-maj=0.2km s-min=0.2km az=233.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include: T1245 Castelsantange, T1245 comp=N,332um,0.3s, T1245 comp=E,288um,0.2s, T1245 comp=N,332um,0.3s, T1245 comp=E,327um,1.1s, T1245 comp=N,332um,1.1s, T1245 comp=N,427um,1.7s, MMO1 Montemonaco, MMO1 comp=N,53um,0.3s, T1256 Bolognola (MC), T1256 comp=N,53um,0.6s, T1256 comp=N,53um,1.6s, T1256 comp=N,53um,1.6s.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1256, FDMO, T1216, etc.

ROM 15 02:23:53.4.0.0.421313N:0.002:13.050E:0.003, h11km,ML1.3/7.3C:2D Error ellipse: s-maj=0.2km s-min=0.2km az=167.0, Central Italy

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1212, T1212, T1212, etc.

BJI 15 02:26:53.5.0.0.8.17S:107.52E,h80km,mb4.7/25, mB5:1/1.1,M5:5/2.2,M5:7.4/1.2
IDC 15 02:26:53.7.2.6.79S:108.01E,h56km,22km,mb4.2/29, mbM4.5/29,M3.8/29 Error ellipse: s-maj=20.6km s-min=10.8km az=50.0
NEIC 15 02:26:54.6.1.2.7.81S:108.00E:0.06,h79km,6km, mb4.6/48, Error ellipse: s-maj=14.1km s-min=1.9km az=217.0
DJA 15 02:26:54.5.0.2.8.52:10.8E:1.1,h64km,2km,M4.9/54, mb4.8/54,mB5.5/18,MLV5.0/28,Mw4.5/80,Mw(MB)4.9/18
ISC 15 02:26:54.7.0.6.7.97S:107.96E:0.05,h78km,5km, n178,s1976/179,mb4.5/53,3C-3D,Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CNJI, KPJI, SKJI, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGBI, SRBI, DSRI, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BTO, BTO, BTO, etc.

Table with columns: MLR, Muntele Rosu, 90.06 316 P, P, 02 39 45.5 -0.8, etc.

IDC 15 02:32:54.7, 1.5, 38.30N, 22.04E, h0km, mb3.5/3, m1bpm3.4/6, ML3.2/3, Error ellipse: s-maj=29.3km

s-min=18.0km az=100.0

ISK 15 02:32:54.5, 38.40N, 22.14E, h12km, ML3, 1/10

THE 15 02:32:55.2, 38.44N, 21.96E, h11km, ML3, 3/11, Error

ellipse: s-maj=0.8km s-min=0.5km az=92.0

ATH 15 02:32:55.2, 38.43N, 21.94E, h10km, ML3, 1/17, Error

ellipse: s-maj=1.0km s-min=0.7km az=107.0

ISC 15 02:32:55.2, 0.7, 38.42N, 0.01, 21.96E, h10km, 4km,

n96, c1911/125, mb3.5/3, 3C-2D, Greece

Main table for station 857 with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Main table for station 2017 MAR with columns: ATAL, AML, AML, 02 33 27.8, etc.

Main table for station 15d 2h with columns: SOEI, Soe, 14.03 93 P, Pn, 02 37 18.5 +0.3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Arquata del Tr, Cascia, Frazio, Castelsantange, Civita (PG), Monte Cornacci, Preci, Frazion, Montemonaco, Poggiodomo (PG), SAN MARTINO, Roccafluvione, Vallo di Nera, Bolognola (MC), Pellescritta, Fiordimonte, Muccia, Frazio, Camerino, Fraz, TERO, Teramo.

ROM 15 02:37:31.4-0.1, 42.631N-0.003-13.354E-0.002, h4km, ML1.4/9, 2D, Error ellipse: s-maj=0.3km s-min=0.1km az=196.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAN MARTINO, Campotosto, Pellescritta, Arquata del Tr, Civita (PG), TERO, Teramo, GIGS, Castelsantange, Vallo di Nera, Gualdo di Mace, Camerino, Fraz, TERO, Teramo, GIGS, Castelsantange, Vallo di Nera, Gualdo di Mace, Camerino, Fraz, TERO, Teramo.

IDC 15 02:48:49.5-10.0, 17.94S-178.47W, h515km, 35km, mb2.7/3, mbtmp3.5/4, Error ellipse: s-maj=355.5km s-min=31.6km az=141.0, Fiji Islands region

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

ROM 15 02:59:18.4-0.1, 43.044N-0.004-13.042E-0.004, h9km, ML1.0/7, 3C-1D, Error ellipse: s-maj=0.4km s-min=0.3km az=155.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Muccia, Frazio, Cessapalombo, Bolognola (MC), Esanatoglia, Vallo di Nera, Assisi San Ben, Elcito, Cascia, Frazio, Arquata del Tr, AVT- Casa Cast, Roccafluvione, Cingoli, Monte Urbino.

ROM 15 03:00:05.8-0.0, 42.854N-0.001-13.080E-0.003, h12km, ML1.5/17, 4C-10D, Error ellipse: s-maj=0.2km s-min=0.0km az=259.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Preci, Frazion, Castelsantange, Monte Fema, Arquata del Tr, Frazio, Gualdo di Mace, Vallo di Nera, Poggiodomo (PG), Fiordimonte, Bolognola (MC), Civita (PG), Cesi - Serrava, Muccia, Frazio.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cessapalombo, Camerino, Fraz, Roccafluvione, Gualdo di Mace, Assisi San Ben, SAN MARTINO, Monte Martano, Campotosto, Esanatoglia, Cingoli, Monte Urbino.

ROM 15 03:13:45.8-0.0, 42.764N-0.003-13.133E-0.004, h11km, ML1.4/9, 2C-4D, Error ellipse: s-maj=0.4km s-min=0.3km az=135.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Arquata del Tr, Roccafluvione, Gualdo di Mace, Vallo di Nera, Bolognola (MC), Preci, Frazion, Gualdo di Mace, Civita (PG), Castelsantange, Vallo di Nera, Gualdo di Mace, Camerino, Fraz, TERO, Teramo, Assisi San Ben, Pizzolo (AQ), Camerino, Fraz, TERO, Teramo, Assisi San Ben, Gualdo di Mace, Pizzolo (AQ), Camerino, Fraz, TERO, Teramo, Assisi San Ben.

2017 MAR

h14km,ML1.5/5,7C-1D,Error ellipse: s-maj=0.3km s-min=0.1km az=204.0,Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Preci, Frazion, Cesi, Serrava, etc.

IDC 15 03:17:17.0±2.8,5541N:86.18E,h0km,mbtmp3.2/3,ML2.5/3,Error ellipse: s-maj=25.0km s-min=16.2km

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

ROM 15 03:36:36.3±0.1,42.708N:0.004:13.155E±0.004,h11km,ML1.4/8,2C-3D,Error ellipse: s-maj=0.5km

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

ROM 15 03:36:48.7±0.1,42.548N:0.003:13.308E±0.004,

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

IDC 15 03:39:10.7±10.0,3.665S:138.51E,h272km,105km,mb2.8/2,mbtmp3.4/3,Error ellipse: s-maj=165.4km s-min=40.3km az=106.0,Irian Jaya

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

MAN 15 03:43:07.3±6.51N:127.49E,h15km,mb4.7,ML3.6,MS3.5 IDC 15 03:43:10.9±2.6,6.39N:127.20E,h53km,24km,mb3.6/11,mbtmp3.9/12,ML4.1/1,MS3.4/5,Error ellipse: s-maj=33.6km s-min=13.6km az=65.0

ISC 15 03:43:10.5±1.3,6.36N:0.06:127.34E±0.09,h49km,13km,n32,±201/33,mb4.0/11,MS3.5,9C-3D,Philippine Islands region

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

IDC 15 03:50:24.5±0.9,0.96S:149.59E,h0km,mb3.8/7,mbtmp3.8/8,ML4.0/1,Error ellipse: s-maj=34.6km s-min=20.3km az=99.0

ISC 15 03:50:28.1±0.9,1.05S±0.1:149.6E±0.2,h23km,n15,±1913/9,mb3.6/7,New Ireland region

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

IDC 15 04:05:08.2±1.0,4.18N:121.62E,h0km,mb3.9/5,mbtmp3.9/5,Error ellipse: s-maj=158.2km s-min=18.7km az=64.0,Celebes Sea

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

MDD 15 04:10:39.2±0.4,35.19N:4.02W,h0km,mb_Lg2.8/16,Error ellipse: s-maj=3.4km s-min=2.4km az=154.0

SFS 15 04:10:39.8,35.17N:3.92W,h12km,ML3.2/16,ML3.1/12,ML3.2/16

INMG 15 04:10:39.7±1.4,35.19N:3.99W,h4km,5km,ML2.4,Error ellipse: s-maj=3.0km s-min=2.4km az=109.0

IGL 15 04:10:40.4,35.19N:4.02W,h2km,ML2.5

CNRN 15 04:10:40.4,35.19N:4.06W,h2km,ml2.8

ISC 15 04:10:39.0±1.1,35.20N:0.02:3.97W±0.02,h16km,9km,n72,±198/131,Strait of Gibraltar

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

15d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MDT Midelt, PVAQ Vaqueiros, PSIM Granatula de C, etc.

IDC 15 05:48:36.7-0.8, 39.87N-145.07E, h0km, mb3.6/11, mbtmp3.7/15, ML3.4/4, Error ellipse: s-maj=20.9km

JMA 15 05:48:40.9-0.3, 40.1N-145.07E, h46km, MV3.8/32, FAR E OFF NORTH HONSHU

NIED 15 05:48:40.9, 40.07N-144.86E, h46km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm

Mn=6.02; Mw=2.50; Mw3.52; Mw4.07; Mw=0.98; Mw3.94; Fault plane solution: M=7.800000x10^14 NP1:

az=22.00000, az=369.00000, az=86.00000. NP2: az=31.00000, sz=1.00000, sz=100.00000

ISC 15 05:48:41.6-0.7, 40.01N-145.145'01E, h0km, h32km, n42, s=1571/52, mb3.8/11, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JTH Tanohata, JTH Erimo, MIYJ Miyakonagasawa, etc.

2017 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAR Ussuriysk Ar., JYK Kaneyama, JEW Eniwo, etc.

MOS 15 05:57:47.1-0.0, 40.75N-147.71E, h15km, MPVA3.6, DRS 15 05:57:49.5-0.0, 40.40N-147.87E, h28km

TEH 15 05:57:56.5, 39.85N-148.14E, h26km, 199km, ML2.9, ISC 15 05:57:46.1-1.7, 40.59N-147.93E, h11km, 13km, n26, e990/42, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKT Akhty, KSMR Kasumkent, DRN Derbent, etc.

IDC 15 06:05:32.4-4.0, 9.75S-112.42E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=21.0km

s-min=30.5km az=53.0, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR Alice Springs, SONM Songino Array, MKAR Makanchi Array, etc.

IDC 15 06:18:13.4-13.0, 2.81S-80.83W, h0km, mb3.3/3, mbtmp3.5/4, ML2.9/1, Error ellipse: s-maj=277.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ALEP Alea Permanent, MLOA Mauna Loa Obse, KHLU Kahalu'u, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SDV Santo Domingo, TXAR Lajitas Array, NVAR Nasa Array Bea, etc.

IDC 15 06:32:44.8, 40.10N-144.79E, h44km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm

Mn=4.64; Mw=1.21; Mw3.43; Mw3.75; Mw=0.81; Mw=5.41; Fault plane solution: M=7.780000x10^14 NP1:

az=21.00000, az=874.00000, az=85.00000. NP2: az=31.00000, sz=1.00000, sz=100.00000

ISC 15 06:32:45.1-0.7, 40.04N-144.96E, h0.07, h32km, n39, s=1948/43, mb3.6/12, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, JKEN Kujedanisaw, etc.

KSRS Korea Array 13.54 26 LR comp=2.25mm, 20.6s, baz=335, slow=36

JOW Knigt Springs 19.12 232 LR comp=2.123mm, 18.4s, baz=129, slow=36

SEY Seymchan 23.36 9 P 3.5mm, 0.8s, baz=187, slow=16, SNR=1.3

H1N2 WAKE ISLAND Hy 27.64 131 T 0.2mm, 0.3s, baz=105, slow=27, SNR=1.3

H1N1 WAKE ISLAND Hy 27.65 131 T 0.2mm, 0.3s, baz=86, slow=6.4, SNR=2.4

H1N3 WAKE ISLAND Hy 27.66 131 T 0.2mm, 0.7s, baz=298, slow=6.0, SNR=3.7

H1N1 WAKE ISLAND Hy 28.49 133 T 0.2mm, 0.6s, baz=11, slow=7.0, SNR=6.7

H1N3 WAKE ISLAND Hy 28.50 133 T 0.2mm, 0.6s, baz=119, slow=15, SNR=2.6

H1S1 WAKE ISLAND Hy 28.45 133 T 0.2mm, 0.7s, baz=293, slow=5.6, SNR=3.3

H1S3 WAKE ISLAND Hy 28.45 133 T 0.2mm, 0.7s, baz=293, slow=5.6, SNR=3.3

H1S2 WAKE ISLAND Hy 28.51 133 T 0.2mm, 0.7s, baz=293, slow=5.6, SNR=3.3

SONM Songino Array 28.60 299 P 0.2mm, 0.5s, baz=107, slow=9.7, SNR=2.0

ZALV Zalesovo Beam 42.03 310 P 0.3mm, 0.3s, baz=87, slow=8.4, SNR=1.6

ZALV Zalesovo Beam 42.03 310 P 1.2mm, 0.5s, baz=109, slow=3.6, SNR=4.6

MKAR Makanchi Array 44.95 300 P 0.2mm, 0.7s, baz=72, slow=5.0, SNR=1.8

MKAR Makanchi Array 44.95 300 P 0.2mm, 0.6s, baz=86, slow=6.4, SNR=2.4

ILAR Eielson Array 45.47 34 P 0.2mm, 0.7s, baz=266, slow=5.4, SNR=4.1

YKA Yellowknife Arr 59.81 32 P 0.2mm, 0.7s, baz=298, slow=6.0, SNR=3.7

WRA Waramunga Arr 60.48 191 P 0.9mm, 0.6s, baz=11, slow=7.0, SNR=6.7

ASAR Alice Springs 64.21 191 P 0.2mm, 0.6s, baz=97, slow=6.6, SNR=4.7

FINES FINESS Array B 67.43 333 P 2.1mm, 0.5s, baz=39, slow=5.3, SNR=3.7

NVAR Mina Array Bea 70.98 56 P 0.3mm, 0.6s, baz=300, slow=7.1, SNR=2.9

PDAR Piedrales Array 73.59 48 P 0.5mm, 0.7s, baz=253, slow=2.4, SNR=5.6

TXAR Lajitas Array 86.10 55 P 0.6mm, 0.8s, baz=320, slow=1.1, SNR=8.1

HVO 15 06:54:44.4-0.7, 19.97N-155.56W, h0.03, h43km, 1km, ML1.9/4, ML2.5/38(NEIC), Error ellipse: s-maj=4.4km

s-min=2.8km az=49.0, NEIC 15 06:54:43.0-0.8, 19.97N-155.58W, h0.03, h45km, 4km, Error ellipse: s-maj=4.3km s-min=2.1km az=72.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HPAH Hawaii Prepara, HPAH Hawaii Prepara, POHA Pohakuloa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRSE Bradley Lake S, ILSW Iliamna South, O19K Port Alsworth, etc.

HVO 15 08:01:19.7,2.4,20.14N,0.07,155.81W,0.06,h24km,7km, ML3.1/24,ML3.1/54(NEIC),Error ellipse: s-maj=11.7km s-min=4.9km az=218.0

NEIC 15 08:01:17.6,1.4,20.12N,0.04,155.82W,0.04,h33km,8km, Error ellipse: s-maj=6.9km s-min=4.2km az=51.0

Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MHA Mahukona, MHA Mahukona, HPAH Hawaii Prepara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ALEP Alea Peninsula, HMH Humu'ula Sheep, MLOA Mauna Loa Obse, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CPH Captain Cook, MWH Moku'aweo, MWH Moku'aweo, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AIN Ainahou, RSD Rainshed, RSD Rainshed, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UWE Uwekahuna, UWB Uwekahuna B, OBL Observatory Le, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CDM Cerro de Muert, CDM Cerro de Muert, CDM Cerro de Muert, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LCR2 La Lucha 2, HDC3 Heredia 3, HDC3 Heredia 3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HDC Heredia, JACO JACO, MLR3 Monte Lirio, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRU2 El Empalme, Bo, CN12, BC3P, BC3P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TINTI Ternate, LBMI Labuha, GCSI Sangihe, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, SPSI Sidrap Palu, BSKI Bulukumba, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, MKAR Makanchi Arr, KURBS Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WEL WEL, NOU 15 08:21:52.9,11.0,40.11S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, POWZ Post Office Ro, OGWZ Otaki Gorge, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PKE Pukeiti, NBEZ Newell Road No, WEL Wellington, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNZO South Channel, TCW Tony Chanell, HWZ Haze, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CPWZ Castlepoint, KATZ Karamera, PRHZ Porangahau, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KWHZ Kaweka Forest, PAWZ Parawai Farm, PAWZ Parawai Farm, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RATZ Rangitukia, TRWZ Traveller, PXZ Pawanui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PLWZ Palliser, HWZ McKelvie Hill, KAHZ Kahurangi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BKZ Black Stump Fm, BKZ Black Stump Fm, WATZ Wairara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TUVZ Tuarua, HIZ Hauraki, NNZ Nelson, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMWZ Cape Campbell, KUTZ Kaahu Road, RAHZ Arahauri, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MRNZ Maritiki Terra, MWZ Maitai, MUZ Murupara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RTZ Ruatuhuna, THZ Tahouasa, TOZ Tahouasa Road, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, KHZ Kahurangi, OPRZ Ohinepaea, etc.

NNC 15 08:24:54.9,4.4,37.04N,70.67E,h0km,mb,0.0,mpv3.7, Error ellipse: s-maj=34.8km s-min=25.2km az=167.0

DC 15 08:24:56.7,3.1,36.53N,71.44E,h177km,28km,mb3.2/4, mbtmp3.8/11,MS2.9/1, Error ellipse: s-maj=26.4km s-min=24.0km az=34.0

SOM 15 08:24:54.6,0.8,36.59N,0.07,71.00E,0.07,h188km,m34, c=211/40,mb3.2/4,6C-4D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IUG Iuzhnyy, IUG Iuzhnyy, AML Almayusha, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AML Almayusha, AML Almayusha, UCH Uchen, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MRKS Merke, MRKS Merke, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KTBS Karatobe, KTBS Karatobe, GEYT Alibek, etc.

WRA Warramunga Arr 82.04 122 P P 0.3nm,0.7s
0.6nm,1.1s,baz=326,slow=4.8,SNR=6.4
0.6nm,1.1s
ASAR Alice Springs 84.31 125 P P 0.4nm,0.8s,baz=304,slow=5.2,SNR=5.8
0.4nm,0.8s

IDC 15 08:27:02.7 1.5, 3.73S, 125°69E, h0km, mb3.3/3, mbtmp3.2/4, ML3.3/1, Error ellipse: s-maj=176.2km s-min=25.1km az=64.0, Ceram Sea

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

ASAR Alice Springs 21.35 159 P P 0.2nm,0.5s,baz=345,slow=4.5,SNR=4.7
0.2nm,0.5s
MKAR Makanchi Array 63.18 328 P P 0.3nm,0.6s,baz=134,slow=8.0,SNR=3.9
0.3nm,0.6s

KURBB Kurchatov Arra 67.52 330 P P 0.4nm,0.5s,baz=132,slow=7.9,SNR=6.7
0.4nm,0.5s

LDG 15 08:27:51.0 5.0, 2.42°91N, 1°63W, h10km, Md2.5/2, M2.7/7, Error ellipse: s-maj=3.8km s-min=2.8km az=131.0, STR 15 08:27:52.4 0.9, 43°N, 3°E, h5km, MLV2.8, Error ellipse: s-maj=0.0km s-min=0.0km az=99.4, preliminary

MDD 15 08:27:52.9 0.3, 42°91N, 1°59W, h1km, mb, Lg2.5/12, Error ellipse: s-maj=2.4km s-min=1.3km az=151.0, ISC 15 08:27:51.7 0.8, 42°30N, 0°02.159W, 0.02, h11km, 5km, h31, c126/60, 2C-1D, Pyrenees

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

EARA Aranguren 0.13 176 P P 0.87 27 54.3 +0.6
EARA Aranguren 0.13 176 P P 0.87 27 56.4 -0.7
EARA Aranguren 0.13 176 P P 0.87 27 54.2 +0.6
EORO Oroz-Betelu 0.21 92 P P 0.87 27 55.8 -0.3
EORO Oroz-Betelu 0.21 92 P P 0.87 27 59.0 -0.3

ESAC San Caprasio 1.44 144 P P 0.87 28 19.6 +0.3
ESAC San Caprasio 1.44 144 P P 0.87 28 36.8 0.0
MALS Moulis 1.97 87 P P 0.87 28 28.9 0.0
SALF Salau 2.05 93 P P 0.87 28 31.7 +0.7

ESAC San Caprasio 1.44 144 P P 0.87 28 19.6 +0.3
ESAC San Caprasio 1.44 144 P P 0.87 28 36.8 0.0
MALS Moulis 1.97 87 P P 0.87 28 28.9 0.0
SALF Salau 2.05 93 P P 0.87 28 31.7 +0.7

CAF Calviac 3.33 51 P P 0.87 29 14.5 +0.4
CAF Calviac 3.33 51 P P 0.87 29 17.1 -1.4
ECAL Calabor 3.93 258 P P 0.87 28 53.0 +1.0
PAB San Pablo 3.94 213 P P 0.87 28 52.6 +0.5
PAB San Pablo 3.94 213 P P 0.87 29 37.0 -1.4

IDC 15 08:43:46.9 2.6, 30°35'S, 178°19'W, h0km, mb3.9/3, mbtmp3.9/4, ML3.3/1, Error ellipse: s-maj=68.1km s-min=21.2km az=124.0

ISC 15 08:43:48.2 2.4, 30°55'S, 177°7'W, 0.4, h35km, n12, c150/8, mb4.0/3, Kermadec Islands

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

IDC 15 09:04:42.0 0.9, 18°49'N, 62°05'W, h0km, mb3.8/9, mbtmp3.9/11, ML3.4/2, MS3.4/5, Error ellipse:

s-maj=28.8km s-min=18.5km az=54.0
TRN 15 09:04:45.6, 18°30'N, 62°39'W, h8km, MD4.1
ISC 15 09:04:44.2 2.1, 18°51'N, 0°06.6'24W, 0.06, h11km, 12km, n38, c1521/40, mb4.0/3, Leeward Islands

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

BIM Bigot 4.13 164 P P 09 05 49.9 +2.4
BIM Bigot 4.13 164 P P 09 05 50.9 -0.1
MPOM Morne Pois Mar 4.26 162 P P 09 05 51.8 +2.6

TXAR Lajitas Array 39.19 294 P P 09 12 12.9 +0.2
LVC Limon Verde 41.39 189 LR LR 09 31 06.8
CPUP Villa Florida 44.83 174 P P 09 12 57.1 -1.5

PDAR Pinedale Array 46.59 312 P P 09 13 13.2 +0.4
NVAR Urewera 52.31 305 P P 09 13 57.8 +1.2
NEW Newport 53.16 317 P P 09 14 02.7 +0.3

H10N3 ASCENSION HYDR53.88 115 T T 10 12 25.1
H10N2 ASCENSION HYDR53.88 115 T T 10 12 23.9
H10N1 ASCENSION HYDR53.90 115 T T 10 12 23.6
H10S3 ASCENSION HYDR54.29 116 T T 10 12 54.8

YKA Yellowknife Arr 56.73 334 P P 09 14 28.1 +0.2
YKA Yellowknife Arr 56.73 334 P P 09 15 23.7 -0.2
TORD Torodi Arr, Bea 61.48 85 P P 09 15 00.6 -1.1
DLBC Dease Lake 62.80 327 LR LR 09 43 15.0

ILAR Etison Array 71.15 333 P P 09 16 02.0 -0.8

IDC 15 09:07:52.7 1.9, 41°55'S, 174°19'E, h0km, mb3.3/2, mbtmp3.3/4, ML3.3/2, Error ellipse: s-maj=50.2km s-min=25.8km az=133.0

NOU 15 09:07:55.3, 41°88'S, 174°53'E, h14km, MLV4.2/12, Cook Strait, New Zealand

WEL 15 09:07:56.2 0.3, 42°32'S, 17°4'E, h13km, 2km, M3.8/26, ML4.1/26, MLV3.8/26, Error ellipse: s-maj=0.0km s-min=0.0km az=143.4, confirmed

ISC 15 09:07:55.6 0.9, 41°79'S, 0°03.173E, 0'03, h23km, 6km, n131, c1531/38, Cook Strait

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

CMWZ Cape Campbell 0.10 293 P P 09 07 59.9 -0.2
BSWZ Blackbirch Sta 0.35 282 P P 09 08 02.9 -0.1
TSWZ Tuamarina 0.46 320 P P 09 08 08.8 +0.3

NBEZ Newall Road No 2.54 352 P P 09 08 38.2 -2.3
PREZ Durham Road 2.60 358 P P 09 08 39.8 -1.7
DRX Panawai 2.60 48 P P 09 08 35.2 -1.0
PKVE Pukeiti 2.60 354 P P 09 08 38.9 -2.7

MOWa Moawhanga 2.60 354 P P 09 08 37.4 +1.0
PKVZ Pukeiti 2.61 19 P P 09 08 39.0 +2.5
WNVZ Whalianoa 2.64 22 P P 09 08 38.4 +1.5
BHHZ Black Hill Sta 2.65 30 P P 09 08 37.7 +0.8

TRVZ Turoa 2.65 21 P P 09 08 42.0 -0.6
DRZ Dome Shelter 2.68 21 P P 09 08 43.5 +0.4
WHVZ Whangape Hut 2.68 21 P P 09 08 39.3 +1.8
TGRZ Tauranga Road 2.68 21 P P 09 08 39.0 +2.5

MHCZ Mount Hut 2.68 229 P P 09 08 37.4 -0.1
FWVZ Far West T-bar 2.69 21 P P 09 08 39.7 +1.9
TUWZ Tukino 2.71 22 P P 09 08 39.5 +1.7
KAHZ Kahararangi 2.77 45 P P 09 08 37.9 -0.8

NGVZ Ngauruhoe 2.78 21 P P 09 08 44.9 +2.5
SNVZ South Ngauruhoe 2.78 21 P P 09 08 40.5 +1.7
OTVZ Oturere 2.81 22 P P 09 08 40.9 +1.6
NNVZ North Ngauruhoe 2.83 21 P P 09 08 44.0 -1.4

WACV Wakani South 2.83 220 P P 09 08 39.6 +0.3
WVZ West Tongariro 2.83 20 P P 09 08 41.5 +1.9
TAVZ Taurewa 2.84 18 P P 09 08 41.6 +1.9
KWHZ Kaweka Forest 2.85 35 P P 09 08 39.5 -0.2

ETVZ East Tongariro 2.85 22 P P 09 08 41.5 +1.8
TMVZ Te Maari 2.87 22 P P 09 08 41.5 +1.5
KRVZ Karewarewa 2.87 21 P P 09 08 42.0 +1.0
NTVZ North Tongariro 2.87 24 P P 09 08 41.7 +1.6

MCHZ MCHZ 2.85 38 P P 09 08 40.2 -0.2
WVZ Waitaha Valley 2.96 243 P P 09 08 42.5 +1.4
KATZ Kaharamea 3.00 21 P P 09 08 48.0 -0.4
RITZ Rikira Road 3.04 23 P P 09 08 49.1 +0.1

RPZ Rata Peaks 3.09 230 Pn Pn 09 08 43.3 +0.3
4.3nm,0.3s,baz=55,slow=3.5,SNR=29
9.4nm,0.3s,baz=320,slow=22,SNR=11
RPZ Rata Peaks 3.09 230 Pn Pn 09 08 43.7 +0.7

RAO Raoul Island 1.07 344 P P 09 27 48.3 -0.7
2.1nm,0.3s,baz=123,slow=6.1,SNR=44
RAO Raoul Island 1.07 344 Pn Pn 09 28 01.7 -1.0
7.1nm,0.3s,baz=135,slow=20,SNR=11

NEIC 15 09:27:28.2 1.4, 30°26'S, 0°05.177E, 0'2, h10km, 1km, mb4.4/16, Error ellipse: s-maj=24.0km s-min=5.4km az=75.0

IDC 15 09:27:31.7 2.3, 30°15'S, 177°54'W, h45km, 18km, mb4.0/9, mbtmp4.2/9, MS3.5/2, Error ellipse: s-maj=24.6km s-min=12.8km az=110.0

ISC 15 09:27:30.6 0.6, 30°28'S, 0°06.177E, 0'1, h35km, n48, c1517/44, mb4.3/17, Kermadec Islands

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

RAO Raoul Island 1.07 344 P P 09 27 48.3 -0.7
2.1nm,0.3s,baz=123,slow=6.1,SNR=44
RAO Raoul Island 1.07 344 Pn Pn 09 28 01.7 -1.0
7.1nm,0.3s,baz=135,slow=20,SNR=11

CTAO Charles Tower 34.17 279 P P 09 34 13.2 +0.8
STKA Stephens Creek 34.85 257 P P 09 34 20.2 +1.7
comp=2.5,4nm,0.7s,baz=96,slow=11,SNR=5
STKA Stephens Creek 34.85 257 P P 09 34 19.3 +0.8

ASAR Alice Springs 43.47 267 P P 09 35 31.7 +1.0
comp=2.9nm,0.4s,baz=105,slow=7.2,SNR=14
ASAR Alice Springs 43.47 267 P P 09 35 30.8 +0.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

BUI 15 09:59:04.8-0.0, 7.10S:129.87E, h103km, mb4.6/27, mB5.3/11

IDC 15 09:59:09.2-0.0, 6.81S:129.86E, h111km, 18km, mb4.1/17, mbtmp4.4/20, M3.5/1.5, Error ellipse: s-maj=20.7km

NEIC 15 09:59:09.7-1.3, 6.82S:0.04:130.00E:0.07, h121km, 8km, mb4.6/24, Error ellipse: s-maj=11.4km s-min=3.4km az=120.0

DJA 15 09:59:10.0-0.2, 7.52S:13.0E, h108km, 4km, M4.7/31, mb4.6/31, mB5.3/6, MLv4.7/13, Mw4.2/46, Mw(m)4.7/6

ISC 15 09:59:08.4-0.3, 6.90S:0.04:129.98E:0.06, h104km, n141, c222/144, mb4.6/36, 1C, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, BNDI Bandanaira, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, OOD GIRL, MEEK Meekeatharra, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAYN Ar Rayn, KBZ Khabaz, ILAR Eielson Array, etc.

KRNET 15 10:09:49.3-0.1, 39.10N:71.20E, h12km, mb2.5

ISC 15 10:09:50.2-1.4, 39.17N:0.07:71.13E:0.05, h6km, 14km, n9, c190/16, 17C, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DRK Karamyk, GAR Garm, BTX Batken, etc.

JMA 15 10:13:35.2-0.3, 40.1N:0.8:14.5E, h43km, MV3.5/32, FAR E OFF NORTH HONSHU, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JTH Tanohata, JEM Erimo, MIYJ Miyakonagasawa, etc.

IDC 15 10:45:04.9-0.8, 50.07N:78.78E, h0km, mbtmp2.8/3, ML2-3/3, Error ellipse: s-maj=11.5km s-min=6.1km

NNC 15 10:45:04.2-0.4, 50.03N:78.77E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=8.3km s-min=2.2km az=76.0, Suspected Mining explosion

ISC 15 10:45:04.8-0.8, 50.04N:0.04:78.70E:0.05, h0km, n18, c1916/34, 21C-8D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, KUR14 Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Lists various stations like LTZ, DSZ, AMCX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Lists various stations like ASAJ, ASAKI, JKA, etc.

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

IDC 15 11:27:50.71.0.42:68N:141.45E, h138km, 8km, mb3.5/16, mbmp3.9/20, Error ellipse: s-maj=14.2km s-min=11.1km az=141.0

MOS 15 11:27:50.4.0.9.42:68N:141.47E, h151km, mb4.1/14, Error ellipse: s-maj=9.0km s-min=6.9km az=92.2

JMA 15 11:27:51.2.0.1.42:7N:05:141.4E:0.5, h137km, MV3/8/38, IUBURI REGION

NEIC 15 11:27:51.4.0.7.42:71N:06:141.4E:0.1, h138km, 8km, mb4.1/23, Error ellipse: s-maj=12.3km s-min=8.2km az=101.0

SKHL 15 11:27:52.1.0.3.42:70N:141.60E, h143km, 9km, mb4.9/9, msh=7/5

ISC 15 11:27:51.0.0.6.42:66N:04:141.49E:0.04, h140km, 5km, n146, e1836/171, mb4.1/37, 8C-28D, Hokkaido region

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

IDC 15 11:41:54.1z.2.9.46:91N:152:87E, h94km, mb3.3/8, mbtmp3.7/11, MS3.7/1, Error ellipse: s-maj=33.1km s-min=16.4km az=145.0

ISC 15 11:41:49.8z.1.2.46:55N:02:153:1E:0.1, h50km, n26, az=229/14, mb3.5/7, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include KUR, SHO, YUK, NMR, AKK, PETK, ASAJ, USRK, KRSR, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, SONM, INK, MKAR, YKA, HFS, AKASG, ASAR, TXAR, H03N2, H03N1, H03N3.

IDC 15 11:42:09.3z.1.2.36:56N:6:90E, h0km, mb3.5/6, mbtmp3.6/8, ML3.5/2, Error ellipse: s-maj=26.7km s-min=17.2km az=23.0

CRAAG 15 11:42:10.3z.36:58N:6:80E, MI3.6, Algeria 05km SE Ain-Bouziane

LDG 15 11:42:14.1z.0.1.36:60N:6:92E, h10km, MI3.4/16, Error ellipse: s-maj=3.6km s-min=1.6km az=43.0

ISC 15 11:42:10.8z.0.7.36:62N:0.05:6:78E:0.04, h12km, n34, az=198/46, mb3.6/6, Northern Algeria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include CAEH, CASM, CMAH, ABSA, DFRA, CKHR, SET, KEST, PGF, LMR, SBF, SMRF, MTLF, LASF, EPF, MBDF, ORIF, VIVF, ETSF, LPL, SJPF, ESDF, CAF, RIF, AVF, BRTR, AKASG, TORD.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include MKAR, ILAR, CMAR, WRA.

SOME 15 11:57:57.0z.44:23N:82:85E, h0km NNC 15 11:57:59.5z.3.0.44:38N:82:75E, h0km, mb2.6, mpv2.2, Error ellipse: s-maj=32.6km s-min=7.8km az=117.0

ISC 15 11:57:55.6z.0.44:22N:02:83:2E:0.4, h10km, n6, az=024/6, 3C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include DJR, MK31, MAKZ, PDGK, UZB, SATY.

TAP 15 12:27:43.0z.24:29N:122:85E, h60km, 1km, ML2.7, C JMA 15 12:27:43.1z.0.2.24:24N:122:85E:0.6, h61km, 1km, MV2.3/10, NW OFF ISHIGAKIJIMA IS

ISC 15 12:27:43.8z.1.2.24:32N:0.04:122:85E:0.02, h55km, 7km, n63, az=95/126, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include JYNG, YONJ, YOJ, YOY, EOSA, EOS2, EOS4, IRIF, HATJ, TWC, EWUT, EWUT, JKRS, NDS, ETL, TIPB, TWP, TWE, NACB, NACB, TWD, SX11, SX11, JJI, ENTT, ENTT, LATG, WFSB, FUSB, FUSB, ETLH, ETLH, ETM, ETM, NWLT, NNSB, NNSB, NNSH, NNSH, NNSH, NNS, NNS, JISG, YHNB, YHNB, ESL, ESL.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include NSK, EGFH, HGSD, CHGB, CHGB, OWD, NFF, NFF, WUSB, WUSB, EHY, EHY, VWDT, VWDT, YULB, YULB, JTJ, JTJ, TWF1, TWF1, DPDB, DPDB, WCS, WCS, SSSLB, SSSLB, TYC, TYC, EHD, EHD, WHYT, WHYT, EDH, EDH, WJS, WJS, ELDTW, ELDTW, ALS, ALS, TWGBT, TWGBT, TWG, TWG, STYH, STYH, WCKO, WCKO, TPUB, TPUB, JMJ, JMJ, CHN4, CHN4, WTP, WTP, TWK, TWK, MASBT, MASBT.

IDC 15 12:45:10.6z.10.0.15:17N:92:82W, h0km, mb3.4/2, mbtmp3.4/4, ML3.4/2, Error ellipse: s-maj=218.1km s-min=71.4km az=15.0

MEX 15 12:45:20.6z.0.3.15:03N:93:61W, h16km, 70km, MD3.9

ISC 15 12:45:21.1z.2.3.16:2N:0.1:92:82W:0.09, h25km, 19km, n8, az=126/13, Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include PCIG, PAVE, PATR, CHUJ, CMIG, TXAR, NVAR, YKA.

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like Battle Ridge R, Blackwell, Brethren Jr, Cody Creek RV, Sooner Cattle, etc.

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like White Oak Lake, Maddies Statio, Dawn, Amarillo, Exete, etc.

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like Magadan, Ganaly, Petropavlovsk, etc.

CAST	Castle Rocks	19.62	64	P	Pn	15 21 48.3 -0.1
PPLA	Purkeypie	19.68	66	P	P	15 21 48.1 +0.4
PPLA	Purkeypie	19.68	66	P	Pn	15 21 49.5 +0.2
Q18K	Katmai Hardscr	19.68	79	P	P	15 21 49.6 +0.3
D23K	Nanushuk River	19.77	47	P	P	15 21 49.2 +0.8
MLY	Manley	19.92	59	P	P	15 21 50.8 +0.5
MLY	Manley	19.92	59	P	Pn	15 21 52.3 +0.3
COLD	Coldfoot	19.94	52	P	I/Amb	15 21 50.8 +0.4
COLD	Coldfoot	19.94	52	P	Pn	15 21 51.5 -0.6
BPWA	Bear Paw Mtn.	19.97	62	P	P	15 21 51.6 +0.9
BPWA	Bear Paw Mtn.	19.97	62	P	Pn	15 21 52.4 -0.1
G23K	Bananza Creek	20.04	54	P	Pn	15 21 52.7 -0.7
RSO	Redoubt South	20.10	73	P	P	15 21 53.3 +0.9
KTH	Kantishna Hill	20.10	63	P	P	15 21 53.0 +0.8
SPCR	Spurr Chakacha	20.12	70	P	Pn	15 21 53.8 -0.6
E23K	Chandalar	20.14	50	P	P	15 21 53.7 +1.1
SKT	Skwentna	20.21	68	I/Amb	I/Amb	15 21 56.8
SKT	Skwentna	20.21	68	P	Pn	15 21 55.4 +0.1
H23K	Yukon River	20.32	57	P	I/Amb	15 21 55.0 +0.5
H23K	Yukon River	20.32	57	P	Pn	15 21 56.3 -0.3
TRF	Thorofare Moun	20.40	63	P	I/Amb	15 21 56.0 +0.4
TRF	Thorofare Moun	20.40	63	P	Pn	15 21 57.1 -0.6
I23K	Minto, Yukon-K	20.48	58	P	Pn	15 21 57.8 -0.7
C24K	Franklin Bluff	20.51	45	P	P	15 21 57.1 +0.6
E24K	Your Creek	20.57	50	P	P	15 21 58.4 +1.2
YUK	Yuzh-Kuril'sk	20.58	224f	eP	P	15 21 57.2 -0.2
BWN	Browne	20.61	61	P	I/Amb	15 21 57.9 +0.2
BWN	Browne	20.61	61	P	Pn	15 22 06.6
NEA2	Nenana	20.70	60	P	I/Amb	15 21 58.6 0.0
NEA2	Nenana	20.70	60	P	Pn	15 22 00.2 -0.9
SUA	Susitna One	20.71	69	I/Amb	I/Amb	15 22 05.8
SUA	Susitna One	20.71	69	P	Pn	15 22 00.4 -1.0
F24K	Sawtwa Lake	20.82	52	P	Pn	15 22 01.5 -0.9
MCK	McKinley	20.93	62	P	P	15 22 01.8 +0.7
MCK	McKinley	20.93	62	P	I/Amb	15 22 06.0
MCK	McKinley	20.93	62	P	pmx	15 22 01.8 +0.7
MCK	McKinley	20.93	62	P	pmx	15 22 02.9 -0.9
Q20K	Shuyak Island	20.95	77	P	Pn	15 22 03.7 -0.3
MDM	Murphy Dome	20.99	59	I/Amb	I/Amb	15 22 09.6
H24K	Noodor Dome	20.99	56	P	P	15 22 03.8 +2.0
RND	Reindeer	21.04	63	P	P	15 22 02.5 +0.1
RND	Reindeer	21.04	63	P	P	15 22 02.5 +0.1
RND	Reindeer	21.04	63	P	pmx	15 22 02.5 +0.1
G24K	Hadweencic Riv	21.05	54	P	P	15 22 04.3 +1.9
WRH	Wood River Hill	21.14	60	I/Amb	I/Amb	15 22 11.2
TCOL	CIGO, UAF Yank	21.16	59	P	P	15 22 03.9 +0.4
TCOL	CIGO, UAF Yank	21.16	59	P	I/Amb	15 22 11.9
TCOL	CIGO, UAF Yank	21.16	59	P	P	15 22 05.3 +1.8
COLA	College	21.16	59	P	I/Amb	15 22 03.8 +0.2
COLA	College	21.16	59	P	I/Amb	15 22 12.0
COLA	College	21.16	59	eP	P	15 22 06.4 +2.9
COLA	College	21.16	59	P	pmx	15 22 05.2 +1.7
KDAK	Kodiak Island	21.21	80	P	P	15 22 05.3 +1.2
KDAK	Kodiak Island	21.21	80	eP	P	15 30 45.2
KDAK	Kodiak Island	21.21	80	eP	pmx	15 22 08.5 +4.4
KDAK	Kodiak Island	21.21	80	eP	pmx	15 22 05.2 +1.0
CCB	Clear Creek Bu	21.23	59	P	I/Amb	15 22 05.2 +1.0
CCB	Clear Creek Bu	21.23	59	P	P	15 22 10.2
POKR	Poker Plat Res	21.29	58	P	P	15 22 04.4 -0.6
POKR	Poker Plat Res	21.29	58	P	P	15 22 06.3 +1.3
BRSE	Bradley Lake S	21.30	74	P	P	15 22 06.1 +1.0
D25K	Kavik River	21.32	46	P	P	15 22 05.6 +0.3
PMR	Palmer	21.41	68	P	P	15 22 08.0 +1.7
Q22K	Cooper Landing	21.51	71	P	P	15 22 08.3 +1.0
G25K	Bearman Lake	21.58	53	P	P	15 22 10.1 +2.0
IL31	Eielson Array	21.59	59	P	I/Amb	15 22 08.3 +0.2
IL31	Eielson Array	21.59	59	P	P	15 22 15.0
ILAR	Eielson Array	21.59	59	P	P	15 22 08.7 +0.6
ILAR	Eielson Array	21.59	59	P	LR	15 31 29.6
ILAR	Eielson Array	21.59	59	P	P	15 22 08.4 +0.3
ILAR	Eielson Array	21.59	59	P	P	15 22 08.4 +0.3
HDA	Harding Lake	21.64	60	P	I/Amb	15 22 14.3
HDA	Harding Lake	21.64	60	P	P	15 22 09.8 +1.1
E25K	Arctic Village	21.66	50	P	P	15 22 10.1 +1.2
F25K	Christian River	21.67	51	P	P	15 22 10.8 +1.8
ASAJ	Asahikawa	21.68	230	LR	LR	15 30 32.3
SML	Sawmill	21.71	67	I/Amb	I/Amb	15 22 25.1
SML	Sawmill	21.71	67	P	P	15 22 10.2 +0.7
ZEA	Zeya	21.73	268	eP	P	15 22 09.6 -0.1
ZEA	Zeya	21.73	268	eP	pmx	15 22 09.6 -0.1
ZEA	Zeya	21.73	268	eP	pmx	15 22 09.6 -0.1
ZEA	Zeya	21.73	268	eP	pmx	15 22 09.6 -0.1
SEW	Seward	21.77	72	P	P	15 22 10.9 +0.8
KNK	Knik Glacier	21.78	68	P	I/Amb	15 22 10.8 +0.6
KNK	Knik Glacier	21.78	68	P	I/Amb	15 22 16.3
C26K	Camden Bay	21.82	45	P	P	15 22 11.3 +1.1
FYU	Fort Yukon	21.95	54	P	I/Amb	15 22 13.1 +1.1
FYU	Fort Yukon	21.95	54	P	I/Amb	15 22 18.6
M23K	Glacier View	21.99	67	P	P	15 22 12.9 +0.5

PRP	Porcupine Dome	22.01	57	P	I/Amb	15 22 13.6 +0.8
PRP	Porcupine Dome	22.01	57	P	I/Amb	15 22 19.5
PRP	Porcupine Dome	22.01	57	P	P	15 22 13.9 +1.1
PWL	Port Wells	22.02	70	P	P	15 22 13.7 +0.9
PWL	Port Wells	22.02	70	P	I/Amb	15 22 18.1
PWL	Port Wells	22.02	70	P	P	15 22 13.4 +0.5
BMAR	Burnt Mountain	22.09	51	P	P	15 22 15.1 +1.5
SCM	Sheep Creek Mo	22.15	67	P	P	15 22 13.0 -1.3
SCM	Sheep Creek Mo	22.15	67	P	P	15 22 13.0 -1.3
SCM	Sheep Creek Mo	22.15	67	pmx	pmx	15 22 13.0 -1.3
SCM	Sheep Creek Mo	22.15	67	P	P	15 22 14.3 0.0
F26K	Shenjek River	22.23	51	P	P	15 22 15.8 +0.7
C27K	Jago River	22.25	46	P	P	15 22 15.7 +0.5
K24K	Donnelly Dome	22.28	61	P	P	15 22 15.7 +0.1
KLR	Kul'dur	22.40	254	P	P	15 22 17.3 +0.2
KLR	Kul'dur	22.40	254	eP	LR	15 31 16.3
KLR	Kul'dur	22.40	254	eP	LR	15 22 17.2 +0.2
G26K	Popitine River	22.47	53	P	P	15 22 18.6 +1.1
M24K	Tolsona, Glenn	22.59	66	P	P	15 22 18.4 -0.5
M24K	Tolsona, Glenn	22.59	66	P	P	15 22 19.9 +0.9
PAX	Paxson	22.64	63	P	P	15 22 20.0 +0.5
PAX	Paxson	22.64	63	P	pmx	15 22 20.0 +0.5
PAX	Paxson	22.64	63	P	pmx	15 22 19.8 +0.3
PAX	Paxson	22.64	63	P	P	15 22 20.0 0.0
RIDG	Independent Ri	22.69	61	P	P	15 22 20.0 0.0
KLU	Klutina	22.90	67	P	I/Amb	15 22 21.2 -1.0
KLU	Klutina	22.90	67	P	I/Amb	15 22 27.5
KLU	Klutina	22.90	67	P	P	15 22 22.5 +0.3
HARP	HAARP	22.95	64	P	P	15 22 22.6 0.0
SCRK	Sand Creek	23.00	60	I/Amb	I/Amb	15 22 26.7
SCRK	Sand Creek	23.00	60	P	P	15 22 22.9 -0.4
I26K	Coal Creek Min	23.02	57	P	P	15 22 23.2 -0.2
I26K	Coal Creek Min	23.02	57	P	P	15 22 23.2 -0.2
DOT	Dot Lake	23.05	61	P	I/Amb	15 22 23.0 -0.8
DOT	Dot Lake	23.05	61	P	I/Amb	15 22 26.7
E27K	Coleen River	23.13	49	P	P	15 22 25.5 +1.1
EYAK	Cordova Ski Ar	23.32	69	P	P	15 22 27.2 +0.9
G27K	Doyon Strip	23.32	53	P	P	15 22 27.4 +1.0
TEY	Ternei	23.35	241	eP	P	15 22 27.3 +0.5
TEY	Ternei	23.35	241	eP	pmx	15 22 27.3 +0.5
TEY	Ternei	23.35	241	eP	pmx	15 22 27.3 +0.5
TEY	Ternei	23.35	241	eP	pmx	15 22 27.3 +0.5
MENT	Mentasta	23.41	63	P	I/Amb	15 22 26.5 -0.8
MENT	Mentasta	23.41	63	P	I/Amb	15 22 33.3
N25K	Chitina, Valde	23.46	66	P	P	15 22 27.6 -0.3
H27K	Steamboat Moun	23.48	54	P	P	15 22 29.1 +1.1
L26K	Log Cabin Wild	23.55	62	I/Amb	I/Amb	15 22 33.6
L26K	Log Cabin Wild	23.55	62	P	P	15 22 28.7 0.0
I27K	Kandik River	23.58	56	P	P	15 22 29.7 +0.7
HEH	HeiHe	23.79	261	eP	P	15 22 30.3 -0.7
HEH	HeiHe	23.79	261	eP	sP	15 22 39.4 -2.4
HEH	HeiHe	23.79	261	eP	S	15 26 43.3 -1.5
HEH	HeiHe	23.79	261	eP	pmx	15 22 30.3 -0.7
HEH	HeiHe	23.79	261	eP	pmx	15 22 39.4 -2.4
HEH	HeiHe	23.79	261	eP	pmx	15 26 43.3 -1.5
HEH	HeiHe	23.79	261	eP	pmx	15 22 30.3 -0.7
HEH	HeiHe	23.79	261	eP	pmx	15 22 39.4 -2.4
HEH	HeiHe	23.79	261	eP	pmx	15 26 43.3 -1.5
HEH	HeiHe	23.79	261	eP	pmx	15 22 30.3 -0.7
HEH	HeiHe	23.79	261	eP	pmx	15 22 39.4 -2.4
HEH	HeiHe	23.79	261	eP	pmx	15 26 43.3 -1.5
K27K	Chicken	23.79	60	P	P	15 22 30.3 -0.7
K27K	Chicken	23.79	60	P	P	15 22 31.1 +0.1
M26K	Nabesna, AK	23.90	64	P	I/Amb	15 22 32.6 +0.6
M26K	Nabesna, AK	23.90	64	P	I/Amb	15 22 34.3
M26K	Nabesna, AK	23.90	64	P	P	15 22 32.8 +0.7
EGAK	Eagle	23.97	57	P	I/Amb	15 22 31.2 -1.4
EGAK	Eagle	23.97	57	P	I/Amb	15 22 35.8
EGAK	Eagle	23.97	57	P	P	15 22 32.0 -0.6
VRDI	Verde Repeater	24.11	67	P	I/Amb	15 22 33.8 -0.4
VRDI	Verde Repeater	24.11	67	P	I/Amb	15 22 38.8
L27K	Beaver Creek	24.19	62	P	I/Amb	15 22 34.7 -0.1
L27K	Beaver Creek	24.19	62	P	I/Amb	15 22 38.4
L27K	Beaver Creek	24.19	62	P	P	15 22 35.2 +0.4
L27K	Beaver Creek	24.19	62	P	P	15 22 35.2 +0.4
MCARA	McCarthy VSAT	24.24	66	P	P	15 22 35.1 -0.1
MCARA	McCarthy VSAT	24.24	66	P	P	15 22 36.1 +0.9
M27K	Edgemoor Crk, AK	24.40	63	P	P	15 22 37.5 +0.7
BVCY	Beaver Creek	24.83	63	P	P	15 22 41.2 +0.7
DAWY	Dawson	24.91	59	P	I/Amb	15 22 41.1 -0.2
DAWY	Dawson	24.91	59	P	I/Amb	15 22 46.8
DAWY	Dawson	24.91	59	P	P	15 22 41.1 -0.2
BARN	Barnard Glacier	24.98	66	P	I/Amb	15 22 42.6 +0.6
I29M	Ogilvie Camp	24.98	55	P	I/Amb	15 22 46.4
I29M	Ogilvie Camp	24.98	55	P	P	15 22 42.1 +0.3
CTG	Chitina Glacier	25.16	66	P	P	15 22 44.8 +1.2
CTGM	Chitina Glacier	25.16	66	P	P	15 22 42.9 -0.8
YUK3	Moose Creek	25.24	64	P	P	15 22 45.3 +0.9
EPYK	Eagle Plains	25.34	53	I/Amb	I/Amb	15 22 49.7
EPYK	Eagle Plains	25.34	53	P	P	15 22 45.5 +0.4
LOGM	Logan Glacier	25.36	66	P	P	15 22 46.1 +0.6
G30M	Loon Zrait Nji	25.38	51	P	P	15 22 46.4 +1.0
YUK8	Steele Glacier	25.73	65	P	P	15 22 49.7 +0.7
O28M	Mount Upton	25.75	66	P	P	15 22 4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time, Res, h, m, s, ISC. Includes stations like VRAC Vranov, KECS Kecovo, MEMB Membro, BTNL Ternell, VYHS Vyhne, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time, Res, h, m, s, ISC. Includes stations like KBK Karagaybulak, TKM2 Tokmak 2, TKM2 Tokmak 2, CHMS Chumysh, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time, Res, h, m, s, ISC. Includes stations like PCDR Punta Cana, DR, SDD Santo Domingo, LONA Toro Cenizo, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time, Res, h, m, s, ISC. Includes stations like DR12 Loma Pena Alta, PCDR Punta Cana, DR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time, Res, h, m, s, ISC. Includes stations like GLKZ Green Lake, MXZ Matakaoa Point, etc.

KNET 15:19:46.5:0.3, 42.57N:75:36E, h11km, 4km, ml1.3, Error ellipse: s-maj=3.2km s-min=1.9km az=6.0

NEIC 15:23:05.2:0.2, 18:9N:0:1:68:9W, 0:04, h111km, 5km, ML3.3/34, MD3.6/32(RSPR), Error ellipse: s-maj=15.5km s-min=5.0km az=181.0

WEL 15:27:36.3:1.0, 33:5:6:18:0W, 1:3, h20km, 6km, M4, 7/31, mbR5.3/23, ML4.8/34, MLv4.7/31, Mw(mb)4.7/23, Error ellipse: s-maj=0.0km s-min=0.0km az=110.6, confirmed NOU 15:28:07.4, 35:77S:178:30E, h237km, MLv4.1/10, Off E. Coast of N. Island, N.Z.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TWGZ, MYRZ, WHRZ, CNRZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H1S1, H1S3, H1S2, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MRSI, GTOI, LUVI, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TEH, IQOM, GVMR, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BNDI, WRA, CTA, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BRUJ, DVD, BCOZ, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NNC, AML, UCH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H1N3, H1N2, H1N1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ONAJ, JFK, JFFD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NNC, AML, UCH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PMG, RABL, GENI, etc.

SLM 15 16:51:10.1.1.4.36.882N.0.007.89.12W.0.01.h8km.4km, Mw3.6, mb_Lg3.9/183(NEIC), ML4.0/30(NEIC), Error ellipse: s-maj=1.9km s-min=0.4km az=123.0

NEIC 15 16:51:10.2.1.1.36.88N.0.01.89.13W.0.01.h4km.3km, Error ellipse: s-maj=1.8km s-min=0.7km az=87.0

ISC 15 16:51:09.5.0.7.36.84N.0.002.89.16W.0.02.h19km.2km, s107.1/315,mb4.0/5,New Madrid region, Missouri

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

Table with columns: CCM, Station Name, Time, Res, ISC, P, Pb, S, Sb. Lists seismic events with station codes and magnitudes.

Table with columns: MIAR, Station Name, Time, Res, ISC, P, Pb, S, Sb. Lists seismic events with station codes and magnitudes.

Table with columns: ID, Name, Az, El, P, Res, and various station codes. Includes entries like K38A Parkersburg, BLOK Blackwell, W35A Tecumseh, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and various station codes. Includes entries like CHRM Charleston, EPRM East Prairie, FMKY Fulgham, etc.

Table with columns: ID, Name, Az, El, P, Res, and various station codes. Includes entries like JTM Tenmabayashi, JMN Monobe, JMS Saitoh, etc.

S12K	Black Hills	2.59	349	P	Pn	17 21 01.4 +0.9
AKUT	Akutani	2.91	291	IAML	Pn	17 21 05.0 +0.2
UNV	Unalaska	3.26	284	P	Pn	17 21 09.8 +0.1
UNV	Unalaska Valle	3.26	284	P	Pn	17 21 47.3 -1.2
UNV	Unalaska Valle	3.26	284	P	Pn	17 21 09.8 +0.1
CHGN	Chignik	3.52	26	Pn	Pn	17 21 13.4 +0.2
CHGN	Chignik			IAML	Pn	17 21 55.6
CHGN	Chignik			IAML	Pn	17 21 56.2
CHGN	Chignik	3.52	26	P	Pn	17 21 13.3 +0.1
NIKH	Nikolski High	4.65	271	Pn	Pn	17 21 28.6 -0.1
R16K	Pilot Point	4.85	23	P	Pn	17 21 31.8 +0.3
R17K	Ugashik Creek	5.24	29	P	Pn	17 21 37.9 +1.1
CLES	Cleveland East	5.29	270	Pn	Pn	17 21 38.0 +0.5
CLES	Cleveland			IAML	Pn	17 22 49.5
CLES	Cleveland			IAML	Pn	17 22 56.3
Q17K	Contact Creek	5.91	28	P	Pn	17 21 46.2 +0.1
OHAK	Old Harbor	6.06	45	Pn	Pn	17 21 47.0 -1.2
OHAK	Old Harbor	6.06	45	P	Pn	17 21 47.5 -0.7
Q16K	King Salmon	6.07	23	P	Pn	17 21 48.4 +0.2
P16K	Nushagak River	6.13	16	P	Pn	17 21 49.7 +0.6
Q18K	Katmai Hardscr	6.48	30	P	Pn	17 21 53.8 -0.3
P17K	Kvichak River	6.58	22	P	Pn	17 21 55.2 -0.1
Q16K	Kokwok River B	6.66	14	P	Pn	17 21 56.2 -0.1
KDAK	Kodiak Island	6.71	43	Pn	Pn	17 21 55.6 -1.4
KDAK	Kodiak			Sn	Pn	17 23 05.4 -8.1
KDAK	Kodiak			Sn	Pn	17 21 55.8 -1.2
O17K	Koliganek Bris	6.99	17	P	Pn	17 22 01.4 +0.6
P18K	Big Mountain	7.05	26	P	Pn	17 22 02.1 +0.3
P18K	Big Mountain	7.05	26	P	Pn	17 22 02.2 +0.5
Q19K	Cape Douglas	7.14	33	Pn	Pn	17 22 03.2 +0.3
Q19K	Cape Douglas	7.14	33	Pn	Pn	17 22 03.0 +0.1
N16K	Nishik Lake	7.44	9	P	Pn	17 22 08.2 +1.2
P19K	Oil Pt	7.84	31	Pn	Pn	17 22 12.6 0.0
O19K	Port Alsworth	7.98	25	Pn	Pn	17 22 14.7 +0.3
O19K	Port Alsworth	7.98	25	Pn	Pn	17 22 15.1 +0.7
ILSW	Iliamna Southw	8.13	30	Pn	Pn	17 22 16.7 +0.1
CNPM	China Poot	8.41	37	Pn	Pn	17 22 19.3 -1.1
N19K	Bonanza Creek	8.48	23	Pn	Pn	17 22 21.7 +0.3
N19K	Bonanza Creek	8.48	23	Pn	Pn	17 22 22.8 +1.5
RSO	Redoubt South	8.63	29	Pn	Pn	17 22 20.0 -3.5
BRLL	Bradley Lake	8.71	37	Pn	Pn	17 22 22.9 -1.5
BRSE	Bradley Lake S	8.74	37	Pn	Pn	17 22 23.9 -1.1
SPU	Mount Spurr	9.42	28	Pn	Pn	17 22 34.4 +0.2
SEW	Seward	9.47	38	Pn	Pn	17 22 34.1 -0.7
M19K	Big River Lodg	9.47	20	P	Pn	17 22 36.2 +1.3
M19K	Big River Lodg	9.47	20	P	Pn	17 22 35.1 +0.2
SLKM	Skliak Lake	9.47	35	Pn	Pn	17 22 34.9 -0.1
ADK	Adak	9.55	268	Pn	Pn	17 22 36.7 +0.7
L19K	White Mountain	9.64	18	P	Pn	17 22 38.1 +0.9
L19K	White Mountain	9.64	18	P	Pn	17 22 37.8 +0.6
M20K	Styx River	9.73	23	Pn	Pn	17 22 40.2 +1.7
M20K	Styx River	9.73	23	Pn	Pn	17 22 39.4 +0.8
KIWB	Kanaga Island	9.84	269	Pn	Pn	17 22 40.8 +0.8
SUA	Susitna One	10.02	30	Pn	Pn	17 22 42.1 -0.4
SUA	Susitna One	10.02	30	Pn	Pn	17 22 41.7 -0.9
RC01	Rabbit Creek A	10.06	33	Pn	Pn	17 22 42.0 -0.9
RC01	Rabbit Creek A	10.06	33	Pn	Pn	17 22 43.0 +0.1
L20K	Farewell, AK	10.10	20	P	Pn	17 22 44.7 +1.2
TTA	Tatalina	10.15	13	Pn	Pn	17 22 44.1 -0.2
TTA	Tatalina	10.15	13	Pn	Pn	17 22 43.7 -0.6
SKT	Skwentna	10.22	26	Pn	Pn	17 22 44.5 -0.7
SKT	Skwentna	10.22	26	Pn	Pn	17 22 45.6 +0.5
PWL	Port Wells	10.38	37	Pn	Pn	17 22 45.3 -2.1
PWL	Port Wells	10.38	37	Pn	Pn	17 22 46.7 -0.7
PMR	Palmer	10.63	33	Pn	Pn	17 22 50.0 -0.7
KNK	Knik Glacier	10.72	35	Pn	Pn	17 22 51.3 -0.8
KNK	Knik Glacier	10.72	35	Pn	Pn	17 22 51.8 -0.2
PPLA	Purkeypile	10.83	22	Pn	Pn	17 22 54.4 +0.8
PPLA	Purkeypile	10.83	22	Pn	Pn	17 22 55.4 +1.8
K20K	Telida	10.86	17	Pn	Pn	17 22 54.0 +0.1
K20K	Telida	10.86	17	Pn	Pn	17 22 53.6 -0.4
CUT	Chulitna	11.01	28	Pn	Pn	17 22 54.6 +0.1
SML	Sawmill	11.05	33	Pn	Pn	17 22 55.2 -1.2
SML	Sawmill	11.05	33	Pn	Pn	17 22 55.7 -0.8
EYAK	Cordova Ski Ar	11.19	43	Pn	Pn	17 22 56.9 -1.5
EYAK	Cordova Ski Ar	11.19	43	Pn	Pn	17 22 57.5 -0.9
M23K	Glacier View	11.24	34	Pn	Pn	17 22 58.7 -0.4
CAST	Castle Rocks	11.31	21	Pn	Pn	17 23 00.1 0.0
CAST	Castle Rocks	11.31	21	Pn	Pn	17 23 01.0 +0.9
SCM	Sheep Creek	11.40	35	Pn	Pn	17 23 00.0 -1.4
SCM	Sheep Creek Mo	11.40	35	Pn	Pn	17 23 00.9 -0.5
DIV	Divide	11.52	40	Pn	Pn	17 23 01.8 -1.2
ANM	Nome	11.63	351	Pn	Pn	17 23 04.8 +0.5
CHUM	Lake Minchum	11.68	20	P	Pn	17 23 05.3 +0.3
KLU	Klutina	11.69	38	Pn	Pn	17 23 03.7 -1.5
KLU	Klutina	11.69	38	Pn	Pn	17 23 04.5 -0.8
KTH	Kantishna Hill	11.69	23	Pn	Pn	17 23 04.6 -0.7
TRF	Thorofore Moun	11.76	25	Pn	Pn	17 23 05.6 -0.7
TRF	Thorofore Moun	11.76	25	Pn	Pn	17 23 05.6 -0.7
M24K	Tolsona, Glenn	11.99	36	Pn	Pn	17 23 08.1 -1.3
M24K	Tolsona, Glenn	11.99	36	Pn	Pn	17 23 09.2 -0.2
AMKA	Amchitka	12.10	269	Pn	Pn	17 23 08.8 -2.1
BPBW	Bear Paw Mtn.	12.15	22	Pn	Pn	17 23 11.0 -0.5
BPBW	Bear Paw Mtn.	12.15	22	Pn	Pn	17 23 11.3 -0.2
N25K	Chitina, Valde	12.26	40	Pn	Pn	17 23 13.1 0.0
MCK	McKinley	12.34	26	Pn	Pn	17 23 14.3 +0.1
MCK	McKinley	12.34	26	Pn	Pn	17 23 13.7 -0.4
GLB	Gilahina Butte	12.47	42	Pn	Pn	17 23 14.3 -1.7
VRDI	Verde Repeater	12.50	43	Pn	Pn	17 23 14.7 -1.8
HARP	HAARP	12.54	36	Pn	Pn	17 23 16.5 -0.5
BWN	Brown	12.56	24	Pn	Pn	17 23 14.9 -2.2
MCARA	McCarthy VSAT	12.76	43	Pn	Pn	17 23 17.5 -2.3
MCARA	McCarthy VSAT	12.76	43	Pn	Pn	17 23 19.4 -0.4
PAX	Paxson	12.82	34	Pn	Pn	17 23 19.2 -1.5
PAX	Paxson	12.82	34	Pn	Pn	17 23 19.4 -1.2
TNA	Tin City	12.88	347	P	Pn	17 23 21.7 +0.3
I21K	Tanana	12.91	18	Pn	Pn	17 23 21.4 -0.4
I21K	Tanana	12.91	18	Pn	Pn	17 23 22.3 +0.5

NEA2	Nenana	13.01	24	P	Pn	17 23 21.9 -1.3
MLY	Manley	13.01	20	P	Pn	17 23 22.7 -0.7
WRH	Wood River Hil	13.16	25	Pn	Pn	17 23 22.5 -2.7
BARN	Barnard Glacie	13.17	45	Pn	Pn	17 23 24.5 -1.1
H21K	Melozitna Rive	13.21	15	P	Pn	17 23 26.4 +0.5
H21K	Melozitna Rive	13.21	15	P	Pn	17 23 25.8 -0.1
CTG	Chitna Glacier	13.26	46	P	Pn	17 23 26.4 -0.4
CTGM	Chitina Glacie	13.27	46	Pn	Pn	17 23 26.7 -0.1
K24K	Donnelly Dome	13.30	31	Pn	Pn	17 23 27.1 -0.1
M26K	Nabesna, AK	13.34	39	Pn	Pn	17 23 27.3 -0.5
M26K	Nabesna, AK	13.34	39	Pn	Pn	17 23 27.6 -0.2
LOGN	Logan Glacier	13.35	47	Pn	Pn	17 23 28.7 +0.7
IMAR	Indian Mountai	13.37	13	Pn	Pn	17 23 29.1 +1.0
CCB	Clear Creek Bu	13.37	25	Pn	Pn	17 23 22.4 -5.7
PCA	Pinnacle	13.39	51	Pn	Pn	17 23 28.6 +0.1
PINM	Pinnacle	13.39	51	Pn	Pn	17 23 28.0 -0.5
I23K	Minto, Yukon-K	13.41	22	Pn	Pn	17 23 25.2 -3.5
I23K	Minto, Yukon-K	13.41	22	Pn	Pn	17 23 28.3 -0.4
HDA	Harding Lake	13.41	27	Pn	Pn	17 23 25.5 -3.2
HDA	Harding Lake	13.41	27	Pn	Pn	17 23 26.9 -1.8
MDM	Murphy Dome	13.42	24	Pn	Pn	17 23 28.1 -2.1
TCOL	CIGÖ, UAF Yank	13.54	25	P	Pn	17 23 29.9 -0.6
COLA	Collage	13.54	25	P	Pn	17 23 29.6 -0.8
RIDG	Independent Ri	13.55	32	Pn	Pn	17 23 29.1 -1.6
RIDG	Independent Ri	13.55	32	Pn	Pn	17 23 29.9 -0.7
L26K	Log Cabin Wild	13.59	36	Pn	Pn	17 23 31.0 -0.1
L26K	Log Cabin Wild	13.59	36	Pn	Pn	17 23 30.8 -0.4
H22K	Ishatitna Cre	13.66	17	Pn	Pn	17 23 31.8 -0.3
O28M	Mount Upton	13.69	48	P	Pn	17 23 32.6 -0.1
IL31	Eielson Array	13.71	26	Pn	Pn	17 23 29.4 -3.3
ILAR	Eielson Array	13.71	26	Pn	Pn	17 23 29.4 -3.4
ILAR	Eielson Array			Sn	Pn	17 25 53.6 -1.1
ILAR	Eielson Array			Sn	Pn	17 23 28.8 -4.0
DOT	Dot Lake	13.74	34	Pn	Pn	17 23 30.3 -3.0
M27K	Edge Creek, AK	13.75	40	Pn	Pn	17 23 31.1 -2.3
POKR	Poker Plat Res	13.85	25	P	Pn	17 23 33.5 -1.1
G21K	Allakaket	13.91	13	P	Pn	17 23 35.4 -0.1
H23K	Yukon River	13.95	20	Pn	Pn	17 23 32.3 -3.8
H23K	Yukon River	13.95	20	Pn	Pn	17 23 36.3 +0.2
SCRK	Sand Creek	13.99	33	Pn	Pn	17 23 35.0 -1.8
SCRK	Sand Creek	13.99	33	Pn	Pn	17 23 35.3 -1.4
YUK3	Moose Creek	14.02	44	P	Pn	17 23 36.6 -0.6
YUK8	Star Glacier	14.09	46	P	Pn	17 23 38.3 +0.1
L27K	Beaver Creek,	14.16	38	Pn	Pn	17 23 37.5 -1.5
L27K	Beaver Creek,	14.16	38	Pn	Pn	17 23 38.6 -0.4
BVCY	Beaver Creek	14.18	41	P	Pn	17 23 39.5 +0.3
BCAR	Beaver Creek A	14.18	38	Pn	Pn	17 23 38.1 -1.2
O29M	Mount Kennedy	14.25	51	Pn	Pn	17 23 41.7 +1.4
H24K	Noodor Dome	14.33	22	Pn	Pn	17 23 38.2 -3.0
H24K	Noodor Dome	14.33	22	Pn	Pn	17 23 40.2 -1.0
F21K	Alatina River	14.58	12	P	Pn	17 23 45.0 +0.3
G23K	Bananza Creek	14.64	18	P	Pn	17 23 45.1 -0.5
PRP	Porcupine Dome	14.66	26	Pn	Pn	17 23 41.6 -4.2
PRP	Porcupine Dome	14.66	26	Pn	Pn	17 23 45.7 -0.2
K27K	Chicken	14.66	35	Pn	Pn	17 23 44.0 -1.8
F22K	John River	15.02	13	P	Pn	17 23 50.5 -0.1
PLBC	Pleasant Camp	15.07	55	P	Pn	17 23 52.2 +1.0
COLD	Coldfoot	15.07	17	P	Pn	17 23 51.4 +0.1
M29M	Somme Creek	15.16	43	P	Pn	17 23 51.9 -0.7
I26K	Coal Creek Min	15.17	30	Iamb	Iamb	17 23 50.9 -1.7
I26K	Coal Creek Min			Iamb	Iamb	17 24 12.0
I26K	Coal Creek Min			Iamb	Iamb	17 23 51.3 -1.4
EGAK	Eagle	15.45	33	Pn	Pn	17 23 53.5 -2.7
EGAK	Eagle			Iamb	Iamb	17 24 07.2
EGAK	Eagle			Pn	Pn	17 23 55.3 -1.0
O30N	Mendenhall	15.56	51	Pn	Pn	17 23 57.8 0.0
L29M	L29M	15.61	41	P	Pn	17 23 58.7 +0.2
DAWY	Dawson	15.63	37	Pn	Pn	17 23 57.6 -1.1
DAWY	Dawson			Iamb	Iamb	17 24 12.2
DAWY	Dawson			Iamb	Iamb	17 23 58.6 -0.1
E22K	Anaktuvuk Pass	15.66	13	P	Pn	17 23 59.7 +0.6
F24K	Squaw Lake	15.76	19	Pn	Pn	17 23 58.8 -1.5
I27K	Kandik River	15.84	31	Pn	Pn	17 24 00.2 -1.3
M30M	Minto, Yukon	15.92	44	Pn	Iamb	17 24 02.3 -0.1
M30M						

COLD	comp=Z,150nm,1.8s	22.03	32	P	P	22 24 34.6	+0.4
POKR	comp=Z,3um,18.0s	22.07	38	IAMS_20	IAMS_20	22 34	08.9
POKR	comp=Z,3um,18.0s	22.07	38	P	P	22 24 35.5	+0.8
IL31	comp=Z,5.6nm,0.5s	22.15	39	P	P	22 24 34.1	-1.4
ILAR	comp=Z,5.6nm,0.5s	22.15	39	P	P	22 24 33.8	-1.8
ILAR	comp=Z,3.7nm,0.6s	22.15	39	P	P	22 24 35.3	-0.3
ILAR	comp=Z,5.6nm,0.5s	22.15	39	P	P	22 24 35.3	-0.3
ILAR	comp=Z,5.6nm,0.5s	22.17	46	P	P	22 24 36.3	+0.4
PAX	comp=Z,193nm,1.5s	22.18	45	P	P	22 24 35.6	-0.3
PAX	comp=Z,193nm,1.5s	22.18	45	P	P	22 24 35.7	-0.3
PAX	comp=Z,193nm,1.5s	22.18	45	P	P	22 24 36.1	+0.2
H24K	comp=Z,254,SNR=41	22.19	36	P	P	22 24 36.6	+0.5
N25K	comp=Z,7um,20.0s	22.26	48	IAMS_20	IAMS_20	22 34	36.0
N25K	comp=Z,7um,20.0s	22.26	48	P	P	22 24 36.9	0.0
K24K	comp=Z,254,SNR=12	22.28	42	P	P	22 24 37.1	+0.1
GLB	comp=Z,179nm,1.4s	22.60	49	P	P	22 24 39.5	-0.9
GLB	comp=Z,179nm,1.4s	22.60	49	P	P	22 24 44.2	
E23K	comp=Z,6um,21.0s	22.66	30	P	P	22 24 41.5	+0.4
RIDG	comp=Z,254,SNR=28	22.66	43	P	P	22 24 40.0	-1.0
RIDG	comp=Z,9um,19.0s	22.66	43	P	P	22 24 40.5	-0.5
RIDG	comp=Z,254,SNR=21	22.71	35	P	P	22 24 41.3	-0.2
G24K	comp=Z,254,SNR=35	22.73	50	P	P	22 24 40.9	-1.2
VRDI	comp=Z,351nm,1.8s	22.73	50	P	P	22 24 54.8	
VRDI	comp=Z,351nm,1.8s	22.73	50	P	P	22 24 31.5	
TYV	comp=Z,6um,22.0s	22.78	283	eP	S	22 24 44.1	+1.7
TYV	comp=Z,6um,22.0s	22.78	283	eP	S	22 28 53.9	+5.1
TYV	comp=Z,3um,4.0s						
TYV	comp=Z,83nm,1.2s						
TYV	comp=N,3um,10.5s						
TYV	comp=E,3um,10.5s						
TYV	comp=E,5um,15.0s						
D23K	comp=Z,3um,15.0s	22.84	28	P	P	22 24 43.9	+1.1
A21K	comp=Z,5um,20.0s	22.92	20	IAMS_20	IAMS_20	22 34	01.3
A21K	comp=Z,5um,20.0s	22.92	20	P	P	22 24 43.9	+0.3
F24K	comp=Z,21,SNR=32	22.95	32	P	P	22 24 44.5	+0.5
PRP	comp=Z,254,SNR=169	22.96	38	P	P	22 24 43.1	-1.2
PRP	comp=Z,254,SNR=169	22.96	38	P	P	22 24 43.1	-1.2
MCARA	comp=Z,56nm,0.8s	22.96	49	IAMB	IAMB	22 24 42.9	-1.4
MCARA	comp=Z,56nm,0.8s	22.96	49	IAMB	IAMB	22 24 55.3	
MCARA	comp=Z,56nm,0.8s	22.96	49	P	P	22 24 44.1	-0.1
DOT	comp=Z,54nm,0.8s	22.97	43	IAMB	IAMB	22 24 43.6	-0.7
E24K	comp=Z,54nm,0.8s	23.03	31	P	P	22 24 45.2	+0.3
SCRK	comp=Z,7um,18.0s	23.09	42	P	P	22 24 44.1	-1.5
SCRK	comp=Z,7um,18.0s	23.09	42	P	P	22 24 47.0	-0.9
L26K	comp=Z,254,SNR=42	23.13	45	P	P	22 24 46.0	+0.2
M26K	comp=Z,5um,20.0s	23.16	47	IAMS_20	IAMS_20	22 34	49.7
M26K	comp=Z,5um,20.0s	23.16	47	P	P	22 24 46.4	+0.2
G25K	comp=Z,254,SNR=35	23.23	35	P	P	22 24 47.3	+0.5
YUK	comp=Z,804nm,1.1s	23.40	285c	iP	e	22 25 15.9	
YUK	comp=Z,804nm,1.1s	23.40	285c	iP	e	22 25 26.4	
YUK	comp=Z,804nm,1.1s	23.40	285c	iP	e	22 29 00.0	+0.8
YUK	comp=Z,804nm,1.1s	23.40	285c	iP	e	22 29 38.1	+2.4
YUK	comp=Z,804nm,1.1s	23.40	285c	iP	e	22 30 05.2	
YUK	comp=Z,804nm,1.1s	23.40	285c	iP	e	22 24 47.8	0.0
NKL	comp=Z,3um,21.0s	23.45	290	eP	P	22 24 47.8	-1.2
NKL	comp=N,28nm,1.2s						
NKL	comp=Z,270nm,1.8s						
NKL	comp=N,11um,23.0s						
NKL	comp=E,21um,23.0s						
FYU	comp=Z,26um,21.0s	23.47	36	P	P	22 24 49.2	+0.1
BARN	comp=Z,26um,21.0s	23.57	50	IAMB	IAMB	22 24 49.7	-0.7
M27K	comp=Z,118nm,1.4s	23.66	47	IAMS_20	IAMS_20	22 35	24.1
M27K	comp=Z,9um,21.0s	23.66	47	P	P	22 24 51.6	+0.4
UGL	comp=Z,279c	23.68	279c	iP	e	22 24 52.5	+1.2
UGL	comp=Z,160nm,0.9s					22 25 22.3	
UGL	comp=Z,160nm,0.9s					22 29 07.4	+3.8
UGL	comp=Z,3um,5.0s						
UGL	comp=E,4um,12.5s						
CTG	comp=N,6um,16.0s	23.72	51	P	P	22 24 50.9	-0.9
CTGM	comp=Z,254,SNR=12	23.72	51	IAMB	IAMB	22 24 50.7	-1.1
F25K	comp=Z,52nm,0.7s	23.75	33	P	P	22 24 52.4	+0.4
L27K	comp=Z,254,SNR=258	23.81	45	P	P	22 24 53.7	+1.1
I26K	comp=Z,254,SNR=252	23.83	45	P	P	22 24 52.0	-0.7
BCAR	comp=Z,254,SNR=11	23.85	27	P	P	22 24 52.8	+0.1
K27K	comp=Z,7um,18.0s	23.92	43	IAMS_20	IAMS_20	22 35	14.9
K27K	comp=Z,7um,18.0s	23.92	43	P	P	22 24 54.1	+0.7
E25K	comp=Z,254,SNR=168	24.01	32	P	P	22 24 55.0	+0.7
YSS	comp=Z,181nm,1.0s	24.03	274	IAMB	IAMB	22 24 54.0	-0.6
YSS	comp=Z,6um,20.0s					22 33 18.6	

YSS	comp=Z,12nm,0.6s	24.03	274	P	P	22 24 55.3	+0.7
YSS	comp=Z,12nm,0.6s	24.03	274c	iP	eS	22 24 55.4	+0.8
YSS	comp=Z,3um,4.5s					22 24 35.5	+0.8
YSS	comp=N,800nm,5.2s						
YSS	comp=E,1um,3.4s						
YSS	comp=Z,160nm,1.0s						
YSS	comp=Z,4um,18.0s						
YSS	comp=N,3um,17.0s						
BMAR	comp=E,3um,17.0s	24.05	34	P	P	22 24 54.7	0.0
BVCY	comp=Z,254,SNR=27	24.14	47	P	P	22 24 55.5	-0.1
G26K	comp=Z,6um,20.0s	24.15	35	P	P	22 24 55.7	+0.2
PINM	comp=Z,254,SNR=27	24.18	53	P	P	22 24 55.6	-0.5
YUK3	comp=Z,254,SNR=56	24.23	49	P	P	22 24 55.9	-0.7
O28M	comp=Z,254,SNR=15	24.26	51	P	P	22 24 57.0	0.0
F26K	comp=Z,254,SNR=70	24.31	34	P	P	22 24 57.0	-0.1
D25K	comp=Z,254,SNR=70	24.33	29	P	P	22 24 57.6	+0.4
BCPM	comp=Z,6um,21.0s	24.48	53	IAMS_20	IAMS_20	22 35	30.8
EGAK	comp=Z,5um,18.0s	24.49	41	IAMS_20	IAMS_20	22 36	16.2
EGAK	comp=Z,5um,18.0s	24.49	41	P	P	22 24 59.1	+0.4
YUK8	comp=Z,254,SNR=85	24.51	50	P	P	22 24 58.6	-0.6
I27K	comp=Z,254,SNR=15	24.52	39	P	P	22 24 58.8	-0.2
PNL	comp=Z,254,SNR=10	24.60	54	P	P	22 24 59.8	+0.1
H27K	comp=Z,254,SNR=17	24.75	38	P	P	22 25 00.4	-0.7
G27K	comp=Z,254,SNR=30	24.88	37	P	P	22 25 02.6	+0.3
O29M	comp=Z,254,SNR=30	25.02	52	P	P	22 25 03.5	-0.3
YUK4	comp=Z,254,SNR=15	25.05	50	P	P	22 25 04.5	+0.4
C26K	comp=Z,254,SNR=15	25.07	29	P	P	22 25 04.6	+0.7
DAWY	comp=Z,77nm,0.7s	25.08	43	IAMB	IAMB	22 25 04.6	+0.5
DAWY	comp=Z,77nm,0.7s	25.08	43	P	P	22 25 05.0	+0.9
YUK6	comp=Z,254,SNR=58	25.16	51	P	P	22 25 05.9	+0.8
M29M	comp=Z,254,SNR=58	25.25	47	P	P	22 25 06.4	+0.7
C27K	comp=Z,254,SNR=58	25.30	30	P	P	22 25 06.4	+0.4
E27K	comp=Z,254,SNR=58	25.39	33	P	P	22 25 06.7	-0.1
JKA	comp=Z,254,SNR=58	25.40	268	P	P	22 25 07.2	0.0
ASAJ	comp=Z,122nm,0.8s	25.40	268	P	P	22 25 07.7	+0.5
ASAJ	comp=Z,122nm,0.8s	25.40	268	P	P	22 35 05.5	
L29M	comp=Z,3um,20.6s	25.48	46	P	P	22 25 07.1	-0.7
HYT	comp=Z,254,SNR=58	25.58	51	P	P	22 25 08.1	-0.7
HYT	comp=Z,254,SNR=58	25.58	51	P	P	22 25 09.1	+0.4
J29M	comp=Z,254,SNR=58	25.66	43	IAMS_20	IAMS_20	22 36	27.0
I29M	comp=Z,254,SNR=58	25.80	41	P	P	22 25 10.9	+0.3
N30M	comp=Z,254,SNR=58	25.81	50	P	P	22 25 10.3	-0.5
K29M	comp=Z,254,SNR=58	25.86	44	P	P	22 25 11.2	0.0
M30M	comp=Z,254,SNR=58	26.03	47	IAMS_20	IAMS_20	22 36	54.7
ERM	comp=Z,254,SNR=58	26.03	47	P	P	22 25 13.1	+0.4
ERM	comp=Z,254,SNR=58	26.14	263	P	P	22 25 14.3	+0.5
ERM	comp=Z,254,SNR=58	26.14	263	P	P	22 25 15.9	+2.1
ERM	comp=Z,254,SNR=58	26.14	263	eP	P	22 25 15.6	+1.8
JEM	comp=Z,138nm,1.2s	26.14	263	P	P	22 25 15.6	+1.8
O30M	comp=Z,138nm,1.2s	26.17	51	P	P	22 25 15.5	+0.6
S31K	comp=Z,254,SNR=58	26.29	58	P	P	22 25 15.6	+0.6
N31M	comp=Z,254,SNR=58	26.44	50	IAMS_20	IAMS_20	22 37	33.4
N31M	comp=Z,254,SNR=58	26.44	50	P	P	22 25 17.1	+0.6
GRNR	comp=Z,254,SNR=58	26.60	286	iP	P	22 25 18.2	+0.3
GRNR	comp=Z,254,SNR=58	26.60	286	iP	P	22 25 15.9	+2.1
GRNR	comp=N,8,0nm,0.7s						
GRNR	comp=E,20nm,0.7s						
GRNR	comp=Z,30nm,0.9s						
GRNR	comp=N,2,0nm,0.6s						
GRNR	comp=E,1um,20.0s						
GRNR	comp=N,2um,14.0s						
GRNR	comp=Z,1um,18.0s						
EPYK	comp=Z,4um,18.0s	26.66	39	IAMS_20	IAMS_20	22 37	29.3
EPYK	comp=Z,4um,18.0s	26.66	39	P	P	22 25 19.0	+0.6
G30M	comp=Z,254,SNR=58	26.99	38	P	P	22 25 22.0	+0.6
M31M	comp=Z,254,SNR=58	27.12	48	IAMS_20	IAMS_20	22 37	07.6
M31M	comp=Z,254,SNR=58	27.12	48	P	P	22 25 22.6	0.0
S32K	comp=Z,254,SNR=58	27.23	59	P	P	22 25 22.9	-0.5
JIS	comp=Z,254,SNR=58	27.24	57	IAMS_20	IAMS_20	22 36	07.6
P32M	comp=Z,254,SNR=58	27.48	54	P	P	22 25 25.6	-0.2
FARO	comp=Z,254,SNR=58	27.61	48	P	P	22 25 26.8	-0.1
FARO	comp=Z,254,SNR=58	27.61	48	P	P	22 25 27.0	+0.1
P33M	comp=Z,254,SNR=58	27.90	53	IAMS_20	IAMS_20	22 38	09.1
P33M	comp=Z,254,SNR=58	27.90	53	P	P	22 25 29.7	+0.1
F31M	comp=Z,254,SNR=58	28.03	37	P	P	22 25 30.7	+0.2
JTM	comp=Z,254,SNR=58	28.13	263	P	P	22 25 31.2	-0.5
Q22M	comp=Z,254,SNR=58	28.13	263	P	P	22 25 33.1	+1.9
JTM	comp=Z,254,SNR=58	28.27	55	P	P	22 25 32.6	-0.5
INK	comp=Z,9.1nm,0.5s	28.30	35	P	P	22 25 32.4	-0.5
INK	comp=Z,9.1nm,0.5s	28.30	35	PcP	PcP	22 28 44.4	-0.6
INK	comp=Z,9.1nm,0.5s	28.30	35	P	P	22 32 22.9	

MIAR	comp=Z,1um,20.0s	62.38	69	P	P	22 30 01.7	-0.5
MIAR	Mount Ida	62.38	69	P	P	22 30 02.0	-0.2
MIAR	Mount Ida	62.38	69	P	P	22 30 02.0	-0.2
AAM	Ann Arbor	62.41	56	IAMS_20	IAMS_20	22 56 01.8	
AAM	Ann Arbor	62.41	56	P	P	22 30 01.4	-0.9
P46A	Rosedale	62.41	60	P	P	22 30 02.4	0.0
KMI	Kunming	62.45	276	↑P	S	22 30 02.6	-0.5
KMI				S	S	22 38 24.1	-3.9
KMI				ScS	ScS	22 39 53.0	0.0
KMI				pmax	pmax		
KMI	comp=Z,25nm,1.2s						
KMI	comp=Z,390nm,7.2s						
KMI	comp=Z,1um,19.3s			LR	LR		
KMI	comp=Z,790nm,21.1s			LR	LR		
Z38A	Mt. Pleasant	62.45	70	P	P	22 30 02.7	0.0
QIZ	Qiongzong	62.46	266	P	P	22 30 03.0	+0.1
QIZ				pP	pP	22 30 11.3	-1.9
QIZ				PP	PP	22 32 20.3	-0.1
QIZ				S	S	22 38 30.1	+2.4
QIZ				sS	sS	22 38 44.8	+0.9
QIZ				ScS	ScS	22 39 53.1	+0.4
QIZ				pmax	pmax		
QIZ	comp=Z,500nm,2.8s			LR	LR		
QIZ	comp=Z,720nm,18.2s			LR	LR		
QIZ	comp=Z,740nm,16.7s			LR	LR		
OLIL	Olney	62.55	62	P	P	22 30 03.5	+0.3
PBMO	Poplar Bluff	62.62	65	P	P	22 30 03.4	-0.3
S44A	Carbondale	62.64	63	P	P	22 30 04.0	+0.1
435B	Jarrell	62.65	74	IAMS_20	IAMS_20	22 57 26.7	
435B	Jarrell	62.65	74	P	P	22 30 04.0	-0.1
HNR	Honiarra	62.69	201	LR	LR	22 52 02.0	
HNR	Honiarra	62.69	201	IAMS_20	IAMS_20	22 51 17.8	
LCAR	Lake Charles	62.70	66	P	P	22 30 03.6	-0.7
237A	Washetta, Mont	62.85	72	P	P	22 30 06.3	+0.9
SADO	Sadowa	62.93	52	LR	LR	22 57 19.1	
SHLS	Shalkode	63.06	306	eP	P	22 30 05.5	-1.3
SHLS	Shalkode	63.06	306	eP	P	22 30 05.5	-1.3
SHLS				pmax	pmax		
GENI	Genyem	63.06	225	P	P	22 30 08.4	+1.5
GENI	Genyem	63.06	225	P	P	22 30 06.2	-0.7
O48B	Farmland	63.07	59	P	P	22 30 06.6	-0.2
O48B	Farmland	63.07	59	P	P	22 30 06.0	-0.7
KIRV	Kirov	63.09	333	P	P	22 30 07.2	+0.6
KIRV	Kirov	63.09	333	LR	LR	23 01 43.3	
KIRV	Kirov	63.09	333	eP	P	22 30 08.1	+1.5
N49A	Columbus Grove	63.11	58	P	P	22 30 07.3	+0.3
N49A				P	P	22 30 07.3	+0.3
SMP1	Sarmi	63.18	227	P	P	22 30 07.7	0.0
KPKS	Kokpek	63.23	307	↑P	P	22 30 08.1	+0.2
KPKS	Kokpek	63.23	307	c/P	P	22 30 08.1	+0.2
KPKS				pmax	pmax		
BORG	Borgarnes	63.24	10	LR	LR	22 59 30.5	
BORG	Borgarnes	63.24	10	P	P	22 30 07.2	-0.2
BORG	Borgarnes	63.24	10	P	P	22 30 07.2	-0.2
BORG				pmax	pmax		
UZB	Uzynbulak	63.29	306	eP	P	22 30 08.5	+0.1
UZB	Uzynbulak	63.29	306	eP	P	22 30 08.4	+0.1
833A	Chaparral WMA	63.30	77	P	P	22 30 07.9	-0.5
833A	Chaparral WMA	63.30	77	P	P	22 30 09.3	+0.8
USIN	University of	63.33	62	P	P	22 30 08.6	+0.1
P48A	Milroy	63.49	59	P	P	22 30 09.5	0.0
P48A				P	P	22 30 09.5	0.0
O49A	Covington	63.56	58	P	P	22 30 09.9	-0.1
O49A				P	P	22 30 09.9	-0.1
ZHN	Zhinishe	63.57	307	eP	P	22 30 10.4	+0.2
ZHN	Zhinishe	63.57	307	eP	P	22 30 10.3	+0.2
KLMR	Klimovskoe	63.63	339	eP	P	22 30 06.4	-3.7
KLMR				AMP	AMP	22 30 08.3	
KLMR				LR	LR	22 53 14.7	
KLMR				AMP	AMP	23 02 11.1	
KLMR	Klimovskoe	63.63	339	eP	P	22 30 06.4	-3.7
KLMR				pmax	pmax		
KLMR				MLR	MLR		
SATY	Saty	63.66	307	↑P	P	22 30 11.0	+0.2
SATY	Saty	63.66	307	c/P	P	22 30 11.0	+0.2
SATY				pmax	pmax		
NATX	Nacogdoches	63.71	71	P	P	22 30 10.4	-0.7
NATX	Nacogdoches	63.71	71	P	P	22 30 10.8	-0.3
Z41A	Richard Creek	63.74	69	P	P	22 30 10.8	-0.5
CHKK	Chushkaly	63.80	308	eP	P	22 30 10.9	-0.6
CHKK	Chushkaly	63.80	308	eP	P	22 30 10.9	-0.6
P49A	Miami Univ. Ec	63.82	59	P	P	22 30 11.2	-0.5
WCI	Wyandotte Cave	63.90	61	P	P	22 30 12.0	-0.3
WCI				IAMB	IAMB	22 30 45.8	
WCI	Wyandotte Cave	63.90	61	P	P	22 30 12.0	-0.3
WCI				pmax	pmax		
WCI	Wyandotte Cave	63.90	61	P	P	22 30 11.8	-0.4
LATQ	La Tuque	64.01	46	P	P	22 30 11.3	-1.5
LATQ				IAMB	IAMB	22 30 17.5	
KUU	Kurty	64.09	308	↑P	P	22 30 12.7	-0.7
KUU	Kurty	64.09	308	c/P	P	22 30 12.7	-0.7
NSS	Namsos	64.11	354	eP	IAMB	22 30 13.5	+0.3
NSS				IAMB	IAMB	22 30 25.8	
ACSO	Alum Creek Sta	64.25	57	P	P	22 30 14.6	+0.1
MDOK	Medeo	64.27	307	eP	P	22 30 14.9	+0.1
MDOK	Medeo	64.27	307	eP	P	22 30 14.9	+0.1
AAA	Alma-Ata	64.30	308	eP	P	22 30 15.4	+0.5
AAA	Alma-Ata	64.30	308	eP	P	22 30 15.4	+0.5
AAA				pmax	pmax		
HKT	Hockley	64.30	74	P	P	22 30 15.1	+0.2

HKT	Hockley	64.30	74	IAMS_20	IAMS_20	23 01 01.1	
HKT	Hockley	64.30	74	c/P	P	22 30 16.3	+1.4
HKT				pmax	pmax		
HKT				pmax	pmax		
T47A	Sharon Grove	64.34	62	P	P	22 30 16.4	+1.5
BTLS	Baital	64.36	311	↑P	P	22 30 14.9	-0.3
BTLS	Baital	64.36	311	c/P	P	22 30 14.8	-0.3
BTLS				pmax	pmax		
TNSS	Tian-Shan	64.41	307	eP	P	22 30 16.3	+0.2
TNSS	Tian-Shan	64.41	307	eP	P	22 30 16.2	+0.2
R49A	Shelbyville	64.47	60	P	P	22 30 15.5	-0.5
R49A				P	P	22 30 15.5	-0.5
W45A	Hickory Valley	64.48	65	P	P	22 30 15.4	-0.7
W45A				P	P	22 30 15.9	-0.6
WVT	Waverly	64.55	64	IAMB	IAMB	22 30 46.4	
WVT	Waverly	64.55	64	IAMS_20	IAMS_20	22 58 33.5	
WVT	Waverly	64.55	64	P	P	22 30 16.0	-0.6
WVT				pmax	pmax		
WVT				MLR	MLR		
WVT	Waverly	64.55	64	P	P	22 30 17.2	+0.7
WVT	Waverly	64.55	64	P	P	22 30 16.4	-0.2
M53A	WI Miller and	64.57	55	P	P	22 30 16.5	-0.1
P51A	Williamsport	64.75	58	P	P	22 30 16.8	-0.9
P51A				P	P	22 30 16.8	-0.9
OXF	Oxford	64.81	66	P	P	22 30 17.9	-0.4
OXF				IAMS_20	IAMS_20	23 00 51.7	
OXF	Oxford	64.81	66	P	P	22 30 17.9	-0.4
OXF				pmax	pmax		
OXF				MLR	MLR		
OXF	Oxford	64.81	66	P	P	22 30 18.0	-0.3
OXF	Oxford	64.81	66	P	P	22 30 18.1	-0.2
OXF				P	P	22 30 18.1	-0.2
WVNY	West Valley, N	64.92	53	P	P	22 30 19.0	+0.1
O52A	Adamsville	64.93	57	P	P	22 30 17.9	-1.1
O52A				P	P	22 30 17.9	-1.1
R50A	Paris	64.94	60	P	P	22 30 18.4	-0.6
R50A				P	P	22 30 18.4	-0.6
TARG	Taragay, Kyrgy	64.94	306	P	P	22 30 19.5	0.0
TARG				IAMB	IAMB	22 30 28.8	
TARG	Taragay, Kyrgy	64.94	306	P	P	22 30 19.5	0.0
TARG				pmax	pmax		
N53A	Lisbon	64.95	56	P	P	22 30 18.6	-0.5
N53A				P	P	22 30 18.6	-0.5
P52A	Corning	65.13	57	IAMS_20	IAMS_20	22 58 08.8	
P52A	Corning	65.13	57	P	P	22 30 20.1	-0.1
TNCH	TengChong	65.14	279	↑P	P	22 30 21.3	+0.5
TNCH				PcP	PcP	22 30 54.1	+0.9
TNCH				PP	PP	22 32 46.0	+2.0
TNCH				S	S	22 39 01.8	+0.4
TNCH				ScS	ScS	22 40 12.3	-1.0
TNCH				SS	SS	22 43 15.1	+1.5
TNCH				pmax	pmax		
TNCH				pmax	pmax		
TNCH				LR	LR		
TNCH				LR	LR		
TNCH				LR	LR		
TNCH				LR	LR		
O53A	New Philadelph	65.16	56	P	P	22 30 20.2	-0.2
TKM2	Tokmak 2	65.17	308	P	P	22 30 21.2	+0.5
Y45A	Yeager Farm, C	65.20	66	P	P	22 30 21.0	+0.2
LONY	Lake Ozonia	65.24	49	P	P	22 30 21.1	+0.2
SGDS	Sogindy	65.25	309	eP	P	22 30 21.6	+0.5
SGDS	Sogindy	65.25	309	eP	P	22 30 21.6	+0.5
SGDS				pmax	pmax		
ULHL	Ulahol	65.35	307	P	P	22 30 22.4	+0.5
ZAIG	Zacatecas	65.36	84	P	P	22 30 21.1	-1.2
V48A	Smith Brothers	65.40	63	P	P	22 30 21.8	-0.2
U49A	Red Boiling Sp	65.42	62	P	P	22 30 21.6	-0.6
USP	Openovka	65.45	309	P	P	22 30 23.1	+0.7
TBLU	Trondheim	65.49	354	eP	P	22 30 21.2	-1.0
CHMS	Chumysh	65.53	309	P	P	22 30 23.6	+0.7
M55A	Ridgway	65.53	54	P	P	22 30 22.3	-0.6
M55A				P	P	22 30 22.3	-0.6
Q52A	Bidwell	65.55	58	P	P	22 30 23.1	+0.1
Q52A				P	P	22 30 23.1	+0.1
T50A	Nancy	65.57	61	P	P	22 30 22.9	-0.3
T50A				P	P	22 30 22.9	-0.3
FIA1	FINESS Array S	65.59	346	P	IAMB	22 30 21.5	-1.4
FIA1				IAMB	IAMB	22 31 17.9	
FINES	FINESS Array B	65.59	346	P	P	22 30 21.5	-1.4
FINES				LR	LR	23 03 38.0	
FINES				LR	LR		
FINES	FINESS Array B	65.59	346	P	P	22 30 21.6	-1.2
FINES	FINESS Array B	65.59	346	c/P	P	22 30 21.6	-1.2
FINES				pmax	pmax		
L56A	Greenwood	65.64	53	P	P	22 30 22.8	-0.9
L56A				P	P	22 30 22.8	-0.9
KBK	Karagaybulak	65.69	308	P	P	22 30 24.7	+0.7
K57A	Scipio Center	65.72	52	P	P	22 30 23.6	-0.4
S51A	Beaverville	65.80	60	P	P	22 30 24.7	0.0
S51A	</						

KVAR	Kislovodsk Arr	77.91 329	LR	LR	23 10 01.8
KIV	Kislovodsk	77.92 329	P	P	22 31 38.2 +0.8
KIV	Kislovodsk	77.92 329	I Amb	I Amb	22 31 38.6 +1.2
KIV	comp=Z,22nm,1.0s		I AMs_20	I AMs_20	23 10 29.3
KIV	Kislovodsk	77.92 329	eP	p max	22 31 38.2 +0.8
KIV	comp=Z,1.15nm,1.0s		MLR	MLR	
KIV	Kislovodsk	77.92 329	i P	P	22 31 38.9 +1.6
KRLC	Kraliky	77.92 348	eP	x	22 31 36.6 -0.6
KRLC	AMS		AMS	AMS	23 12 20.0
KRLC	Kraliky	77.92 348	eP	P	22 31 36.6 -0.6
KRLC	AMS		MLR	MLR	22 31 48.9
STHS	Stebnicka Huta	77.93 345	eP	p max	22 31 38.2 +1.0
STHS	comp=Z,1.15nm,1.0s		P	P	
STHS	Stebnicka Huta	77.93 345	eP	AMS	22 31 38.2 +1.0
OKC	Ostrava-Krasne	77.97 348	AMS	AMS	23 12 00.0
KBZ	Khabaz	78.05 329	LR	LR	23 10 13.0
KBZ	Khabaz	78.05 329	eP	p max	22 31 39.8 +1.9
MORC	Moravsky Berou	78.11 348	P	P	22 31 38.1 -0.2
MORC	Moravsky Berou	78.11 348	P	P	22 31 38.0 0.0
MORC	Moravsky Berou	78.11 348	P	P	22 31 38.1 -0.2
MORC	comp=Z,9.0nm,1.2s		p max	p max	
NRG	Novy Kostel	78.24 351	eP	P	22 31 38.4 -0.5
NKC	Novy Kostel	78.24 351	eP	P	22 31 38.4 -0.5
PRU	Pruhonic	78.27 350	eP	AMS	22 31 39.5 +0.4
PRU	comp=Z,1.15nm,22.7s		AMS	AMS	23 09 40.0
PRU	Pruhonic	78.27 350	eP	P	22 31 39.5 +0.4
MEM	Membach	78.33 356	dP	P	22 31 40.1 +0.7
MEM	comp=Z,9.2nm,1.1s		P	P	
BTNL	Ternell	78.35 355	dP	P	22 31 39.1 -0.4
AKT	Akhty	78.39 325	eP	e	22 31 40.6 +0.6
AKT	AMS		S	S	22 31 48.9
AKT	AMS		eS	p max	22 41 36.9 +3.7
LANS	Liptovska Anna	78.46 347	eP	p max	22 31 41.2 +1.0
LANS	comp=Z,1.4nm,1.4s		p max	p max	
LANS	Liptovska Anna	78.46 347	eP	P	22 31 41.2 +1.0
MAUC	Maruska	78.48 348	AMS	AMS	23 12 30.0
RK1H	Rockhampton Ha	78.49 207	P	P	22 31 42.8 +2.4
RK1H	comp=Z,14nm,0.0s		P	P	
BCLA	Clavier	78.55 356	dP	P	22 31 40.6 0.0
BCLA	comp=Z,6.5nm,1.0s		P	P	
ZEI	Tsey	78.56 328	eP	p max	22 31 40.9 -0.2
ZEI	comp=Z,39nm,1.1s		p max	p max	
BGES	Gesves	78.60 356	dP	P	22 31 41.0 -0.5
BGES	comp=Z,6.6nm,1.0s		P	P	
KULM	Kulim	78.68 264	P	I Amb	22 31 41.5 -0.3
KULM	AMS		I Amb	I Amb	22 31 43.4
BMRD	Maredsous	78.69 356	dP	P	22 31 40.6 -0.8
VRAC	Vranov	78.70 348	iP	LR	22 31 40.9 -0.5
VRAC	comp=Z,904nm,18.2s		LR	LR	23 10 55.2
VRAC	Vranov	78.70 348	eP	P	22 31 41.4 -0.1
VRAC	Vranov	78.70 348	eP	P	22 31 40.9 -0.5
ANN	Anapa	78.73 333	eP	p max	22 31 48.1 +6.4
ANN	comp=Z,65nm,1.3s		p max	p max	
ANN	comp=N,3um,21.0s		MLR	MLR	
RCHB	Rochefort	78.82 356	dP	MLR	22 31 41.7 -0.4
RCHB	comp=Z,2um,21.0s		MLR	MLR	
KIS	Kishinev	78.83 340	eP	MLR	22 31 42.0 -0.2
KIS	AMS		MLR	MLR	
GRA1	Grafenberg Arr	78.89 352	P	I Amb	22 31 42.7 +0.2
GRA1	AMS		I Amb	I Amb	22 31 48.2
GRF	Grafenberg Arr	78.89 352	P	p max	22 31 42.7 +0.2
GRF	AMS		p max	p max	
GRFO	Grafenberg	78.89 352	P	I Amb	22 31 42.0 -0.5
GRFO	AMS		I Amb	I Amb	22 31 48.2
GRFO	Grafenberg	78.89 352	P	p max	22 31 42.0 -0.5
GRFO	AMS		p max	p max	
DOU	Dourbes	78.91 356	dP	P	22 31 42.6 0.0
DOU	comp=Z,6.8nm,1.8s		P	P	
MILM	Milestii Mici	78.91 340	eP	L	22 31 41.0 -1.6
MILM	AMS		L	L	23 02 33.0
MILM	AMS		LQM	LQM	23 10 14.0
MILM	comp=Z,2um,19.5s		LRM	MLR	23 11 08.0
MILM	Milestii Mici	78.91 340	eP	MLR	22 31 41.0 -1.6
MILM	AMS		MLR	MLR	
BUR08	Bucovina Ar. S	78.95 342	P	I Amb	22 31 43.0 -0.1
BUR08	AMS		I Amb	I Amb	22 31 45.9
KRUC	Krasperske Hory	78.96 349	eP	P	22 31 42.9 0.0
TRPA	Tarpa	78.97 344	iP	P	22 31 43.1 +0.2
BURAR	Bucovina Array	78.98 342	iP	P	22 31 43.3 +0.4
BURAR	AMS		P	P	22 31 42.8 -0.4
BURAR	Bucovina Array	78.98 342	I Amb	I Amb	22 31 46.0
BURAR	AMS		I Amb	I Amb	22 31 46.0
BURAR	comp=Z,30nm,0.7s		P	P	22 31 43.4 +0.3
JAVC	Velka Javorina	79.00 348	eP	P	22 31 44.4 +1.2
IPM	Iph	79.08 263	P	I Amb	22 31 43.0 -1.0
IPM	AMS		I Amb	I Amb	22 31 45.0
IPM	comp=Z,26nm,1.0s		I AMs_20	I AMs_20	23 09 05.1
IPM	comp=Z,752nm,19.0s		P	P	
SOC	Sochi	79.08 263	P	P	22 31 44.3 +0.3
SOC	AMS		P	P	22 31 36.0 -8.1
SOC	AMS		e	e	22 34 39.5
SOC	AMS		ePPP	PPP	22 36 35.1
SOC	AMS		eSSS	SSS	22 50 15.7
SOC	AMS		MLR	MLR	
VYHS	Vyhne	79.19 347	eP	p max	22 31 44.0 -0.2
VYHS	AMS		p max	p max	
VYHS	Vyhne	79.19 347	eP	P	22 31 44.0 -0.2
KHC	Kasperske Hory	79.22 350	eP	P	22 31 44.4 -0.2
KHC	AMS		P	P	22 31 43.9 -0.5
KHC	AMS		x	x	22 32 09.5
KHC	AMS		AMS	AMS	23 09 30.0
KHC	Kasperske Hory	79.22 350	eP	p max	22 31 44.9 +0.5
KHC	AMS		p max	p max	
WLF	Walferdange	79.27 355	dP	S	22 31 44.6 0.0
TBI	Tubuai	79.27 151	eS	S	22 41 44.0 +1.7
TBI	AMS		eSS	SS	22 46 52.0 +1.8
TBI	AMS		eLR	LR	22 56 26.5
TBI	AMS		eLR	LR	22 56 26.5
TBI	AMS		eT	T	23 09 00.5
TBI	AMS		eT	T	23 09 00.5
SMOL	Smolenice	79.37 348	eP	p max	22 31 46.6 +1.5
SMOL	AMS		p max	p max	

CKRC	Cesky Krumlov	79.45 350	eP	P	22 31 45.7 +0.1
CKRC	AMS		AMS	AMS	23 13 10.0
CKRC	Cesky Krumlov	79.45 350	eP	MLR	22 31 45.7 +0.1
CKRC	AMS		MLR	MLR	
QIS	Mount Isa	79.48 217	P	P	22 31 46.9 +0.9
GECZ	GERESS Array S	79.49 350	P	P	22 31 45.9 0.0
GERES	GERESS Array B	79.49 350	P	P	22 31 45.3 -0.6
GERES	comp=Z,1.2nm,0.6s		LR	LR	23 10 39.5
GERES	comp=Z,9.45nm,19.0s		baz=19	slow=38	
GERES	GERESS Array B	79.49 350	P	P	22 31 45.2 -0.7
MODS	Modra-Piesok	79.53 348	eP	p max	22 31 47.2 +1.2
MODS	AMS		p max	p max	
MODS	Modra-Piesok	79.53 348	eP	P	22 31 47.2 +1.2
MODS	AMS		p max	p max	
ALRAC	ARCALLIA	79.65 343	iP	P	22 31 47.5 +0.8
PLAI	Plampang	79.69 242	P	P	22 31 46.3 -0.9
PLAI	AMS		P	P	22 31 45.3 -1.9
PLAI	Plampang	79.69 242	P	P	22 31 45.3 -1.9
TESR	Tescani	79.75 341	iP	P	22 31 46.6 -0.6
KNRA	Kunurru	79.80 229	P	P	22 31 49.0 +1.3
SRO	Srobarova	79.93 347	eP	P	22 31 48.9 +0.7
SRO	Grobava	79.93 347	eP	P	22 31 49.3 +0.7
VLDR	Vladest	80.09 340	iP	P	22 31 49.6 +0.6
CONA	Conrad Observa	80.14 349	eP	P	22 31 49.1 -0.3
CJR	Cluj-Napoca	80.15 343	iP	P	22 31 49.8 +0.4
CJR	AMS		P	P	22 31 49.8 +0.4
EIDS	Eidsvold	80.21 206	P	P	22 31 48.1 -1.0
EIDS	AMS		I Amb	I Amb	22 31 52.1
EIDS	Eidsvold	80.21 206	P	P	22 31 51.2 +1.5
EIDS	AMS		P	P	23 00 51.1
RAO	Raoul Island	80.15 177	LR	LR	23 00 51.1
DRGR	Drummond	80.23 344	iP	P	22 31 49.0 -0.9
DRGR	AMS		P	P	22 31 50.0 +0.1
MARR	Marisel-Cluj	80.27 343	iP	P	22 31 50.5 +0.3
RONA	Rosalia, Austr	80.31 348	eP	P	22 31 50.8 +0.5
VRI	Vrincioia	80.36 341	iP	P	22 31 49.8 -0.7
VRI	Vrincioia	80.36 341	iP	P	22 31 49.8 -0.7
PLOR	Plostinia	80.39 341	iP	P	22 31 50.0 -0.8
PLOR	Plostinia	80.39 341	iP	P	22 31 49.9 -0.8
MOA	Molin	80.41 350	eP	P	22 31 53.1 +2.3
BFO	Black Forest	80.47 354	P	P	22 31 50.6 -0.5
BFO	AMS		p max	p max	22 31 50.6 -0.5
BFO	AMS		p max	p max	
SNET	Serv Nac 16st	80.48 80	I AMs_20	I AMs_20	23 02 57.9
SNET	AMS		I AMs_20	I AMs_20	23 02 57.9
COVR	Voineasa-Covas	80.48 341	iP	P	22 31 52.0 +0.7
COVR	AMS		P	P	22 31 52.2 +0.7
TCLR	TCLR	80.55 339	iP	P	22 31 51.6 0.0
TCLR	AMS		P	P	22 31 51.5 0.0
GNI	Garni	80.63 326	P	P	22 31 52.5 +0.2
GNI	AMS		LR	LR	23 13 11.5
GNI	AMS		P	P	22 31 52.5 +0.2
GNI	AMS		I Amb	I Amb	22 32 19.7
GNI	AMS		P	P	22 31 54.1 +1.8
GNI	AMS		p max	p max	
GNI	AMS		P	P	22 31 53.7 +1.4
GNI	AMS		P	P	22 31 51.6 -0.4
GNI	AMS		P	P	22 31 51.5 -1.0
GNI	AMS		P	P	22 31 51.4 -1.0
GNI	AMS		P	P	22 31 53.4 +0.4
ARSA	Arzberg	80.85 349	eP	P	22 31 54.5 +1.3
WB0	Warramunga Arr	80.87 222	P	I Amb	22 31 52.1 -1.3
WB0	AMS		I Amb	I Amb	22 31 54.4
MLR	Muntele Rosu	80.87 341	iP	LR	22 31 53.6 +0.1
MLR	Muntele Rosu	80.87 341	LR	LR	23 11 57.8
MLR	Muntele Rosu	80.87 341	iP	P	22 31 54.0 +0.5
MLR	Muntele Rosu	80.87 341	P	P	22 31 53.5 +0.1
SIRR	Siria	80.92 344	iP	P	22 31 54.3 +0.8
TPGR	Topolog	80.95 339	iP	P	22 31 52.9 -0.9
WRAB	Tennant Creek	81.03 222	P	I Amb	22 31 52.5 -1.8
WRAB	AMS		I Amb	I Amb	22 31 55.3
WRAB	Tennant Creek	81.03 222	P	P	22 31 53.0 -1.0
WRAB	Tennant Creek	81.03 222	iP	P	22 31 53.0 -1.3
WRAB	AMS		p max	p max	
WRAB	AMS		p max	p max	
WB2	Warramunga Arr	81.04 222	P	I Amb	22 31 52.9 -1.5
WB2	AMS		I Amb	I Amb	22 31 55.4
WRA	Warramunga Arr	81.05 222	P	LR	22 31 53.0 -1.4
WRA	AMS		LR	LR	23 05 04.8
WRA	AMS		P	P	22 31 53.0 -1.4
WRA	AMS		p max	p max	
CLF	Chambon-Foret	81.05 358	P	P	22 31 54.3 +0.1
WB1	Warramunga Arr	81.06 222	P	P	22 31 53.3 -1.2
VOIR	Voir	81.10 342	iP	P	22 31 55.3 +0.6
VOIR	AMS		P	P	22 31 54.2 +0.6
PPBI	Pangkal Pinang	81.11 255	P	P	22 31 56.4 +1.4
RETA	Reutte	81.12 352	eP	P	22 31 55.4 +0.8
WATA	Walderaim	81.19 351	iP	P	22 31 55.7 +0.6
WATA	AMS		P	P	22 31 55.2 0.0
HARR	Harsova	81.22 340	iP	P	22 31 55.1 0.0
HARR	Harsova	81.22 340	iP	P	22 31 55.1 0.0
MOTA	Moosalm	81.23 352	iP	P	22 31 54.9 -0.5
ARR	Arzberg	81.25 342	iP	P	22 31 56.2 +0.8
ARR	AMS		P	P	22 31 55.4 -0.1
WTTA	Wattenberg	81.26 351	iP	P	22 31 56.2 +0.8
WTTA	AMS		P	P	22 31 55.8 +0.2
KBA	Koelnbreinsper	81.27 350	iP	P	22 31 56.8 +0.3
KBA	AMS		P	P	22 31 56.8 +0.3
TLBR	Topal	81.33 340	iP	P	22 31 55.8 +0.1
TIRR	Tirgusor	81.33 339	iP	P	22 31 56.0 +0.3
TIRR	Tirgusor	81.33 339	P	P	22 31 56.8 +1.1

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KONO, MDT, NC602, ABKAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like GKN, PKIN, SUMG, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like TXAR, MRVT, IMND, etc.

2017 MAR

16d 1h

Main table containing station call signs, frequencies, and coordinates. Includes sub-sections for '16d 1h' and '2017 MAR'.

Detailed table with columns: Code, Station Name, Frequency, Azimuth, Phase, ID, Time, Res. Includes station names like GTOI Gorontalo, GTOI Mrosi, MRSI Marisa, LRSI Luwuk, TNTI Ternate.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Labuha, Sanana, Mapaga, Namlea, Sidrap Palu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Renai, Wudat, WVDW, DPDB, WCS, HGSD, SMLT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA1, VNA3, VNA2, VNA2, SNA, SNA, TROLL, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Pinedale Array, North Lily Min, Goldstone, Blindstream Ca, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes NEIC 16 03:47:36.3±1.2, 24.07±0.08, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes VAO 16 04:12:05.7±0.4, 21.37±0.68, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes VAO 16 04:12:05.7±0.4, 21.37±0.68, etc.

CNLS	Canela	17.56 120	eP	Pn	04 16 03.2 +0.2
TEFE	Tefe	18.18 12	eP	P	04 16 09.5 +0.3
GO06	Curarahue	18.29 188	P	P	04 16 09.6 -0.8
BB19B	Bebeduro	18.40 92	eP	P	04 16 12.4 +0.7
TER01	Tubarao-SC	18.71 116	eP	Pn	04 16 16.8 +0.1
SNB5	Serra Nova Dou	18.77 63	eP	P	04 16 17.3 +0.5
NPGB	Novo Progresso	18.99 43	eP	P	04 16 17.3 +0.8
IPMB	Iperameri, GO	19.18 83	eP	P	04 16 20.4 +0.1
RCLB	Rio Claro- Sao	19.26 97	eP	P	04 16 21.0 +0.1
PLCA	Piso Flores	19.32 185	P	P	04 16 20.4 -1.3
	comp=2.3,4nm,0.6s,baz=359,slow=11,SNR=17				
PLCA	Piso Flores	19.32 185	eP	P	04 16 22.5 +0.8
SPB	Sao Paulo	19.36 100	eP	P	04 16 22.4 +0.3
PET01	Itanhaem-SP	19.54 102	eP	P	04 16 24.7 +0.6
MACA	Manacapuru-AM	19.61 23	eP	P	04 16 23.7 -1.2
MACA	Manacapuru-AM	19.61 23	eP	P	04 16 23.7 -1.2
LL04	Puerto Octay	19.72 189	P	P	04 16 23.2 -0.6
	comp=2.21nm,1.1s				
VAO	Vaiinhos	19.77 98	eP	P	04 16 25.4 -1.3
BDFB	Brasilia	20.04 77	P	P	04 16 28.2 -1.4
	comp=2.7,1nm,1.0s,baz=257,slow=14,SNR=7.6				
BDFB	Brasilia	20.04 77	P	P	04 16 29.0 -0.6
	comp=2.21nm,1.4s				
BDFB	Brasilia	20.04 77	eP	P	04 16 29.0 -0.6
PMNB	Patos De Minas	20.71 86	eP	P	04 16 36.5 -0.3
ITTB	Itaituba	20.88 37	eP	P	04 16 38.1 -0.5
PARB	Paraibuna	21.02 99	eP	P	04 16 39.4 -0.7
SGCB	Seo Gabriel d	21.23 3	eP	P	04 16 41.3 -1.0
LL02	Futaleuf	21.89 187	P	P	04 16 47.9 -1.1
	comp=2.13nm,1.1s				
PRPB	Parauapebas	23.44 52	eP	P	04 17 03.9 -0.7
SMTB	Santa Maria do	23.51 61	eP	P	04 17 05.8 +0.6
JANB	Januaria	23.60 78	eP	P	04 17 06.3 +0.1
OTAV	Otavaio	23.74 334	P	P	04 17 07.7 -0.1
OTAV	Otavaio	23.74 334	eP	P	04 17 08.7 +0.9
MALB	Monte Alegre	23.77 37	eP	P	04 17 06.9 -0.7
DUB01	Friburgo-RJ	24.04 96	eP	P	04 17 11.8 +1.7
SDA8	SAO DESIDERIO	24.08 15	eP	P	04 17 10.4 +0.1
BOAV	Boa Vista	24.88 19	eP	P	04 17 18.1 +1.2
MCPB	Macapa, AP	26.26 39	eP	P	04 17 31.1 +1.0
ROSC	EI Rosal	26.79 347	LR	LR	04 20 26.6
	comp=2.65nm,18.2s,baz=138,slow=41				
GO08	Villa O'Higin	27.18 186	P	P	04 17 37.8 -0.2
GO08					04 17 41.9
	comp=2.7,0nm,0.8s				
RUSC	La Rusia	27.58 340	P	P	04 17 42.8 +0.3
RUSC					04 17 52.6
	comp=2.14nm,0.8s				
BAUV	EI Baul	30.20 0	P	P	04 18 05.0 -0.1
SDV	Santo Domingo	30.23 355	LR	LR	04 32 36.5
	comp=5.2nm,19.2s,baz=129,slow=41				
TOSP	Speyside	33.41 14	P	P	04 18 34.3 +1.0
CELP	Cerrillos	39.31 3	P	P	04 19 23.0 +0.4
SGJ	San Juan	39.37 3	P	P	04 19 22.4 -1.5
UUPR	Utatado, UPR, P	39.48 2	P	P	04 19 23.4 -1.4
ZAIG	Zacatecas	55.22 321	P	P	04 21 26.6 -0.5
ZAIG					04 21 29.8
	comp=2.8,3nm,1.0s				
SWET	Sewate	58.80 343	P	P	04 21 51.7 0.0
W48A	Smith Brothers	59.53 343	P	P	04 21 56.4 -0.3
W45A	Hickory Valley	59.70 340	P	P	04 21 57.3 -0.5
CLWR	Cedars of Liba	59.73 343	P	P	04 21 58.4 +0.4
WLNT	White Oak Lake	59.73 336	P	P	04 21 59.0 +1.0
WWT	Waverly	60.18 42	P	P	04 22 00.0 +0.4
T50A	Nancy	60.22 345	P	P	04 22 01.1 -0.2
T50A					04 22 01.8
	comp=2.7,3nm,0.7s				
MIAR	Mount Ida	60.66 336	P	P	04 22 04.2 -0.2
T47A	Sharon Grove	60.78 343	P	P	04 22 05.3 +0.1
TXAR	Lajitas Array	60.93 325	P	P	04 22 06.6 +0.3
	comp=2.0,6nm,0.7s,baz=157,slow=6.8,SNR=3.9				
T45A	Paducah	61.25 341	P	P	04 22 08.4 +0.1
CGM3	Cape Girardeau	61.81 341	P	P	04 22 11.0 -0.2
CGM3					04 22 12.6
	comp=2.8,0nm,0.8s				
S44A	Carbondale	62.06 341	P	P	04 22 13.8 0.0
HHAR	Hobbs	62.34 337	P	P	04 22 15.5 -0.2
HHAR					04 22 16.5
	comp=2.7,4nm,1.0s				
FVM	French Village	62.68 340	P	P	04 22 17.8 -0.2
CCM	Cathedral Cave	63.01 340	P	P	04 22 19.8 -0.2
CCM					04 22 20.6
	comp=2.9,6nm,0.8s				
S39A	Bolivar	63.38 338	P	P	04 22 22.4 -0.2
S39A					04 22 23.3
	comp=2.10nm,0.8s				
ANMO	Albuquerque	66.79 326	P	P	04 22 45.2 +0.3
TUC	Tucson	67.17 322	P	P	04 22 47.0 +0.3
TUC					04 22 49.2
	comp=2.5,0nm,1.1s				
214A	Organ Pipe Nat	68.11 320	P	P	04 22 53.2 +0.1
214A					04 22 56.0
	comp=2.10nm,1.2s				
DBIC	Dimbokro	68.14 73	P	P	04 22 53.9 +0.3
DBIC					04 22 56.0
	comp=2.9,8nm,0.8s				
DBIC	Dimbokro	68.14 73	P	P	04 22 53.6 0.0
DBIC					04 22 55.0
	comp=2.9,8nm,0.8s				
PIX	Pinacate	68.22 319	P	P	04 22 53.9 +0.1
SDCO	Great Sand Dun	68.51 329	P	P	04 22 57.1 +1.3
SFX	San Felipe	68.72 318	P	P	04 22 57.6 +0.8
SFX					04 22 59.5
	comp=2.8,1nm,1.0s				
QSPA	South Pole Pk	68.74 180	P	P	04 22 57.3 +0.6
QSPA					04 22 59.2
	comp=2.7,1nm,0.8s				
X16A	Lo Mia Camp, P	69.08 323	P	P	04 22 59.6 +0.3
U15A	North Rim	71.02 324	P	P	04 23 10.9 -0.3
U15A					04 23 14.6
	comp=2.10nm,1.4s				
KNB	Kanab	71.74 324	P	P	04 23 15.0 -0.4
KNB					04 23 18.8
	comp=2.21nm,1.2s				
LCMT	Little Creek M	71.97 323	P	P	04 23 16.7 0.0
P16A	Preston Nutter	72.31 327	P	P	04 23 20.1 +1.2
CCUT	Cedar City	72.42 324	P	P	04 23 20.8 +1.2
CCUT					04 23 22.9
	comp=2.7,1nm,0.9s				
P17A	Butcher Ranch,	72.44 327	P	P	04 23 21.1 +1.6
P17A					04 23 21.9
	comp=2.14nm,1.2s				
MSU	Marysval	72.48 325	P	P	04 23 21.2 +1.4
MVU	Marysval	72.48 325	P	P	04 23 21.5 +1.6
MVU					04 23 22.8
	comp=2.20nm,0.9s				
BSUT	Blindstream Ca	73.25 327	P	P	04 23 26.0 +1.5
BSUT					04 23 26.6
	comp=2.4,3nm,0.9s				
PRN	Pahroc Range	73.26 323	P	P	04 23 25.9 +1.5
QSM	Queen of Sheba	73.31 321	P	P	04 23 26.2 +1.7
QSM					04 23 27.0
	comp=2.5,7nm,1.1s				
GWY	Greenwater Val	73.35 321	P	P	04 23 26.5 +1.6
GWY					04 23 27.4
	comp=2.8,7nm,1.1s				
TPNV	Topopah Spring	73.63 322	P	P	04 23 28.0 +1.4
TPNV					04 23 29.7
	comp=2.4,6nm,0.9s				
WCT	Wildcat Mounta	73.74 321	P	P	04 23 29.2 +2.2
WCT					04 23 30.3
	comp=2.7,2nm,1.1s				
SPR3	Spring Creek P	73.99 324	P	P	04 23 29.9 +1.1
R11A	Troy Canyon, C	74.22 323	P	P	04 23 31.2 +1.2
PDAR	Pinedale Array	74.37 330	P	P	04 23 31.2 +0.4
	comp=2.0,4nm,0.7s,baz=163,slow=4.7,SNR=4.4				
	comp=2.0,4nm,0.7s				
LCH	Last Change Ra	74.63 321	P	P	04 23 33.2 +0.9
SPUT	South Promonto	74.68 327	P	P	04 23 33.8 +1.2
BGU	Big Grassy Mou	74.70 326	P	P	04 23 34.0 +1.3
DSP	Deep Springs	74.92 321	P	P	04 23 35.3 +1.6
TPH	Topopah	74.96 322	P	P	04 23 34.0 +0.3
TPH					04 23 37.0
	comp=2.24nm,1.2s				
ULM	Lac du Bonnet	75.45 342	P	P	04 23 36.3 -0.3
	comp=2.2,4nm,0.7s,baz=178,slow=3.9,SNR=4.3				
	comp=2.2,4nm,0.7s				
NVAR	Mina Array Bea	75.83 322	P	P	04 23 39.2 -0.1
	comp=2.1,8nm,0.9s,baz=148,slow=6.6,SNR=9.4				

SCHO	Schefferville	75.98 1	P	P	04 23 39.0 -0.4
	comp=2.3,6nm,0.7s,baz=250,slow=5.1,SNR=8.2				
KVNV	Kaiserville	76.13 322	P	P	04 23 42.0 +1.0
KVNV					04 23 43.2
	comp=2.4,4nm,0.9s				
TORD	Torodi Ar. Bea	76.77 70	P	P	04 23 44.8 0.0
	comp=2.8,8nm,0.6s,baz=252,slow=5.2,SNR=43				
	comp=2.8,8nm,0.8s				
TORD	Torodi Ar. Bea	76.77 70	P	P	04 23 44.8 0.0
TORD					04 23 45.7
	comp=2.9,2nm,0.9s				
PAHR	Pah Rah Range	77.31 322	P	P	04 23 48.3 +0.8
PAHR					04 23 50.3
	comp=2.10nm,0.9s				
HLID	Hailey	77.32 327	P	P	04 23 49.0 +1.4
HLID					04 23 50.4
	comp=2.4,1nm,0.9s				
BOSA	Boshof	82.94 118	P	P	04 24 18.6 +0.5
	comp=2.1,4nm,0.5s,baz=260,slow=3.7,SNR=6.6				
	comp=2.1,4nm,0.5s				
FRB	Frisbler Bay	84.91 360	P	P	04 24 26.7 -0.2
	comp=2.1,2nm,0.7s,baz=110,slow=6.6,SNR=3.8				
	comp=2.1,2nm,0.7s				
ESDC	Sonseta Array	85.37 44	P	P	04 24 30.6 +0.7
	comp=2.7nm,0.6s,baz=233,slow=5.4,SNR=7.6				
	comp=2.1,7nm,0.9s				
YKA	Yellowknife Ar	91.34 340	P	P	04 24 58.1 +0.4
YKA					04 25 30.8 +1.9
	comp=2.0,4nm,0.7s,baz=134,slow=4.7,SNR=6.4				
	comp=2.4,0nm,0.7s				
ASAR	Alice Springs	130.24 207	PKP	PKPdf	04 31 02.5 -0.3
	comp=2.0,6nm,0.5s,baz=165,slow=5.4,SNR=6.3				
WRA	Warramunga Arr	133.30 210	PKP	PKPdf	04 31 08.9 +0.2
	comp=2.0,7nm,0.6s,baz=155,slow=1.8,SNR=12				
ZALV	Zalesovo Beam	141.65 26	PKP	PKPdf	04 31 23.0 +0.1
	comp=2.0,5nm,0.4s,baz=357,slow=4.9,SNR=2.8				
MKAR	Makanchi Array	145.24 36	PKP	PKPdf	04 31 29.8 +0.2
	comp=2.6,6nm,0.8s,baz=318,slow=3.4,SNR=60				
	comp=2.6,6nm,0.8s				
KLR	Kul'dur	148.03 335	PKP	PKPdf	04 31 35.4 +1.3
	comp=2.1,0nm,0.6s,baz=104,slow=1.5,SNR=5.2				
SONM	Songino Array	153.32 8	PKPbc	PKPbc	04 31 50.3 -0.2
	comp=2.0,3nm,0.5s,baz=299,slow=1.5,SNR=3.0				

IDC 16 04:17:41.8;3.5,53:48N;90:68E,h0km,mbtmp2/9,3,ML2:5/3, Error ellipse: s-maj=27.9km s-min=22.9km

NNC 16 04:17:44.7;1.3,53:21N;90:48E,h0km,mb3.2,mpv2.9, Error ellipse: s-maj=10.9km s-min=7.9km az=83.0, Suspected Mining explosion.

ISC 16 04:17:44.5;4.2,53:33N;01:90:5E;0.2,h0km,n8,e092/10, 2C-6D, Southwestern Siberia

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
I46RU	ZALESOVO INFRA	3.43 283	I	Op	h m s	ISC
	baz=92,slow=335,SNR=3.3				04 03 00.0	
ZAAO	Zalesovo Array	3.43 283	U	Pn		04 18 39.8 +0.7
	0.5nm,0.6s					
ZAAO						04 19 34.6
	6.5nm,0.9s					
ZALV	Zalesovo Beam	3.43 283	Pn	Pn		04 18 38.8 -0.4
	0.8nm,0.3s,baz=97,slow=15,SNR=8.9					

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Boulder Array, Pinedale Array, Great Sand Dun, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Lac du Bonnet, LPAZ, SONM, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like TPUB, JMN, JHS, etc.

NEIC 16 06:49:07.7z 1.26:59N:0.10:127.78E:0.08, h50km,7km, mb4.0/10, Error ellipse: s-maj=16.7km s-min=4.2km az=145.0

IDC 16 06:49:08.4z 1.4.26:61N:128:04E, h52km,16km, mb3.7/9, mztale/1.10, ML4.7/1 Error ellipse: s-maj=36.9km s-min=14.8km az=68.0

JMA 16 06:49:08.5z 0.1.26:7N:0.12:127.8E:0.5, h58km,1km, MD3.9/11, MV4.0/11, NEAR OKINAWAJIMA ISLAND

ISC 16 06:49:08.3z 0.7.26:66N:10:05:127.83E:0.05, h58km,6gkm, n64, c1539/62, mb4.0/14, Ryukyu Islands

IDC 16 07:04:43.9z 1.0.50:04N:78:70E, h0km, mbtmp2.8/3, ML2.1/2, Error ellipse: s-maj=15.4km s-min=6.8km az=66.0

NNC 16 07:04:43.4z 0.4.50:02N:78:66E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=7.8km s-min=2.3km az=76.0

Suspected Mining explosion

ISC 16 07:04:43.9z 0.8.50:01N:03:78:62E:0.06, h0km, n23, c0759/36, 20-8D, Eastern Kazakhstan

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like KUR07, KUR06, KUR14, etc.

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

EST 16 07:46:21.1±0.1, 59°21'N-27°36'E, h0km, ML2.3(HEL), Confirmed Induced event
HEL 16 07:46:21.3, 59°21'N-27°32'E, h0km, ML2.2, Confirmed Induced event

IDC 16 07:46:22.9±0.8, 59°35'N-27°40'E, h0km, mb3.3/3, mbmp3.4/8, ML2.5/4, Error ellipse: s-maj=10.6km s-min=6.4km az=73.0

LVSN 16 07:46:22.4±3.6, 59°15'N-27°39'E, h0km, mb3.6, ML2.9
ISC 16 07:46:20.3±0.6, 59°22'N-02°27'32"E, h0km, m51, s162/92, mb3.5/4, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vaivara Sinima, Tooma soojam, Arbavere, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Soera, Palade, Ruokolahiti, Kangasniemi, etc.

MOS 16 07:55:41.7±0.8, 57°16'N-154°42'W, h29km, mb4.9/42, Error ellipse: s-maj=12.0km s-min=5.3km az=91.4
IDC 16 07:55:44.0±0.5, 57°20'N-154°45'W, h35km, mb4.4/37, mbmp4.5/39, ML3.9/2, MS3.7/30, Error ellipse: s-maj=14.5km s-min=8.4km az=24.0

AEIC 16 07:55:45.2±2.9, 57°02'N-107°15'W, h43km, 6km, ML4.4, mb4.7/83(NEIC), ML4.6/48(NEIC), Error ellipse: s-maj=10.9km s-min=7.0km az=157.0

NEIC 16 07:55:46.3±0.7, 12N-07.1542W, h1.1, h54km, 7km, Error ellipse: s-maj=10.9km s-min=6.9km az=148.0
ISC 16 07:55:44.3±0.4, 57°17'N-05°15'W, h38km, 3km, h39km, pp-P, n632, r1936/658, mb4.7/124, MS3.7/26, 18C-2D, Kodiak Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Old Harbor, Kodiak Island, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Homer, Iliamna South, Port Alsworth, etc.

16d 7h

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like RND Reindeer, CHUM Lake Minchum, GLB Gilahina Butte, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like F21K Alatna River, SKAG Skagway, F21K Coldfoot, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like YBH, SEY Seymchan, SEY SEY, etc.

SRU	San Rafael Swe	33.55	104	P	P	08 02 22.5 +2.1
SRU	comp=Z,27nm,0.9s					
RSSD	Black Hills	33.58	91	P	P	08 02 21.9 +1.2
RSSD	Black Hills	33.58	91	P	P	08 02 21.9 +1.2
RSSD	Black Hills	33.58	91	P	P	08 02 22.5 +1.8
MDND	Madlock	33.66	82	P	P	08 02 22.2 +1.2
BFSC	Mount Baldy Ra	33.67	117	P	P	08 02 22.6 +1.2
LCMT	Little Creek M	33.70	109	P	I	08 02 23.5 +1.8
LCMT	comp=Z,5.6nm,0.9s					
FMP	Fort Macarthur	33.79	118	P	P	08 02 23.5 +1.2
HEC	Hector Ludlow	33.84	115	P	P	08 02 24.6 +1.8
V12A	Nelson	33.87	112	P	I	08 02 24.6 +1.4
V12A	comp=Z,9.2nm,0.9s					
O20A	White River Ci	34.03	100	P	P	08 02 26.0 +1.4
O20A	White River Ci	34.03	100	P	P	08 02 25.6 +1.1
GMRC	Granite Mounta	34.21	114	P	P	08 02 26.7 +0.6
ULM	Lac du Bonnet	34.25	76	P	P	08 02 27.2 +1.1
ULM	comp=Z,10.0nm,0.9s,baz=294,slow=9.9,SNR=10					
TULEG	Thule	34.36	24	eP	I	08 02 27.4 +0.6
TULEG	comp=Z,3.4nm,0.8s					
NELC	Belle Mtn. Jos	34.67	115	P	P	08 02 31.6 +1.5
B3A	Red Feather La	34.73	97	P	P	08 02 32.4 +1.7
PFO	Pinyon Flats O	34.76	116	LR	LR	08 13 57.1
PFO	Pinyon Flats O	34.76	116	P	P	08 02 31.7 +0.8
PFO	Pinyon Flats O	34.76	116	I	I	08 02 33.5
PFO	Pinyon Flats O	34.76	116	i	P	08 02 32.0 +1.1
PFO	comp=Z,9.1nm,1.2s					
PFO	Pinyon Flats O	34.76	116	P	P	08 02 32.2 +1.3
TPFO	Pinon Flats	34.77	116	P	P	08 02 31.9 +1.0
VPV2	Carpenter Ridg	34.84	103	P	P	08 02 33.2 +1.6
IRM	Iron Mountain	34.97	114	P	P	08 02 33.6 +1.1
109C	Camp Elliot, M	35.03	118	P	P	08 02 34.4 +1.4
VPV7	Paradox Valley	35.04	102	P	I	08 02 34.1 +1.4
VPV7	comp=Z,13nm,0.9s					
VPV13	Big Chuckwalla	35.16	103	P	P	08 02 35.7 +1.3
BC3	Parker Dam, Lak	35.22	115	P	P	08 02 36.0 +1.2
PDMCI	Monument Peak	35.35	113	P	P	08 02 37.7 +1.9
MONP2	Agassiz Natn	35.36	117	P	P	08 02 37.4 +1.3
AGMN	Agassiz Natn	35.40	79	P	I	08 02 37.1 +1.1
AGMN	comp=Z,14nm,0.8s					
AGMN	Agassiz Natn	35.40	79	P	P	08 02 36.5 +0.4
BLVC	Blythe	35.60	114	P	I	08 02 39.8 +1.8
BLVC	comp=Z,14nm,0.8s					
SWSC	Sam W. Stewart	35.62	116	P	P	08 02 39.3 +1.2
ISCO	Idaho Springs	35.68	98	P	P	08 02 39.9 +0.9
IKP	In-Ko-Pah, Jac	35.71	117	P	P	08 02 39.0 0.0
WUAZ	Wupatki	35.81	109	P	I	08 02 41.9 +1.9
WUAZ	comp=Z,9.5nm,1.1s					
WUAZ	Wupatki	35.81	109	P	P	08 02 40.6 +0.7
GLA	Glamis	36.01	115	P	P	08 02 42.8 +1.3
MVCO	Mesa Verde	36.03	104	P	I	08 02 43.0 +1.1
MVCO	comp=Z,6.6nm,0.8s					
MVCO	Mesa Verde	36.03	104	P	P	08 02 42.6 +0.7
S22A	4UR Ranch, Cre	36.52	101	P	P	08 02 48.0 +1.8
Q24A	Divide	36.53	98	P	P	08 02 47.7 +1.4
YAK	Yakutsk	36.76	310	LR	LR	08 17 17.9
113A	Mohawk Valley,	36.77	114	P	P	08 02 49.4 +1.6
OGNE	Ogallala	36.82	93	P	P	08 02 49.2 +0.8
W18A	Petrified Fore	36.97	107	P	P	08 02 51.4 +1.6
SDCO	Great Sand Dun	37.23	100	P	P	08 02 52.7 +0.6
X18A	Snowflake	37.31	108	P	I	08 02 53.8 +1.1
X18A	comp=Z,6.1nm,0.7s					
SFX	San Felipe	37.64	117	P	I	08 02 56.9 +1.5
SFX	comp=Z,5.4nm,0.9s					
NEEM	North Greenlan	37.71	20	i	P	08 02 56.1 +0.4
NEEM	comp=Z,2.6nm,1.0s					
KULLO	Kullorsuaq	37.79	26	i	P	08 02 56.7 +0.6
KULLO	comp=Z,13nm,0.9s					
KSCO	Kaye Shedlock'	37.86	96	P	P	08 02 59.1 +1.8
ECSD	EROS Data Cent	37.88	85	P	P	08 02 57.0 -0.2
214A	Argon Pipe Nat	37.90	114	P	P	08 02 57.1 -0.4
EYMN	Ely	37.94	76	P	P	08 02 57.7 0.0
T25A	Trinidad	38.26	100	P	P	08 03 02.2 +1.4
TUC	Tucson	38.63	111	P	P	08 03 04.4 +0.6
YSS	Yuzh-Sakhalins	38.73	283	eP	LR	08 03 00.4 -3.9
ANMO	Albuquerque	38.82	104	LR	LR	08 19 23.9
ANMO	Albuquerque	38.82	104	eP	P	08 03 07.0 +1.5
ANMO	comp=Z,8.0nm,1.7s					
ANMO	Albuquerque	38.82	104	P	P	08 03 06.5 +1.0
UPNV	Upernavik	38.95	28	i	P	08 03 07.6 +0.9
UPNV	comp=Z,5.5nm,0.7s					
SPMN	Marine on St.	38.96	81	P	P	08 03 06.4 +0.2
CBK	Cedar Bluff	39.57	94	P	P	08 03 13.4 +1.9
NOR	Nord	39.61	9	i	P	08 03 11.4 +0.1
NOR	comp=Z,2.3nm,0.7s					
FRB	Frobisher Bay	39.70	44	LR	LR	08 20 14.3
121A	Cookes Peak, D	40.00	108	P	I	08 03 16.9 +1.7
121A	comp=Z,16nm,1.2s					
121A	Cookes Peak, D	40.00	108	P	I	08 03 16.3 +1.1
N35A	Tabor	40.36	88	P	P	08 03 19.2 +1.2
ASAJ	Asahikawa	40.66	279	LR	LR	08 20 03.4
AMTX	Amarituk	41.41	100	P	P	08 03 28.5 +1.7
MSTX	Muleshoe	41.52	101	P	I	08 03 28.1 +0.4
MSTX	comp=Z,15nm,1.1s					
MSTX	Muleshoe	41.52	101	P	I	08 03 29.9 +1.1
JFWS	Jewell Farm	41.87	81	P	P	08 03 28.9 -0.4

MNTX	Cornudas Mount	41.91	106	P	P	08 03 33.2 +2.4
GDL2	Guadalupe Moun	42.05	105	P	P	08 03 33.7 +1.6
HTMS	Hut Mesa	42.22	104	P	P	08 03 34.3 +1.5
KLR	Kalbarri	42.99	292	LR	LR	08 24 43.9
KLR	Kalbarri	42.99	292	eP	P	08 03 39.2 -0.2
WMOK	Wichita Mounta	43.09	97	P	I	08 03 41.9 +1.5
WMOK	comp=Z,12nm,1.2s					
WMOK	Wichita Mounta	43.09	97	P	P	08 03 41.9 +1.5
WMOK	comp=Z,12nm,1.3s					
P40A	Paris	43.25	86	P	P	08 03 42.0 +0.4
P40A	comp=Z,9.2nm,0.7s					
SUMG	Summit	43.26	23	i	P	08 03 42.7 +1.0
DAG	Danmarks Havn	43.41	14	i	P	08 03 42.0 -0.4
SFJD	Sankarussuaq	43.88	13	eP	P	08 03 47.5 +1.2
R40A	Maddies Statio	44.01	88	P	I	08 03 47.7 0.0
R40A	comp=Z,14nm,0.7s					
HDIL	Hopedale	44.02	83	P	P	08 03 48.0 +0.3
HDIL	Hopedale	44.02	83	P	P	08 03 47.5 -0.2
ABTX	Ablene, SNR=10	44.23	100	P	P	08 03 48.1 -1.5
TXAR	Lajitas Array	44.68	107	P	P	08 03 55.0 +1.7
TXAR	comp=Z,8.0nm,0.8s,baz=314,slow=5.9,SNR=81					
TXAR	Lajitas Array	44.68	107	P	P	08 03 54.3 +1.1
TXAR	Lajitas Array	44.68	107	P	P	08 03 53.2 -0.4
CCM	Cathedral Cave	44.74	87	P	P	08 03 56.6 -0.6
DBG	Daneborg	45.26	16	i	P	08 03 58.8 +0.6
SFIN	Lafayette	45.33	82	P	P	08 03 58.5 +0.3
SFIN	Lafayette	45.33	82	P	P	08 03 59.2 -0.1
SFIN	Lafayette	45.33	82	P	P	08 04 01.7 +0.7
ICESG	Greenland Ices	45.46	27	i	P	08 03 59.2 -0.1
ICESG	Dye2	45.52	32	eP	P	08 03 59.2 -0.5
DY2G	Schefferville	45.52	30	eP	P	08 04 01.7 +0.7
SCHO	Noril'sk	45.61	109	LR	LR	08 23 41.2
SCHO	comp=Z,112nm,19.6s,baz=210,slow=37					
JCT	Junction City	45.81	102	P	P	08 04 03.5 +1.3
JCT	comp=Z,6.1nm,0.6s					
OLIL	Olney	45.96	84	P	P	08 04 03.5 +0.3
MIAR	Miami Univ. Ec	46.06	93	P	P	08 04 03.8 -0.2
NRIK	Noril'sk	46.17	334	P	P	08 04 05.0 +0.5
NRIK	comp=Z,10nm,0.6s,baz=51,slow=6.8,SNR=20					
NRIK	Noril'sk	46.17	334	eP	P	08 04 04.7 +0.2
NRIK	comp=Z,10nm,0.6s					
O48B	Farmland	46.46	80	P	P	08 04 05.9 -1.2
BLO	Bloomington	46.50	82	P	P	08 04 07.7 +0.3
BLO	Bloomington	46.50	82	P	P	08 04 07.7 +0.3
BLO	comp=Z,30nm,0.7s					
435B	Jarrell	46.76	99	P	P	08 04 10.7 +1.1
P49A	Miami Univ. Ec	47.21	81	P	P	08 04 12.8 -0.2
WCI	Wyandotte Cave	47.30	83	P	P	08 04 14.3 +0.5
NATX	Nacogdoches	47.59	96	P	P	08 04 16.9 +1.0
ACSO	Alum Creek Sta	47.64	79	P	P	08 04 15.4 -1.0
833A	Chaparral WMA,	47.73	103	P	P	08 04 15.8 -1.3
833A	comp=Z,32s					
ERPA	Erie	47.89	75	P	P	08 04 17.4 -0.8
ERPA	Erie	47.89	75	P	P	08 04 19.7 +0.5
WVT	Waverly	48.01	86	P	P	08 04 19.7 +0.5
WVT	Waverly	48.01	86	P	P	08 04 19.7 +0.5
WVT	comp=Z,13nm,0.7s					
WVT	Waverly	48.01	86	P	P	08 04 19.4 +0.2
R50A	Paris	48.31	82	P	P	08 04 22.2 +0.6
OXF	Oxford	48.35	89	P	P	08 04 21.7 -0.2
MJAR	Matsushiro Arr	48.36	275	LR	LR	08 27 04.6
PLAL	Pickwick Lake	48.73	88	P	P	08 04 25.4 +0.7
CLTN	Centars of Leba	48.85	85	P	P	08 04 26.4 +0.7
SS1A	Beddville	49.19	82	P	P	08 04 28.6 +0.3
VBMS	Vicksburg	49.48	92	P	P	08 04 31.4 +0.8
MCWV	Mont Chateau	49.73	77	P	P	08 04 31.4 -0.9
BINY	Binghamton	49.92	72	P	P	08 04 33.4 -0.4
TZTN	Tazewell	50.02	83	P	P	08 04 35.1 +0.5
SSPA	Standing Stone	50.05	75	P	P	08 04 34.6 -0.2
FPAL	Fort Payne	50.40	86	P	P	08 04 37.9 +0.3
TKL	Tuckasehee C	50.56	84	LR	LR	08 26 40.7
LRLA	Lakeview Retre	50.78	88	P	P	08 04 39.9 -0.5
V53A	Saluda	51.07	83	P	P	08 04 43.1 +0.5
BRAL	Brewton	51.28	90	P	P	08 04 50.0 -0.9
KSRs	Korea Array	53.21	284	P	P	08 04 58.4 0.0
KSRs	comp=Z,2.0nm,0.7s,baz=41,slow=7.3,SNR=8.5					
KSRs	comp=Z,6.2nm,0.9s,baz=46,slow=6.6,SNR=11.1					
KSRs	comp=Z,2.0nm,0.7s					
BORG	Borgarnes	53.24	23	LR	LR	08 32 26.0
ARCES	ARCES Array B	53.60	0	P	P	08 05 00.2 -0.7
ARCES	comp=Z,4.6nm,0.7s,baz=39,slow=7.8,SNR=20					
ARCES	comp=Z,4.6nm,0.7s,baz=39,slow=7.8,SNR=20					
ULN	Ulanbator	55.65	306	eP	P	08 05 16.5 +0.3
ULN	comp=Z,3.0nm,1.3s					
SONM	Songino Array	55.96	307	P	P	08 05 18.7 +0.3
SONM	comp=Z,4.4nm,0.9s,baz=46,slow=6.8,SNR=24					
SONM	comp=Z,2.0nm,0.6s,baz=80,slow=2.5,SNR=1.6					
SONM	comp=Z,159nm,20.3s,baz=12,slow=37					
SONM	Songino Array	55.96	307	P	P	08 05 18.6 +0.2
SONM	comp=Z,5.7nm,1.0s					
SONM	Songino Array	55.96	307	P	P	08 05 18.6 +0.2
ADZR	Andozero	58.85	354	eP	P	08 05 36.1 -2.2
ADZR	comp=Z,10.0nm,0.4s					
HHC	Hu-ho-hao-tse	58.94	298	eP	P	08 05 40.4 +0.9
HHC	comp=Z,17nm,0.8s					
HHC	comp=Z,260nm,4.					

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like PB11, PSCG, AC04, ZON, CFA, LPZ, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like BONI, OTAV, OTAV, OTAV, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like TLIG, DWPF, BELA, etc.

TPFO	Pinon Flats	74.30 319	P	P	08 19 25.2 +1.4
PFO	Pinon Flats O	74.31 319	P	P	08 19 24.7 +0.9
PFO	Pinon Flats O	74.31 319	i P	P	08 19 24.2 +0.4
PFO	Pinon Flats O	74.31 319	P	P	08 19 25.3 +1.5
VNDA	Vanda	74.59 190	P	P	08 19 26.1 +1.5
F33A	5 Mile Ranch	74.59 339	P	P	08 19 24.6 -0.4
O2QA	White River Cj	74.64 328	P	P	08 19 27.1 +1.4
GMRG	Granite Mounta	74.64 320	P	P	08 19 27.4 +1.7
MURC	Murrieta	74.74 318	P	P	08 19 27.6 +1.5
ELIS	Elsinore Mount	74.92 318	P	P	08 19 28.1 +0.8
BBRC	Big Bear Solar	75.03 319	P	P	08 19 29.9 +1.8
HEC	Hector Ludlow	75.07 320	P	P	08 19 30.0 +1.8
EYMN	Ely	75.08 343	P	P	08 19 27.1 -0.6
EYMN	Ely	75.08 343	P	P	08 19 27.0 -0.7
TUQ	Turquoise Moun	75.25 320	P	P	08 19 30.8 +1.6
CIS	Catalina Islan	75.36 317	P	P	08 19 31.1 +1.4
BFSC	Mount Baldy Ra	75.46 318	P	P	08 19 31.6 +1.2
FBO	Fort Macarthur	75.49 318	P	P	08 19 31.8 +1.4
RRX	Edison Barstow	75.59 319	P	P	08 19 32.2 +1.8
GSC	Goldstone, Bar	75.68 320	P	P	08 19 33.2 +1.7
SHOC	Shoshone, Teco	75.78 321	P	P	08 19 33.4 +1.3
K22A	Casper	75.84 331	P	P	08 19 33.5 +1.1
K22A	Casper	75.84 331	P	P	08 19 33.8 +1.4
DECC	Green Verdugo	75.88 318	P	P	08 19 34.2 +1.5
SNCC	San Nicolas Is	75.94 317	P	P	08 19 33.8 +0.8
RSSD	Black Hills	75.97 333	P	P	08 19 33.6 +0.4
RSSD	Black Hills	75.97 333	P	P	08 19 33.6 +0.4
RSSD	Black Hills	75.97 333	P	P	08 19 33.8 +0.6
RSSD	Black Hills	75.97 333	P	P	08 19 33.9 +0.8
B35A	Bob, Littlefor	76.07 342	P	P	08 19 32.7 -0.6
B35A	Bob, Littlefor	76.07 342	P	P	08 19 33.0 -0.3
EDW2	Edwards Air Fo	76.10 319	P	P	08 19 35.0 +1.1
BSUT	Blindstream Ca	76.18 327	P	P	08 19 35.9 +1.2
GWY	Greenwater Val	76.21 321	I Amb	P	08 19 36.9
LRMC	Laurel Mtn Rad	76.32 319	P	P	08 19 36.6 +1.4
TPNV	Topopah Spring	76.50 321	P	P	08 19 38.2 +1.9
SC2Z	Santa Cruz Isl	76.51 317	P	P	08 19 37.4 +1.2
FURC	Furnace Creek,	76.52 321	P	P	08 19 37.9 +1.8
TORD	Torodi Ar. Bea	76.53 69	P	P	08 19 36.2 -0.5
TORD	Torodi Ar. Bea	76.53 69	P	P	08 19 35.5 -1.2
MPMC	Manual Precip	76.60 320	P	P	08 19 37.9 +1.0
WCT	Wildcat Mounta	76.61 321	P	P	08 19 37.8 +1.0
AGMN	Agassiz Nation	76.64 341	P	P	08 19 36.5 0.0
E28A	Huff	76.74 337	P	P	08 19 37.8 +0.6
ARVC	Arvin	76.77 318	P	P	08 19 38.8 +1.2
SPR3	Spring Creek 3	76.89 324	P	P	08 19 39.3 +0.6
ISA	Isabella, Lake	76.92 319	P	P	08 19 40.1 +1.6
DUG	Dugway Coele	76.97 326	P	P	08 19 40.1 +1.3
R11A	Troy Canyon, C	77.11 323	P	P	08 19 40.8 +1.1
R11A	Troy Canyon, C	77.11 323	P	P	08 19 41.4 +1.7
GRAC	Grapevine Rang	77.18 321	P	P	08 19 41.5 +1.6
Q12A	Willow Creek R	77.19 324	P	P	08 19 41.4 +1.3
CWC	Cottonwood Cre	77.21 320	P	P	08 19 41.7 +1.5
PKM	McPherson Peak	77.21 318	P	P	08 19 41.9 +1.6
BW06	Boulder Array	77.31 329	P	P	08 19 41.4 +0.6
PDAR	Pinedale Array	77.31 329	P	P	08 19 41.2 +0.5
HVUT	Hardware Ranch	77.39 327	P	P	08 19 41.1 0.0
VEST	Vestal, Richgr	77.40 319	P	P	08 19 42.4 +1.3
MDND	Maddock	77.45 338	P	P	08 19 41.8 +0.7
MDND	Maddock	77.45 338	P	P	08 19 41.8 +0.7
SMDC	Simmler	77.61 318	P	P	08 19 44.0 +1.7
SPUT	South Promonto	77.61 327	P	P	08 19 42.8 +0.5
TIN	Tinemah, Big	77.72 320	P	P	08 19 44.6 +1.6
VOG	Valley Oaks Go	77.90 319	P	P	08 19 44.0 +0.1
HVU	Hansel Valley	78.12 327	P	P	08 19 45.0 -0.2
HVU	Hansel Valley	78.12 327	P	P	08 19 45.0 -0.2
ULM	Lac du Bonnet	78.38 341	P	P	08 19 45.9 -0.3
ULM	Lac du Bonnet	78.38 341	P	P	08 19 45.6 -0.6
ELK	Elko	78.64 325	P	P	08 19 48.9 +0.7
SCHO	Schefferville	78.64 0	P	P	08 19 47.1 -0.4
SCHO	Schefferville	78.64 0	P	P	08 19 46.6 -0.9
NVAR	Minna Array Bea	78.70 321	P	P	08 19 49.6 +1.1
FLAY	Flagg Ranch	78.85 329	P	P	08 19 50.4 +1.2
LRMT	Red Lodge	79.00 331	P	P	08 19 50.7 +0.7
LRMT	Red Lodge	79.00 331	P	P	08 19 51.1 +1.2
KVN	Kaiserville	79.01 322	P	P	08 19 50.5 +0.4
KVN	Kaiserville	79.01 322	P	P	08 19 50.5 +0.4

H17A	Grant Village	79.03 330	P	P	08 19 52.1 +1.9
DGMT	Dagmar	79.62 336	P	P	08 19 54.1 +1.2
DGMT	Dagmar	79.62 336	P	P	08 19 54.2 +1.2
GCMT	Greycliff	79.70 331	P	P	08 19 53.7 +0.1
PAHR	Pah Rah Range	80.19 322	I Amb	I Amb	08 19 57.1 +0.8
HLID	Hailey	80.25 327	P	P	08 19 58.4 +1.7
BOZ	Bozeman (W)	80.44 330	P	P	08 19 58.3 +0.7
BOSA	Boshof	80.59 117	P	P	08 19 59.2 +0.2
MAW	Mawson	81.28 163	P	P	08 20 02.4 +0.8
EGMT	Eagleton	81.47 333	P	P	08 20 02.3 +0.3
PLID	Pearl Lake	82.42 337	P	P	08 20 06.7 0.0
MSO	Missoula	82.42 330	P	P	08 20 09.0 +1.1
PCVE	Castro Verde	82.65 43 eP	P	P	08 20 10.4 +1.2
MESJ	Messejana	82.66 43 eP	P	P	08 20 10.4 +1.1
PMTG	Montargil	83.42 42 eP	P	P	08 20 13.9 +0.8
YBH	Yreka Blue Hor	83.42 321	P	P	08 20 12.5 -0.6
PBAR	Barrancos	83.61 43 eP	P	P	08 20 14.8 +0.7
J04A	Umquqa Nationa	84.07 323	P	P	08 20 17.0 +0.4
PMRV	Marv??o	84.15 42 eP	P	P	08 20 17.4 +0.6
PCBR	Castelo Branco	84.35 42 eP	P	P	08 20 18.5 +0.7
DOB	Dodson Butte	84.62 322	P	P	08 20 19.8 +0.6
DPV	Visu	84.64 41 eP	P	P	08 20 19.3 0.0
MTE	Manteigas	84.65 41 eP	P	P	08 20 20.0 +0.6
NEW	Newport	84.95 329	P	P	08 20 20.4 -0.3
PVRL	Vila Real	85.09 41 eP	P	P	08 20 22.3 +0.8
POLO	Lamas de Olo	85.10 40 eP	P	P	08 20 22.1 +0.4
PCAB	Cabrill	85.17 40 eP	P	P	08 20 22.4 +0.5
PGAV	Gavieira, Arco	85.19 40 eP	P	P	08 20 23.2 +0.2
MVO	Moncorvo	85.43 41 eP	P	P	08 20 23.9 +0.6
FCC	Fort Churchill	85.61 346	P	P	08 20 23.6 +0.1
FCC	Fort Churchill	85.61 346	P	P	08 20 23.6 +0.1
LTY	Liberty	85.98 327	P	P	08 20 25.8 0.0
PBRG	Braganca	85.99 41 eP	P	P	08 20 26.5 +0.5
PAB	San Pablo	86.11 43	P	P	08 20 27.2 +0.6
PAB	San Pablo	86.11 43	P	P	08 20 27.3 +0.6
ESDC	Sonsecra Array	86.43 44	P	P	08 20 28.7 +0.5
ESDC	Sonsecra Array	86.43 44	P	P	08 20 28.5 +0.3
CASY	Casey	89.85 179	P	P	08 20 45.1 +1.1
KEST	Kesara	93.42 52	P	P	08 21 01.0 -0.1
YKA	Yellowknife Ar	94.28 340	P	P	08 21 04.2 0.0
YKA	Yellowknife Ar	94.28 340	P	P	08 21 03.5 -0.7
YKA	Yellowknife Ar	94.28 340	P	P	08 21 12.6 +0.6
T35M	Bob Quinn	96.66 330	P	P	08 21 15.8 +0.6
DLBC	Dease Lake	97.39 332	P	P	08 21 19.2 +0.7
S34M	Telegraph Cree	97.58 331	P	P	08 21 20.1 +0.7
WTLY	Waton Lake, Y	97.84 334	P	P	08 21 21.2 +0.7
R32K	Eaglecrest	99.29 330	P	P	08 21 27.9 +1.0
P33M	Teslin, Yukon	99.56 332	P	P	08 21 28.9 +0.6
P32M	Atlin	99.62 332	P	P	08 21 28.8 +0.4
S31K	Pelican	99.91 330	P	P	08 21 29.5 -0.2
FARO	Faro, Yukon	100.85 334	P	P	08 21 34.0 +0.1
N31M	Braeburn, Yuko	101.46 333	P	P	08 21 37.8 +1.2
GERES	GERESS Array B	101.92 42	PKIKP	PKIKP	08 26 00.8 -0.1
N30M	Aishikik Lake	102.00 332	P	P	08 21 40.4 +1.4
M30M	Min, Yukon	102.41 334	P	P	08 21 41.2 +0.4
CLL	Collin	102.47 39	ePdif	P	08 21 44.2 +0.8
M29M	Somme Creek	103.04 333	P	P	08 21 44.2 +0.5
L29M	Barlow Dome	103.21 334	P	P	08 21 45.3 +0.9
K29M	Barlow Dome	103.30 335	P	P	08 21 45.3 +0.9
CTG	Chitna Glacier	103.61 331	P	P	08 21 46.5 +0.2
F31M	Tsigehtichuk	103.68 339	P	P	08 21 46.7 +0.5
A36M	Sachs Harbour	103.72 344	P	P	08 21 46.2 -0.1
INK	Inuvik	104.05 339	P	P	08 21 47.9 0.0
DAWY	Dawson	104.14 334	P	P	08 21 48.0 -0.5
EPYK	Eagle Plains	104.18 337	P	P	08 21 48.0 -0.6
I29M	Ogilvie Camp,	104.30 336	P	P	08 21 49.6 +0.5
M27K	Edge Creek, AK	104.43 332	P	P	08 21 50.3 +0.4
L27K	Beaver Creek	104.70 333	P	P	08 21 51.1 +0.2
ILAR	Glendon Array	107.41 334	PKIKP	PKIKP	08 26 10.1 -0.3
F25K	Christian Rive	107.89 337	P	P	08 26 11.4 0.0
E25K	Arctic Village	108.04 337	P	P	08 26 11.3 -0.3
H24K	Noodor Dome	108.15 335	P	P	08 26 11.5 -0.3
I23K	Minto, Yukon-K	108.53 334	P	P	08 26 13.4 +1.0
D25K	Kavik River	108.71 338	P	P	08 26 12.9 +0.1
E24K	Your Creek	109.06 337	P	P	08 26 13.2 -0.3
CAST	Castor Rocks	109.19 332	P	P	08 26 13.2 -0.6
G23K	Bananza Creek	109.24 335	P	P	08 26 14.1 +0.2
O19K	Port Aisworth	109.37 328	P	P	08 26 14.1 -0.1
CHUM	Lake Minchumin	109.41 332	P	P	08 26 12.8 -1.4
COLD	Coldfoot	109.45 336	P	P	08 26 14.6 +0.5

E23K	Chandalar	109.47 337	P	PKIKP	08 26 14.0 -0.4
H22K	Ishlatina Cre	109.55 334	P	PKIKP	08 26 13.7 -0.8
I21K	Tana	109.61 333	P	PKIKP	08 26 13.1 -1.3
C24K	Franklin Bluff	109.61 339	P	PKIKP	08 26 14.6 +0.2
H21K	Melozitna Rive	110.06 334	P	PKIKP	08 26 15.6 +0.2
E22K	Anaktuvuk Pass	110.28 337	P	PKIKP	08 26 15.3 -0.5
G21K	Allakaket	110.54 335	P	PKIKP	08 26 16.3 +0.1
F21K	Alatna River	110.69 335	P	PKIKP	08 26 16.1 -0.5
TTA	Tatalina	110.80 331	P	PKIKP	08 26 17.3 +0.4
P16K	Nushagak River	110.92 326	P	PKIKP	08 26 16.7 -0.4
GCSA	Galena City Sc	111.54 333	P	PKIKP	08 26 18.3 +0.2
AKASG	Main Array Be	112.07 43	PKIKP	PKIKP	08 26 18.9 -0.7
AKASG	Main Array				

TAU	comp=Z,102nm,2.4s	32.56 226	P	P	08 35 01.4 +0.6
TAU	Tasmania Unive				
MTSU	comp=Z,284nm,1.8s	32.97 273	P	P	08 35 05.3 +0.6
MTSU	Mount Surprise	32.97 273	P	P	08 35 05.8 +1.1
BRAT	Ballararat	33.15 237	P	P	08 35 07.5 +1.7
PMG	comp=Z,58nm,1.0s	33.70 289	P	P	08 35 11.0 +0.3
PMG	Port Moresby				
PMG	Port Moresby	33.70 289	P	P	08 35 10.1 -0.7
PMG	Port Moresby	33.70 289	P	P	08 35 11.9 +1.0
PMG	Port Moresby	33.70 289	P	P	08 35 11.9 +1.1
PMG	Port Moresby	33.70 289	eP	P	08 35 10.6 -0.2
PMG	comp=Z,219nm,0.8s				
PMG	Port Moresby	33.70 289	P	P	08 35 10.9 +0.1
PMG	Port Moresby	33.70 289	P	P	08 35 15.0 +0.9
STKA	comp=Z,2.11nm,0.5s	34.22 248	P	P	08 35 15.2 +0.3
STKA	comp=Z,4.9nm,0.4s	baz=113,slow=3.5,SNR=4.1	P	P	08 37 35.5 -0.1
STKA	comp=Z,3.6nm,0.8s	baz=228,slow=1.6,SNR=2.8	P	P	08 40 01.5 -0.2
STKA	comp=Z,5.6nm,0.8s	baz=162,slow=3.2,SNR=3.9	P	P	08 40 31.2 +2.3
STKA	comp=Z,2.11nm,0.5s	34.12 248	P	P	08 35 15.2 +1.0
STKA	comp=Z,2.11nm,0.5s	34.12 248	P	P	08 35 15.5 +1.4
STKA	comp=Z,2.11nm,0.5s	34.12 248	P	P	08 35 14.6 +0.5
XMAS	Kiritimati	34.20 45	P	P	08 35 15.2 +0.3
XMAS	Kiritimati	34.20 45	P	P	08 35 19.1 +1.1
ARPS	Mount Arapiles	34.60 239	P	P	08 35 18.9 +0.9
ARPS	Mount Arapiles	34.60 239	P	P	08 35 21.5 +1.9
INKA	Innaminka	34.78 255	P	P	08 35 24.9 +0.5
COEN	Coen	35.33 279	P	P	08 35 24.2 -0.2
COEN	Coen	35.33 279	P	P	08 35 24.7 +0.3
HTT	Hallett	36.49 245	P	P	08 35 34.5 +0.6
HTT	Hallett	36.49 245	P	P	08 35 34.8 +0.9
QIS	Mount Isa	36.72 267	P	P	08 35 35.7 -0.1
QIS	Mount Isa	36.72 267	P	P	08 35 36.0 +0.2
LCRK	Leigh Creek	36.95 250	P	P	08 35 38.4 +0.8
BBOO	Bucklebo	38.85 247	P	P	08 35 53.1 0.0
BBOO	Bucklebo	38.85 247	P	P	08 35 52.5 -0.5
BBOO	comp=Z,44nm,1.1s				
BBOO	Bucklebo	38.85 247	P	P	08 35 53.2 +0.1
OOD	Dodnadatta	39.25 255	P	P	08 35 57.7 +1.4
MULG	Mulga	40.55 251	P	P	08 36 07.0 +0.3
ASO1	Alice Springs	41.29 261	P	P	08 36 12.2 -0.5
ASAR	Alice Springs	41.33 261	P	P	08 36 13.2 +0.1
ASAR	comp=Z,35nm,0.7s	baz=94,slow=7.5,SNR=438	P	P	08 37 58.6 +0.1
ASAR	comp=Z,1.2nm,0.8s	baz=102,slow=3.3,SNR=14	P	P	08 40 59.4 +2.7
ASAR	comp=Z,2.6nm,1.1s	baz=99,slow=4.0,SNR=6.4	P	P	08 41 46.1 -2.4
ASAR	comp=Z,4.7nm,1.0s	baz=96,slow=14,SNR=11	P	P	08 45 02.8 -1.4
ASAR	comp=Z,0.8nm,0.7s	baz=95,slow=1.1,SNR=4.1	P	P	09 05 33.4
ASAR	comp=Z,0.4nm,0.7s	baz=284,slow=4.3,SNR=6.1	P	P	08 41 50.7 -1.3
TAOE	Nuku Hiva Isla	41.56 76	eS	S	08 41 56.7 -0.4
WRAB	Tennant Creek	41.66 266	P	P	08 36 15.3 -0.4
WRAB	Tennant Creek	41.66 266	P	P	08 36 15.1 -0.6
WRAB	Tennant Creek	41.66 266	P	P	08 37 59.7 +0.1
WRAB	Tennant Creek	41.66 266	P	P	08 41 00.8 +2.8
WRA	Warramunga Arr	41.67 266	P	P	08 36 15.4 -0.4
WRA	comp=Z,2.9nm,0.4s	baz=106,slow=6.0,SNR=975	P	P	08 37 59.5 -0.1
WRA	comp=Z,1.6nm,0.9s	baz=100,slow=4.2,SNR=12	P	P	08 40 57.7 -0.3
WRA	comp=Z,8.3nm,1.0s	baz=96,slow=4.1,SNR=9.6	P	P	08 41 49.9 -3.5
WRA	comp=Z,4.0nm,0.9s	baz=94,slow=14,SNR=9.1	P	P	08 45 02.8 -1.8
WRA	comp=Z,1.6nm,0.9s	baz=76,slow=0.5,SNR=5.4	P	P	08 36 27.3 0.0
GENI	Genyem	43.13 293	P	P	08 36 39.4 +0.1
SMPI	Sarmi	44.69 293	P	P	08 36 44.9 -0.7
KDU	Kakadu	45.52 275	P	P	08 36 45.3 -0.3
KDU	Kakadu	45.52 275	P	P	08 36 45.4 -0.4
FORT	Forrest	45.69 249	P	P	08 36 45.9 -0.8
FORT	Forrest	45.69 249	P	P	08 36 46.6 -0.2
FORT	Forrest	45.69 249	P	P	08 36 50.3 -0.2
WRKA	Warakurna	46.16 257	P	P	08 36 50.5 +0.1
WRKA	Warakurna	46.16 257	P	P	08 36 53.9 -0.6
MTN	Manton Dam	46.69 275	P	P	08 36 54.2 -0.3
MTN	Manton Dam	46.69 275	P	P	08 36 54.7 -0.3
MTN	comp=Z,2.11nm,0.5s				
KNRA	Kununurra	47.94 270	P	P	08 37 03.7 -0.6
KNRA	Kununurra	47.94 270	P	P	08 37 04.0 +0.2
KNRA	Kununurra	47.94 270	P	P	08 37 15.2 +0.4
DRV	Dumont d'Urville	49.53 199	P	P	08 38 26.3 -0.2
DRV	Dumont d'Urville	49.53 199	P	P	08 41 29.1 -0.7
DRV	Dumont d'Urville	49.53 199	P	P	08 37 16.4 +0.1
FHK	Humu'ula Sheep	49.59 32	P	P	08 37 16.8 -0.8
FHK	Fak Fak	49.79 287	P	P	08 37 18.0 +0.1
HPAH	Hawaii Prepara	49.85 31	P	P	08 37 20.9
HPAH	Hawaii Prepara	49.85 31	P	P	08 37 18.2 -0.5
GUMO	Guam	49.95 314	P	P	08 37 19.8 0.0
GUMO	Guam	49.95 314	P	P	08 37 25.8 +0.1
FITZ	Fitzroy Crossi	50.10 266	P	P	08 37 30.2 -0.6
KMBL	Kambalda	50.92 248	P	P	08 37 04.0 +0.2
SIJI	Sorong	51.64 289	P	P	08 37 15.2 +0.4
SIJI	Sorong	51.64 289	P	P	08 37 50.1 -0.4
KLBR	Kellerberrin	54.39 247	P	P	08 37 50.5 +0.1
KLBR	Kellerberrin	54.39 247	P	P	08 37 50.2 -0.9
MEEK	Meekeatharra	54.46 253	P	P	08 37 50.8 -0.3
MEEK	Meekeatharra	54.46 253	P	P	08 37 49.9 -1.2
PSA00	Pilbara Seismi	54.47 260	P	P	08 37 50.9 -0.2
PSA00	Pilbara Seismi	54.47 260	P	P	08 37 52.0 +1.1
VNDA	Vanda	54.57 185	P	P	08 38 46.1 +0.6
VNDA	Vanda	54.57 185	P	P	08 37 52.4 +1.5
VNDA	Vanda	54.57 185	P	P	08 38 46.3 +0.8
NWAO	Narrogin (SRO)	54.65 245	P	P	08 37 52.1 -0.1
NWAO	Narrogin (SRO)	54.65 245	P	P	08 37 52.1 -0.1
NWAO	Narrogin (SRO)	54.65 245	P	P	08 37 51.7 -0.6
NWAO	Narrogin (SRO)	54.65 245	P	P	08 37 51.9 -0.3
NWAO	Narrogin (SRO)	54.65 245	P	P	08 37 52.5 +0.2
NWAO	Narrogin (SRO)	54.65 245	P	P	08 37 51.3 -1.2
NWAO	Narrogin (SRO)	54.65 245	P	P	08 37 53.0
NWAO	Narrogin (SRO)	54.65 245	P	P	08 37 52.2 -0.4
NWAO	Narrogin (SRO)	54.65 245	P	P	08 37 52.0 -0.6
BLDU	Ballidu	55.42 248	P	P	08 37 57.2 -0.5
BLDU	Ballidu	55.42 248	P	P	08 37 57.4 -0.3
MUN	Mundaring	55.64 246	P	P	08 37 59.2 +0.1
MUN	Mundaring	55.64 246	P	P	08 37 59.8 +0.7
SANI	Sanana	55.72 284	P	P	08 37 59.0 -0.9
MORW	Morawa	56.25 250	P	P	08 38 03.1 -0.3
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	08 38 02.9 -0.6
MORW	Morawa	56.25 250	P	P	08 38 03.5 +0.1
MORW	Morawa	56.25 250	P	P	08 38 03.3 -1.0
MORW	Morawa	56.25 250	P	P	08 38 04.7
MORW	Morawa	56.25 250	P	P	

Table with columns for station ID, name, elevation, frequency, mode, and coordinates. Includes stations like GRAC Grapevine Rang, GWY Greenwater Val, FURC Furnace Creek, etc.

Table with columns for station ID, name, elevation, frequency, mode, and coordinates. Includes stations like KNK Knik Glacier, KNK Knik Glacier, PMR Palmer, etc.

Table with columns for station ID, name, elevation, frequency, mode, and coordinates. Includes stations like M27K Edge Creek, M27K Edge Creek, HWUT Hardware Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like F24K Squaw Lake, Q24A Divide, ISCO Idaho Springs, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like AML Almayashu, EK2S Erkin-Say, BTLS Baital, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like MNK Minsk, MNK comp=N,52nm,1.1s, MNK comp=N,44nm,0.7s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like COLL, MAUC, YLL, LOT, BRG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like RETA, MOTA, VISS, ABTA, SOTA, VOJS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like KURBB, MOA, MOA, CONA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Leonard, Cedar Bluff, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Skaggs, Pawnee, Hickory Valley, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Shatili, Digorskoe uzhe, Gudauri, and various other locations.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGKR, AHMR, GNI, GNR, GZUR, etc.

FUNV 16 09:11:48.6, 10:98N:62:09W, h18km, MW3.3
TRN 16 09:11:48.1, 11:01N:61:91W, h107km, MD3.0
ISC 16 09:11:45.3, 1.6, 10:34N:05:62W, 0.05,
h116km, 13km, n18, c152/28, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TRN, TBH, CRUV, GRGR, etc.

HVO 16 09:49:25.7, 2.7, 20:13N:0:08, 155:58W:0.1, h24km, 8km,
ML2 3/8, ML2.7/34(NEIC), Error ellipse: s-maj=17.3km
s-min=7.1km az=53.0

NEIC 16 09:49:23.9, 0.7, 20:13N:0:06, 155:77W:0.07, h33km, 6km,
Error ellipse: s-maj=9.6km s-min=9.4km az=131.0,
Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HPAH, MHA, POHA, HUH, etc.

NAO 16 09:50:30.6, 1.8, 78:68N:4:64E, ML3.9
BER 16 09:50:32.7, 3.7, 78:68N:4:94E, h10km, ML3.1,
ML3.9(NAO), Confirmed Earthquake

DNK 16 09:50:35.9, 4.9, 78:68N:5:25E, h36km, 32km, ML2.6
IEPN 16 09:50:36.0, 78:68N:6:08E, h10km
KOLA 16 09:50:39.0, 78:55E:32E, h0km, ML2.8, Greenland
sea, Knipovich ridge, middle

IDC 16 09:50:37.8, 1.1, 79:28N:7:34E, h0km, mb3.8/9,
mbtmp3.8/10, ML3.0/1, MS3.4/8, Error ellipse:
s-maj=28.0km s-min=18.7km az=43.0

ISC 16 09:50:31.4, 0.7, 78:52N:0:05, 4:80E:0:04, h10km, n54,
c3526/71, mb3.9/9, MS3.4/7, 2C, Greenland Sea

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

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBS, SPAO, DAG, ARAO, etc.

IDC 16 09:54:16.0, 0.3, 8:437S:126.70E, h391km, 54km, mb3.2/2,
mbtmp3.9/3, Error ellipse: s-maj=123.5km
s-min=65.0km az=61.0, Banda Sea

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

ROM 16 09:55:02.0, 0.1, 37:834N:0:006, 155:176E:0:009,
h17km, 2km, ML2.3/34, 2C, Error ellipse: s-maj=0.8km
s-min=0.3km az=125.0, Sicily

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AIO, EPZF, MUCR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OYAL, Uoyan, KPC, KAPCHERANGA, etc.

Code Station Name Azimuth Phase ID Time Res

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

Code Station Name Azimuth Phase ID Time Res

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

2017 MAR

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like M27K, BCAR, EGAK, etc.

Code Station Name Azimuth Phase ID Time Res

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

Code Station Name Azimuth Phase ID Time Res

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

Code Station Name Azimuth Phase ID Time Res

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

Code Station Name Azimuth Phase ID Time Res

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

Code Station Name Azimuth Phase ID Time Res

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

Code Station Name Azimuth Phase ID Time Res

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

1612h

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

Code Station Name Azimuth Phase ID Time Res

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

Code Station Name Azimuth Phase ID Time Res

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

Code Station Name Azimuth Phase ID Time Res

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

Code Station Name Azimuth Phase ID Time Res

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

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WEL, M2-5, etc.

16d 14h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and various station details like WEL, CMW, TCWZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like THZ, KHZ, MRNZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like WRA, ASAR, MKAR, etc.

NOU 16:13:02:31.6, 42:80S:173.11E, h11km, MLV3.6/11, South Island, New Zealand

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like GVZ, KHZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like AMZ, THZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like INZ, BSWZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like DSZ, MRNZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like CMWZ, MHCZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like NNZ, WACZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like WZ, WACZ, etc.

2017 MAR

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like JCZ, DVHZ, etc.

IDC 16:24:38.8-61.0,-54.68N:0.48E, h0km, Error ellipse: s-maj=343.0km s-min=192.1km az=110.0, North Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like I26DE, I43RU, etc.

TIF 16:13:37:29.6, 43:25N:45:11E, h12km, 1km MOS 16:13:37:29.7, 43:15N:45:14E, h12km, MPVA3.6

NORS 16:13:37:30.0, 43:14N:45:15E, h16km, MPVA3.7

DRS 16:13:37:31.9, 43:11N:45:06E, h17km

ISC 16:13:37:30.4, 43:16N:0.03:45:14E, 0.02, h16km, gkm, n42, n198/77, Eastern Caucasus

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like KMG, VLKR, etc.

IDC 16:12:54.41.7, 4.9, 2.67S:139.61E, h0km, mb3.3/2, mbtm3.3/3, ML3.2/1, Error ellipse: s-maj=192.6km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like WRA, ASAR, MKAR, etc.

NOU 16:13:02:31.6, 42:80S:173.11E, h11km, MLV3.6/11, South Island, New Zealand

WEL 16:13:02:31.8, 0.3, 43.2, 17.3E, h8km, 4km, M3.1/14, ML3.4/14, MLV3.1/14, Error ellipse: s-maj=0.0km

ISC 16:13:02:32.1, 1.0, 42.85S:0.03:172.95E:0.03, h17km, gkm, n69, n135/76, South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like GVZ, KHZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like AMZ, THZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like INZ, BSWZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like DSZ, MRNZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like CMWZ, MHCZ, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like NNZ, WACZ, etc.

930

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like ARE1, HDC, etc.

IDC 16:14:04:45.0, 0.2, 46.07N:21.73E, h6km, 3km, m1.5/4, 11C-7D, Error ellipse: s-maj=1.8km s-min=1.0km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like ALIBA, CLARA, etc.

IDC 16:14:04:45.0, 0.2, 46.07N:21.73E, h6km, 3km, m1.5/4, 11C-7D, Error ellipse: s-maj=1.8km s-min=1.0km

ISC 16:14:04:45.0, 0.2, 46.07N:21.73E, h6km, 3km, m1.5/4, 11C-7D, Error ellipse: s-maj=1.8km s-min=1.0km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like GBS3, HZTE, etc.

IDC 16:14:04:45.0, 0.2, 46.07N:21.73E, h6km, 3km, m1.5/4, 11C-7D, Error ellipse: s-maj=1.8km s-min=1.0km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like SIRR, BZS, etc.

IDC 16:14:07:19.7, 2.9, 31.56S:178.23W, h0km, mb4.3/3, mbtm4.2/4, ML3.3/1, Error ellipse: s-maj=63.0km

s-min=46.1km az=123.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like URZ, CTZ, etc.

NEIC 16:14:07:42.8, 1.7, 23.48S:0.07:67.1W:0.1, h237km, 10km, mb4.2/4, MW4.4(GUC), Error ellipse: s-maj=19.6km

s-min=10.4km az=91.0

IDC 16:14:07:42.7, 0.9, 23.38S:66.76W, h182km, 8km, mb3.5/9, mbtm4.0/16, MS2.0/1, Error ellipse: s-maj=13.6km

s-min=12.3km az=73.0

SJA 16:14:07:43.1, 0.6, 23.36S:66.90W, h197km, 5km, ML4.2, MW3.9, Hypocentre not reviewed by the ISC

VAO 16:14:07:43.7, 0.3, 23.48S:67.33W, h242km, mb4.0

GUC 16:14:07:44.2, 0.7, 23.43S:67.22W, h229km, 10km, ML4.6

ISC 16:14:07:43.4, 0.6, 23.47S:0.04:67.09W:0.06, h210km, 7km, n116, n186/132, mb3.8/10, 11C-11D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like HJA, LVC, etc.

UCR 16:13:57:06.9, 1.4, 9.63N:84.89W, h17km, 5km, MW3.7, 2C-3D, Costa Rica

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, and station details like LAFE, JACO, etc.

ATPI	comp=N,1415um,0.3s	0.68 301	∩P	Pg	AML	14 29 26.2 +0.4
ATPI	comp=N,224um,0.3s		AML	AML		
NARO	comp=N,208um,0.3s		AML	AML		
NARO	Abbazia di Nar	0.68 319	∩P	Pg	AML	14 29 25.9 +0.1
NARO	NARO		AML	AML		14 29 37.4 +1.2
NARO	comp=E,242um,1.0s		AML	AML		
GIGS	comp=N,156um,0.8s	0.70 157	∩P	Pg	AML	14 29 26.4 +0.2
GIGS	Gran Sasso		S	Sb	AML	14 29 37.3 +0.5
GIGS	comp=N,48um,0.7s		AML	AML		
GIGS	comp=E,61um,1.5s		AML	AML		
GIGS	comp=E,61um,0.5s		AML	AML		
GIGS	comp=N,48um,1.3s		AML	AML		
T1222	Castel Sant'An	0.71 190	S	Sb	AML	14 29 37.7 +0.8
T1222	comp=N,104um,1.3s		AML	AML		
T1222	comp=N,104um,0.7s		AML	AML		
T1222	comp=E,142um,0.4s		AML	AML		
PE3	Peglio	0.79 320	P	Pg		14 29 27.4 -0.4
BADI	Badiali	0.81 301	∩P	Pb		14 29 28.5 -0.3
VECEL	Villa Celiara	0.85 146	∩P	Pg	AML	14 29 29.1 +0.2
VECEL	comp=E,217um,1.6s		AML	AML		
VECEL	comp=E,216um,1.6s		AML	AML		
VECEL	comp=N,240um,0.7s		AML	AML		
PARC	Parchiule	0.89 308	∩P	Pb	AML	14 29 30.1 -0.1
PARC	PARC		S	Sb	AML	14 29 45.4 +1.0
PARC	comp=E,98um,0.3s		AML	AML		
PARC	comp=N,121um,0.7s		AML	AML		
PARC	comp=E,98um,1.7s		AML	AML		
CAFI	Castiglione Fio	0.93 285	∩P	Pb	AML	14 29 30.8 -0.1
CAFI	comp=N,61um,0.8s		AML	AML		
DUGI	Dugi Otok	1.62 56	ePn	Pn		14 29 41.5 +0.3
DUGI	Vir	1.80 48	ePn	Pn		14 29 44.2 +0.6
WIRC	BRUN	1.85 12	∩P	Pn		14 29 45.2 +0.8
ZIRJ	Zirje	1.87 72	Sn	Sb		14 30 09.3 -0.8
NVLJ	Novalja	1.90 39	Sn	Sb		14 30 10.7 -0.4
PTRJ	Pietraraja	1.99 150	P	Pg		14 29 52.2 +1.4
VITU	Vitaliano (BN)	2.19 150	P	Pg		14 30 51.4 -0.9
VITU	Udbina	2.34 52	Sn	Sb		14 30 23.0 -1.0
CSFT	Campi Flegrei	2.37 163	P	Pb		14 29 55.3 -0.1
KJNV	Kijevo	2.50 68	Sn	Pb		14 30 26.6 -1.9

TAVA	Acipayam-Deniz	1.77 23	S	Sb		14 47 11.2 -2.1
APMY	Denizli-Tavas-	1.85 15	Pn	Pn		14 46 51.8 +0.9
DNIZ	Zakros	1.96 249	P	Sn		14 47 14.3 0.0
DNIZ	AKMS	3.28 103	P	Pn		14 46 54.2 +0.8
AKMS	AKMS		S	Sn		14 47 11.4 -0.1
AKMS	AKMS		S	Sn		14 47 49.4 0.0
AKMS	0.2nm,0.4s		AML	AML		14 47 50.1
AKMS	0.2nm,0.4s		AML	AML		14 47 50.1
AKMS	0.2nm,0.7s		AML	AML		14 47 52.3
AKMS	0.2nm,0.7s		AML	AML		14 47 52.3
OSCI	CSNet OBS 1	3.30 134	S	Sn		14 47 50.2 +0.4
ALFC	Alefka	3.45 100	P	Pn		14 47 13.9 -0.1
ALFC	0.1nm,0.3s		AML	AML		14 47 53.1
ALFC	0.1nm,0.6s		AML	AML		14 47 58.0
NATA	Nata	3.53 106	P	Pn		14 47 15.0 -0.1
TROD	Troodos	3.72 103	P	Pn		14 47 17.5 -0.3
TROD	0.1nm,1.6s		AML	AML		14 47 58.9
TROD	0.1nm,1.6s		AML	AML		14 47 58.9
TROD	0.1nm,1.6s		S	Sn		14 47 59.8 -0.7
SZAC	Souni	3.78 105	P	Pn		14 47 18.7 +0.1

TAP 16 14:47:15.2,24.79N,122.33E,h12km,ML3.1,D
 JMA 16 14:47:17.4,0.1,24.7N,0.8,122.33E,0.3,h36km,4km,
 MV2.0/7,TAIWAN REGION
 ISC 16 14:47:14.7,1.1,24.81N,0.003,122.35E,0.02,h13km,9gkm,
 n89,c0871/127,Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
				Op	h m s	ISC
EGS	baz=278		Op	ISC	14 47 23.1	-0.1
TWB1	Santiao Chiao	0.38 301	iP	Pb	14 47 23.5	+0.2
EOS2	EO52	0.40 195	P	Pg	14 47 25.1	-1.1
TWC	Suao	0.50 246	iP	Pn	14 47 23.9	-0.5
TWC	baz=255		S	Sb	14 47 32.5	+0.1
TIPB	Shuangxi	0.50 289	P	Pn	14 47 26.5	-1.1
SX11	Grass Mountain	0.51 303	P	Pn	14 47 26.6	-1.3
ILA	Ilan	0.55 265	eP	Pn	14 47 27.6	-0.6
WFSB	Wu-fen Shan	0.57 297	P	Pn	14 47 28.3	-0.3
NDS	Dongshan	0.60 253	P	Pb	14 47 27.0	-0.1
TNOU	National Taiwa	0.62 303	P	Pn	14 47 28.2	-1.1
TNOU	baz=304		S	Sb	14 47 37.0	+1.0
TWE	Neicheng	0.62 262	iP	Pg	14 47 26.6	-0.3
EWUT	Wuta	0.63 235	P	Pg	14 47 27.1	+0.1
EWUT	baz=245		S	Sb	14 47 37.0	+0.6
JYNG	Yonagunijimaku	0.65 123	P	Pn	14 47 30.1	+0.4
JYNG	ENAN	0.67 235	iP	Pn	14 47 40.1	+0.2
ENAN	Nanau	0.67 235	iP	Pn	14 47 27.4	-0.4
EOS4	EO54	0.69 182	P	Pg	14 47 29.7	-0.1
FUSB	Fushanzhiwuyua	0.69 266	P	Pb	14 47 28.8	+0.1
YOJ	Yonaguni jima	0.70 120	eP	Sn	14 47 31.1	+0.8
YOJ	Yonaguni jima	0.70 120	eP	Pb	14 47 40.5	-0.4
YWA	Yonaguni jima	0.71 284	iP	Pn	14 47 30.1	-0.4
TWA	Muicha		S	Sn	14 47 40.5	-1.0
ENTT	Nicoudou	0.73 257	iP	Pg	14 47 28.7	-0.1
ENTT	baz=257		S	Sb	14 47 39.7	+0.5
NHDD	Xindian Distri	0.76 282	P	Pn	14 47 30.7	-0.5
NWLT	Wulai	0.77 268	P	Pb	14 47 30.4	+0.5
NWLT	baz=288		S	Sn	14 47 42.0	-0.8
YMO1	YMO1	0.78 295	P	Pn	14 47 31.4	-0.1
YMO1	baz=296		S	Sn	14 47 42.0	-1.1
YMO8	YMO8	0.78 299	P	Pn	14 47 31.2	-0.3
LATG	Datong	0.80 250	P	Pg	14 47 30.0	-0.1
TWY	Chenhuua	0.82 304	iP	Pb	14 47 30.6	-0.2
ANP	Anpu	0.84 297	iP	Pn	14 47 32.1	-0.2
PCYT	Pengchayiu	0.85 343	S	Pn	14 47 32.7	+0.3
NTST	Danshui	0.89 294	S	Sn	14 47 45.5	-0.1
TWS1	Kuangyinshan	0.89 289	P	Pb	14 47 32.2	+0.2
TWS1	baz=290		S	Sn	14 47 45.7	0.0
YHNB	Yeheng	0.89 261	P	Pb	14 47 32.2	+0.1
NSK	Sanguang	0.91 262	iP	Pb	14 47 32.0	-0.3
NSK	baz=262		S	Sn	14 47 46.8	+0.4
ETL	Fush Village	0.93 226	P	Pb	14 47 32.2	-0.5
NACB	Ninganchiao	0.93 227	P	Pb	14 47 32.3	-0.5
NNSB	Datong	0.96 247	P	Pb	14 47 32.7	-0.5
NNSB	baz=247		S	Sn	14 47 47.0	-0.5
NNS	Nan Shan	0.96 248	iP	Pg	14 47 33.3	0.0
ETLH	Xiulin Townshi	0.99 233	P	Pg	14 47 33.8	-0.1
ETLH	baz=232		S	Sb	14 47 46.3	-0.6
TWD	Chiawan	1.00 223	iP	Pb	14 47 33.5	-0.4
TWD	baz=230		S	Sn	14 47 49.6	+1.2
NFF	Wufeng Townshi	1.13 261	P	Pg	14 47 37.0	+0.5
NFF	baz=261		S	Sn	14 47 52.4	+0.6
WHF	Hehuan Shan	1.19 236	iP	Pb	14 47 37.1	-0.2
WHF	baz=235		S	Sn	14 47 54.2	+0.6
TWT	Tachien	1.20 243	iP	Pg	14 47 38.1	+0.2
TWT	baz=242		S	Sg	14 47 55.2	+1.7
TDCB	Techi	1.22 243	P	Pg	14 47 39.2	+1.1
TDCB	baz=242		S	Sg	14 47 55.5	+1.5
LI0B	Emei	1.22 263	P	Pg	14 47 38.3	+0.1
LI0B	baz=262		S	Sg	14 47 54.0	-0.1
NSTT	Nanjuang	1.24 262	iP	Pg	14 47 39.6	+1.1
NSTT	baz=261		S	Sg	14 47 55.0	+0.4
ESL	Shilin	1.30 220	iP	Pg	14 47 39.4	-0.2
CHGB	Renai	1.30 235	P	Pg	14 47 39.5	-0.3
CHGB	baz=235					

OWD	Renai	1.37 232	P	Pg		14 47 40.5 -0.5
OWD	baz=246		S	Sg		14 48 00.1 +1.3
WHP	Taichung City	1.38 248	P	Pg		14 47 41.6 +0.4
WHP	baz=246		S	Sg		14 47 59.0 -0.2
WUSB	Renai	1.39 234	P	Pb		14 47 40.8 +0.2
EGFH	Guangfu	1.41 217	P	Pn		14 47 40.1 0.0
NMLH	Miaoil	1.44 259	P	Pg		14 47 42.0 -0.4
NMLH	baz=258		S	Sg		14 48 01.5 +0.3
TWQ1	Liyutan	1.50 252	P	Pg		14 47 43.5 -0.1
TWQ1	baz=272		S	Sg		14 48 02.6 -0.5
WCS	Beigang Elemen	1.51 240	P	Pb		14 47 43.0 +0.4
WCS	baz=240		S	Sg		14 48 03.2 -0.1
VWDT	VWDT	1.52 227	P	Pb		14 47 43.2 +0.4
VWDT	baz=208		S	Sb		14 48 02.4 +0.4
HGSD	Ruisui	1.56 213	P	Pb		14 47 43.1 -0.4
EHY	Hungye	1.60 216	iP	Pb		14 47 43.9 -0.2
SMLT	Sun Moon Lake	1.61 235	iP	Pb		14 47 44.2 -0.1
SMLT	baz=248		S	Sg		14 48 06.3 -0.3
JKRS	Kuro-shima	1.62 110	eP	Sb		14 47 44.9 -0.9
JKRS	Dajia District	1.62 254	eS	Sb		14 48 05.1 +0.4
SSLB	Suanguang	1.63 232	P	Pb		14 47 45.1 +0.5
TYC	Yuchr	1.63 237	iP	Pg		14 47 46.2 +0.2
TYC	baz=249		S	Sg		14 48 06.6 -0.6
TCU	Taichung	1.66 247	S	Sb		14 48 06.6 +0.6
JJJ	Ishigaki jima	1.69 105	eP	Pg		14 47 46.9 -0.3
YULB	Yu-i	1.71 214	P	Pn		14 47 44.3 0.0
EYUL	Yuli	1.73 213	P	Pn		14 47 45.1 +0.5
WHYT	Xinyi Township	1.76 231	P	Pb		14 47 47.1 +0.3
WHYT	baz=214		S	Sg		14 48 10.2 -1.1
WJS	Zhushan	1.77 377	P	Pg		14 47 48.6 -0.2
WJS	baz=236		S	Sg		14 48 11.9 +0.1
WNT	Mingjian	1.78 239	eP	Pb		14 47 48.1 -0.7
FULB	Full	1.87 211	P	Pn		14 47 46.1 -0.4
ALS	Alishan	1.91 228	P	Pb		14 47 50.4 +0.8
ALS	baz=209		S	Sb		14 48 14.6 +1.0
CHN5	Tsauling	1.94 232	P	Pb		14 47 50.9 +0.8
EHD	Haiduan	1				

16d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Cascia, Frazio, Arcauta del Tr, Civita (PG), etc.

ROM 16:10:05:41.1±0.1, 42.799N±0.006, 13.104E±0.007, h10km, ML0.8/1, 1C, Error ellipse: s-maj=0.8km s-min=0.5km az=146.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Cascia, Frazio, Castelsantange, etc.

IDC 16:15:05:40.0±0.0, 5.51S±154.30E, h118km, 53km, mb3.0/3, mbtmp3.4/0, Error ellipse: s-maj=81.1km s-min=33.4km az=94.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Keravat, WRA, ASAR, MKAR, etc.

IDC 16:15:18:09.6±2.7, 5.86S±130.37E, h0km, mb3.2/1, mbtmp3.0/3, ML2.9/2, Error ellipse: s-maj=157.4km s-min=33.4km az=70.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Warramunga Arr, ASAR, MKAR, etc.

IDC 16:15:22:28.3±4.3, 11.83N±85.68W, h0km, mb3.3/4, mbtmp3.3/4, MS2.8/3, Error ellipse: s-maj=127.7km s-min=78.5km az=60.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like MASN, COPN, TISN, MGAN, etc.

2017 MAR

Main table with columns: WILN, LCRUZ, MOMM, HUEN, etc. Rows include station names like Americas 2, Cerro Negro, Horizontes, Gu, etc.

NEIC 16:15:25:26.7±2.4, 17.13S±0.06±71.01W±0.09, h128km, 4km, mb4.3/10, ML4.3(GUC), Error ellipse: s-maj=12.8km s-min=9.8km az=94.0

VAO 16:15:25:26.1±0.6, 17.02S±71.05W, h121km, mb4.4 IDC 16:15:25:26.0±0.6, 17.15S±70.77W, h122km, 5km, mb3.6/8, mbtmp4.1/13, MS3.9/1, Error ellipse: s-maj=12.8km s-min=10.4km az=179.0

GUC 16:15:25:27.4±0.8, 17.14S±71.00W, h117km, 7km, ML4.3 IDC 16:15:25:26.0±0.5, 17.11S±70.04±70.95W±0.06, h116km, 5km, n117, r155/139, mb4.1/12, 3C-3D, Near coast of Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like AP01, PB18, PB12, etc.

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Table with columns: LVC, LVC, LVC, IPOC Station P, etc. Rows include station names like Limon Verde, IPOC Station P, etc.

TIF 16:15:29:33.7±4.3±33N±41.56E, h28km, 1km MOS 16:15:29:35.1±0.0, 43.24N±41.74E, h10km, MPV3.8 NORS 16:15:29:36.0±1.4, 11.27N±104.86±73W±0.05, h18km, 9km, n57, c080/64, mb3.3/4, 3C, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like DOMR, ARXR, ARXN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like KBZ, KIV, AHMR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like NORC, PRAC, PTBC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like AZU, HATO, BCIP, etc.

WEL 16:15:30:37.5:0.6:42°S:2x17°3E, h5km, 2km, M2,7/7, ML2.9/7, MLv2.7/7, Error ellipse: s-maj=0.0km s-min=0.0km az=82.4, confirmed, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kahutara, Greta Valley S, Blackbirch Sta, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like YOTO, GARC, UREC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like MTJD, MTTD, CRPR, etc.

NEIC 16:15:38:10.6:2.0, 4.89N:0.05:72.60W:0.05, h17km, 3km, mb5.2/460, Error ellipse: s-maj=7.6km s-min=6.3km az=149.0

VAO 16:15:38:12.5:0.4, 4.76N:72.56W, h12km, mb5.3, RSNC 16:15:38:12.6:1.6, 4.94N:72.64W, h0km, 5km, Mb5.1, ML4.8, Mw4.8, Fault plane solution: NPT:140.00000, s29.00000, l65.00000

IDC 16:15:38:13.1:1.9, 4.86N:72.71W, h34km, 15km, mb4.5/29, mbtmp4.7/35, ML4.3/6, MS3.9/31, Error ellipse: s-maj=12.7km s-min=9.4km az=65.0

ISC 16:15:38:09.5:1.0, 4.78N:0.02:72.67W:0.02, h15km, 6km, n930, s170/864, mb5.2/246, MS3.9/28, 27C-3D, Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Puerto Gaitan, Chingaza, La Rusia, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like BBAC, BBAC, CRUC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like PAYG, ESQI, ITTB, etc.

16d 15h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like DWPF, BBS, CMIG, PB08, TA02, PRPB, TMAB, PB01, PB02, 656A, PB07, SALV, PB09, PB03, SNDB, LVC, LVC, LVC, 553A, PB15, PB10, PPIB, TLIG, TIGA, TIGA, TIGA, SMTB, 451A, 352A, ARAG, 154A, RVDE, ROSB, BRAL, BRAL, 250A, 250A, GO02, 152A, 152A, AQDB, AQDB, C2SB, HODGE, HODGE, 521A, 521A, Y52A, Y52A, W57A, W57A, PAULI, PAULI, LRAL, LRAL, LRAL, KMSC, KMSC, V58A, V58A, 344A, BG3, CASEE, AC02, Y49A, Y49A, Y47A, Z47A, X51A, X51A, X51A, BDFB, V55A, V55A, W52A, W52A, FPAL, VBMS, VBMS, VBMS.

2017 MAR

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like V53A, V53A, V53A, 342A, GO03, T59A, T59A, T59A, TKL, TKL, TKL, X48A, X48A, CPCT, W50A, W50A, SDBA, AMBA, V52A, V52A, ESFA, T57A, T57A, SWET, SWET, U54A, U54A, U54A, V51A, V51A, ITRB, V45A, BLA, IPMB, TZTN, TZTN, TZTN, TZTN, PLAL, S57A, S57A, S57A, R58B, OXF, V48A, AC05, PCMB, LCO, S54A, S54A, U49A, U49A, NATX, W45A, R55A, R55A, R55A, WVT, WVT, WVT, S51A, S51A, S51A, MCR1, CPUP, CPUP, CPUP, R53A, R53A, R53A, CO01, T47A, T47A, PMNB, Q54A, Q54A, Q54A, Q54A, P57A, P57A, P57A, P57A, 435B, 435B, BB19B, X40A, X40A, X40A, X40A, R50A, R50A, R50A, Q52A, Q52A, R49A.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like R49A, R49A, MCWV, MIAR, P53A, CO03, CO03, LCAR, LCAR, PTBG, WCI, WCI, WHTX, P52A, LUPA, USIN, P51A, P51A, FRFB, FRFB, SSPA, SSPA, S44A, O52A, O52A, O52A, O53A, O53A, JCT, JCT, JCT, T42A, T42A, P49A, P49A, ZON, X37A, X37A, P48A, P48A, CFA, CFA, U40A, U40A, AC05, AC05, RCLB, OLIL, M57A, M57A, M57A, KSPA, CRSM, O49A, FVM, LOOK, M55A, M55A, HHAR, N51A, Q44A, Q44A, O48B, O48B, P46A, P46A, CCM, CCM, VAO, VAO, VAO, SPB, N49A, N49A, ABTX, ABTX, ABTX, L56A, L56A, L56A, BSCB, ITAB, ITAB, ITAB, ITAB, M50A, M50A, ERPA.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SFIN Lafayette, N47A Urbana, R40A Maddies Statio, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CBKS Cedar Bluff, I40A Norwalk, E46A Sault Ste Mari, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NEE2 Needles Airpor, AY01 Puyuhuapi, SWSC Sam W. Stewart, etc.

16d 15h

2017 MAR

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Table with columns: FFC, WVOR, WALA, FCC, G08A, KCPM, PINE, NEW, YBH, YBH, C09A, I04A, H04A, B08A, BRDLA, WLLB, YKA, PNCL, PCAS, DBIC, DBIC, KOTAN, PESTR, PVIS, PGAV, POLO, MVO, T35M, WRGLY, PBRG, DLBC, S34M, Q32M, ESCD, SUMCS, S32K, P33M, R32K, P32M, TULEG, TULEG, N32M, SKAG, FARO, M31M, O30N, N31M, N31M, P30M, TORD, TORD, HYT, N30M, MAYO, MAYO, M30M, M30M, O29M, YUK6, YUK4, EKA, A36M, M29M, F31M, L29M, K29M, YUK8, O28M, INK, INK, INK, YUK3, EPYK, EPYK, G30M, CTGM, CTG, DAWY, I29M, BARN, BVCY, M27K, M27K

Table with columns: L27K, L27K, MCARA, MCARA, EGAK, EGAK, VRDI, M26K, K27K, GLB, L26K, L26K, I27K, H27K, N25K, N25K, G27K, EYAK, SCRK, SCRK, I26K, HARP, E27K, KLU, KLU, RIDG, RIDG, PAX, PAX, M24K, G26K, K24K, SCM, PRP, PRP, F26K, FYU, FYU, PWL, HDA, HDA, IL31, ILAR, ILAR, ILAR, C27K, PPT, KNK, KNK, SML, SML, G25K, F25K, E25K, POKR, POKR, SEW, PMR, COLA, COLA, COLA, COLA, TCOL, TCOL, C26K, O22K, RCO1, MDM, H24K, H24K, SENIN, G24K, MCK, MCK, D25K, NEA2, NEA2, NEA2, BRSE, F24K, CUT, I23K, I23K, SUA, SUA

Table with columns: TRF, TRF, H23K, E24K, HOM, KTH, KTH, SKT, SKT, KDAK, KDAK, BPAW, BPAW, G23K, MLY, MLY, C24K, E23K, KEST, SPCR, COLD, COLD, O20K, OHAK, PPLA, CAST, CAST, CAST, H22K, P19K, CHUM, I21K, G22K, D23K, Q19K, M20K, M20K, DAVOX, DAVA, E22K, F22K, H21K, L20K, O19K, K20K, K20K, M19K, Q18K, G21K, FETA, F21K, RETA, P18K, L19K, L19K, Q17K, R17K, WTTA, TTA, Q16K, NOA, O17K, GCSA, ABTA, CLUD, P16K, A21K, A21K, O16K, CLL, KBA, KHC, PRED, PRED, GERES, MOA, BELA, BELA, SPITS, SPITS, CONA, RDOG, DPC

UCR 16 17:26:57.9:1.6, 9.57N-84.86W, h17km, gkm, MW3.6, 6C-7D, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the Costa Rica event.

IDC 16 17:28:13.2:1.4, 0.20S:123.01E, h0km, mb3.3/4, mbmp3.3/4, Error ellipse: s-maj=170.9km s-min=24.2km az=65.0

DJA 16 17:28:23.0:2.0 S:3.123.35E, h46km, 14km, M4.0/12, mb4.1/2, mb3.8/5, ML3.9/12, Mw(MB)4.6/10

ISC 16 17:28:22.9:0.9, 0.25S, 106.123.05E, 0.08, h100km, n14, s=251/17, mb3.3/4, Minahassa Peninsula, Sulawesi

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

MAN 16 17:28:34.6: 13.92N:120.58E, h186km, mb5.2, ML4.2, MS4.4

NEIC 16 17:28:35.7: 1.5, 13.93N:107.120E:0.1, h204km, 7km, mb4.4/68, Error ellipse: s-maj=15.0km s-min=10.5km az=75.0

DJA 16 17:28:36.2:0.5, 14.1N:4.12E, h206km, 4km, M4.5/49, mb5.2/10, mb4.9, Mw(MB)4.6/10

IDC 16 17:28:40.6:2.0, 13.82N:120.71E, h260km, 19km, mb3.6/21, mbmp4.2/23, Error ellipse: s-maj=19.4km s-min=7.4km az=66.0

ISC 16 17:28:34.5:0.5, 13.91N:103.120E:0.04, h194km, 4km, n188, s146/212, mb4.3/65, 18C-8D, Mindoro

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their recorded data for various events.

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

AUWSH	Wavell State H	20.56 200	P	Pn	18 30 03.4 -1.0
TAVE	Taveuni	20.58 116	P	Pn	18 30 06.2 +1.5
GC1S	Gold Coast 1 S	21.11 198	P	P	18 30 07.7 +0.8
GENI	Genyem	21.35 284	P	P	18 30 14.7 +4.0
GENI	Genyem	20.57 294	P	P	18 30 10.5 -0.2
RMQ	Roma	21.59 211	P	P	18 30 14.6 +1.4
SMPI	Sarmi	22.92 284	P	P	18 30 26.8 -0.6
ARMA	Armidale	23.81 200	P	P	18 30 36.2 +0.1
ARMA	Armidale	23.81 200	IAmb	IAmb	18 30 53.0
ARMA	Armidale	23.81 200	P	P	18 30 37.0 +0.9
QIS	Mount Isa	24.00 237	P	P	18 30 39.3 +1.3
QLP	Quilpie	24.23 219	P	P	18 30 40.3 +0.4
AULRC	Lightning Ridge	24.42 208	P	P	18 30 41.9 +0.3
AUPHS	Peel High Scho	24.69 201	P	P	18 30 45.4 +1.3
SRPI	Serui, Papua	25.33 283	P	P	18 30 49.1 -1.0
AUDCS	Dubbo College	26.55 204	P	P	18 31 03.6 +2.7
GUMO	Guam	26.82 323	LR	LR	18 41 30.9
H1S2	WAKE ISLAND Hy	27.30 12	T	T	18 59 16.1
H1S3	WAKE ISLAND Hy	27.07 12	T	T	18 59 19.6
H1S1	WAKE ISLAND Hy	27.08 12	T	T	18 59 20.7
CMSA	Cobar Meteorol	27.26 209	P	P	18 31 06.8 -0.5
INKA	Innaminka	27.27 222	P	P	18 31 08.6 +1.2
AFI	Afamalu	27.47 104	LR	LR	18 39 35.7
RKPI	Ransiki, Papua	27.41 82	P	P	18 31 08.5 -0.4
WBO	Warramunga Arr	28.15 243	P	P	18 31 13.4 -2.1
WRAB	Tennant Creek	28.25 243	P	P	18 31 15.1 -1.3
WRAB	Tennant Creek	28.25 243	IAmb	IAmb	18 31 22.1
WRAB	Tennant Creek	28.25 243	P	P	18 31 15.2 -1.2
WRAB	Tennant Creek	28.25 243	pmax	pmax	18 31 15.0 -1.3
WB2	Warramunga Arr	28.25 243	P	P	18 31 14.7 -1.7
WB2	Warramunga Arr	28.25 243	IAmb	IAmb	18 31 28.8
WB1	Warramunga Arr	28.26 243	P	P	18 31 19.1 +2.6
WRA	Warramunga Arr	28.26 243	P	P	18 31 15.1 -1.4
WRA	Warramunga Arr	28.26 243	LR	LR	18 42 05.6
WRA	Warramunga Arr	28.26 243	P	P	18 31 14.6 -1.9
H11N1	WAKE ISLAND Hy	28.29 12	T	T	19 00 46.6
H11N3	WAKE ISLAND Hy	28.30 12	T	T	19 00 56.5
H11N2	WAKE ISLAND Hy	28.31 12	T	T	19 00 51.4
CAN	Canberra	29.18 200	P	P	18 31 25.6 +1.2
CAN	Canberra	29.18 200	pmax	pmax	18 31 25.6 +1.2
STKA	Stephens Creek	29.68 215	P	P	18 31 27.6 -1.2
STKA	Stephens Creek	29.68 215	LR	LR	18 43 44.7
STKA	Stephens Creek	29.68 215	P	P	18 31 29.8 +0.9
STKA	Stephens Creek	29.68 215	P	P	18 31 29.7 +0.6
STKA	Stephens Creek	29.68 215	I/P	I/P	18 31 27.5 -1.4
AS01	Alice Springs	30.00 236	P	P	18 31 32.0 -0.6
AS31	Alice Springs	30.12 236	P	P	18 31 30.4 -2.6
ASAR	Alice Springs	30.12 236	P	P	18 31 30.9 -2.1
ASAR	Alice Springs	30.12 236	PcP	PcP	18 34 33.8 -0.3
ASAR	Alice Springs	30.12 236	LR	LR	18 43 15.5
ASAR	Alice Springs	30.12 236	P	P	18 31 31.8 -1.2
SIJ1	Sorong	30.39 282	LR	LR	18 46 38.4
LCKR	Leigh Creek	30.71 221	P	P	18 31 37.2 -0.8
OOD	Oodnadatta	30.82 227	P	P	18 31 41.0 +2.0
KNRA	Kununurra	32.29 254	IAmb	IAmb	18 31 58.0
KNRA	Kununurra	32.29 254	P	P	18 31 55.0 +2.9
ARPS	Mount Arapiles	33.37 208	P	LR	18 32 01.8 +0.5
URZ	Urewera	33.38 156	LR	LR	18 43 08.2
MULG	Mulgathing	33.42 225	P	P	18 32 02.8 +1.0
RTZ	Ruatahuna	33.63 157	P	P	18 32 03.8 +0.2
BBOO	Bucklebo	33.65 220	P	P	18 32 02.5 -1.4
BBOO	Bucklebo	33.65 220	P	P	18 32 03.1 -0.7
BKZ	Black Stump Fm	33.93 158	IAmb	IAmb	18 32 05.9 -0.3
BKZ	Black Stump Fm	33.93 158	IAmb	IAmb	18 32 13.3
LBMI	Labuha	34.10 281	P	P	18 32 07.3 -0.6
TKNZ	Takaka Hill	34.48 164	P	P	18 32 11.6 +0.7
MRNZ	Matariki Terra	34.76 164	P	P	18 32 11.9 -1.4
MRZ	Mangatainoka R	34.93 160	IAmb	IAmb	18 32 14.0 -0.8
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 27.4 +0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 28.6 -0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 42.1 +1.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
MDJ	Mudanjiang	59.62 335	pP	pP	18 43 36.8 +2.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 56.5 +5.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 32.2 +2.0
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 25.9 +1.1
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 27.4 +0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 28.6 -0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 42.1 +1.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
MDJ	Mudanjiang	59.62 335	pP	pP	18 43 36.8 +2.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 56.5 +5.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 32.2 +2.0
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 25.9 +1.1
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MDJ	Mudanjiang	59.62 335	pP	pP	18 35 28.6 -0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 42.1 +1.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
MDJ	Mudanjiang	59.62 335	pP	pP	18 43 36.8 +2.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 56.5 +5.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 32.2 +2.0
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 25.9 +1.1
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 27.4 +0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 28.6 -0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 42.1 +1.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
MDJ	Mudanjiang	59.62 335	pP	pP	18 43 36.8 +2.2
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MDJ	Mudanjiang	59.62 335	pP	pP	18 47 32.2 +2.0
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 25.9 +1.1
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MDJ	Mudanjiang	59.62 335	pP	pP	18 35 28.6 -0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 42.1 +1.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
MDJ	Mudanjiang	59.62 335	pP	pP	18 43 36.8 +2.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 56.5 +5.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 32.2 +2.0
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 25.9 +1.1
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 27.4 +0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 28.6 -0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 42.1 +1.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
MDJ	Mudanjiang	59.62 335	pP	pP	18 43 36.8 +2.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 56.5 +5.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 32.2 +2.0
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 25.9 +1.1
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 27.4 +0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 28.6 -0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 42.1 +1.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
MDJ	Mudanjiang	59.62 335	pP	pP	18 43 36.8 +2.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 56.5 +5.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 32.2 +2.0
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
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MDJ	Mudanjiang	59.62 335	pP	pP	18 35 28.6 -0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 42.1 +1.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
MDJ	Mudanjiang	59.62 335	pP	pP	18 43 36.8 +2.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 56.5 +5.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 32.2 +2.0
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
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MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
MDJ	Mudanjiang	59.62 335	pP	pP	18 43 36.8 +2.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 56.5 +5.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 32.2 +2.0
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 25.9 +1.1
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MDJ	Mudanjiang	59.62 335	pP	pP	18 35 28.6 -0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 42.1 +1.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
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MDJ	Mudanjiang	59.62 335	pP	pP	18 47 56.5 +5.2
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MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
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MDJ	Mudanjiang	59.62 335	pP	pP	18 35 27.4 +0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 28.6 -0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 42.1 +1.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
MDJ	Mudanjiang	59.62 335	pP	pP	18 43 36.8 +2.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 56.5 +5.2
MDJ	Mudanjiang	59.62 335	pP	pP	18 47 32.2 +2.0
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 17.0 -0.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 25.9 +1.1
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 27.4 +0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 28.6 -0.7
MDJ	Mudanjiang	59.62 335	pP	pP	18 35 42.1 +1.4
MDJ	Mudanjiang	59.62 335	pP	pP	18 40 15.1 -0.6
MDJ	Mudanjiang	59			

TNCH	sP	sP	18 36 43.8	0.0
TNCH	PcP	PcP	18 36 53.4	+0.2
TNCH	S	S	18 36 47.8	-4.8
TNCH	pmax	pmax		
comp=E,9.0nm,1.4s				
TNCH	pmax	pmax		
comp=E,190nm,6.2s	LR	LR		
TNCH	LR	LR		
comp=E,430nm,13.8s				
TNCH	LR	LR		
comp=E,730nm,16.3s				
TNCH	LR	LR		
comp=E,380nm,19.7s				
SPIA	69.24	16	P	18 36 30.2 +0.8
baz=211				
LZH	69.28	313	eP	18 36 34.4 +4.0
LZH			pP	18 36 43.3 -1.7
LZH			sP	18 36 49.4 -4.5
LZH			S	18 45 39.0 +4.3
LZH			pmax	pmax
comp=E,15nm,1.5s				
LZH			pmax	pmax
comp=E,310nm,4.9s				
VNDA	69.36	180	P	18 36 29.9 0.0
comp=E,4.7nm,0.8s,slow=4.4,slow=5.2,SNR=8.0				
VNDA	69.36	180	P	18 36 30.1 +0.2
VNDA	69.36	180	P	18 36 30.1 +0.2
VNDA			pmax	pmax
comp=Z,36nm,1.5s				
MND	70.18	297	P	18 36 37.8 +1.9
SEY	71.16	356	LR	19 03 18.5
SEY	71.16	356	P	18 36 40.0 -1.0
SEY			pmax	pmax
comp=Z,17nm,1.3s				
ULN	73.18	325	P	18 36 53.0 -0.7
ULN			IAMB	18 37 27.1
ULN	73.18	325	P	18 36 53.0 -0.7
ULN			pmax	pmax
comp=Z,19nm,1.1s				
ULN	73.18	325	P	18 36 53.0 -0.7
ULN			pmax	pmax
comp=Z,19nm,1.1s				
SOMN	73.53	325	P	18 36 55.1 -0.6
comp=Z,8.3nm,1.0s,slow=136,slow=5.8,SNR=22				
SOMN	73.53	325	P	18 36 54.7 -1.0
GTA	73.62	315	eP	18 36 59.0 +2.6
GTA			PcP	18 37 12.9 +0.7
GTA			pmax	pmax
comp=Z,7.0nm,1.4s				
YAK	74.02	345	P	18 36 56.6 -1.5
YAK	74.02	345	eP	18 36 56.8 -1.3
YAK			eS	18 37 11.1
YAK			SKIKP	18 46 25.4 +1.6
YAK			e	18 47 03.8
YAK			pmax	pmax
comp=Z,31nm,0.9s				
YAK			pmax	pmax
comp=N,4.0nm,0.9s				
YAK			pmax	pmax
comp=E,3.0nm,0.9s				
YAK			pmax	pmax
comp=Z,177nm,6.2s				
YAK			pmax	pmax
comp=N,133nm,6.9s				
YAK			pmax	pmax
comp=E,105nm,5.4s				
YAK			smax	smax
comp=E,131nm,4.7s				
YAK			smax	smax
comp=N,67nm,4.7s				
P16K	74.61	21	P	18 37 01.0 -0.5
Nushagak River				
baz=222				
Q17K	74.81	22	P	18 37 02.4 -0.5
Contact Creek				
baz=225				
Q16K	74.82	21	P	18 37 03.0 +0.3
King Salmon				
baz=224				
SHL	74.94	299	P	18 37 04.1 -0.3
Shillong				
SHL	74.94	299	P	18 37 04.1 -0.3
Shillong			pmax	pmax
comp=Z,80nm,1.8s				
Q18K	75.41	22	P	18 37 05.5 -0.8
Katmai Hardscr				
baz=225				
O17K	75.46	20	P	18 37 06.0 -0.5
Koliganek Bris				
baz=223				
KDAK	75.74	24	LR	19 07 32.1
Kodiak Island				
comp=Z,372nm,18.1s,slow=247,slow=33				
P18K	75.85	21	P	18 37 08.5 -0.2
Big Mountain,				
baz=225				
BOD	75.92	336	eP	18 37 08.3 -0.8
BOD			pmax	pmax
comp=Z,11nm,1.4s				
GOMU	76.00	310	P	18 37 13.1 +2.6
GeErMu			sP	18 37 28.5 +3.2
GOMU			pmax	pmax
comp=Z,3.0nm,1.5s				
BILL	76.08	2	P	18 37 07.9 -2.0
BILL			IAMB	18 37 12.5
comp=Z,25nm,1.1s				
BILL	76.08	2	eP	18 37 08.6 -1.3
BILL			eS	18 37 21.1
BILL			S	18 46 56.9 +6.2
BILL			PnS	18 47 45.0 +1.4
BILL			/SS	18 51 50.5 +6.0
BILL			pmax	pmax
comp=Z,26nm,1.1s				
BILL			MLR	MLR
comp=Z,189nm,17.0s				
ZAK	76.61	326	eP	18 37 12.4 -1.0
ZAK			pmax	pmax
comp=Z,9.0nm,1.5s				
ZAK			pmax	pmax
comp=Z,4.0nm,1.3s				
ANM	76.77	14	P	18 37 13.9 +0.1
ANM			IAMB	18 37 17.6
comp=Z,18nm,1.3s				
ANM	76.77	14	P	18 37 13.9 +0.1
ANM			pmax	pmax
comp=Z,18nm,1.3s				
ANM	76.77	14	P	18 37 14.0 +0.1
ANM			pmax	pmax
comp=Z,214,SNR=8.9				
SVW2	76.94	20	P	18 37 16.5 +1.6
Sparrevohn				
TNA	77.02	13	P	18 37 15.5 +0.3
TNA	77.02	13	P	18 37 14.7 -0.5
TNA			pmax	pmax
comp=Z,212,SNR=6.2				
IRK	77.05	328	eP	18 37 16.5 +0.8
IRK			pmax	pmax
comp=Z,36nm,4.1s				
HOM	77.36	23	P	18 37 16.8 -0.4
Home				
baz=228				
BRSE	77.76	23	P	18 37 20.2 +0.7
Bradley Lake S				
baz=229				
M19K	77.92	20	P	18 37 20.9 +0.5
Big River Lodg				
baz=226				
L19K	77.96	20	P	18 37 21.1 +0.5
White Mountain			IAMB	18 37 23.9
L19K			IAMB	18 37 23.9
comp=Z,21nm,1.0s				
L19K	77.96	20	P	18 37 21.8 +1.2
White Mountain				
baz=225				
TTA	78.12	19	P	18 37 21.9 +0.4
TTA			IAMB	18 37 34.1
comp=Z,29nm,1.5s				
TTA	78.12	19	P	18 37 24.3 +2.8
TTA			pmax	pmax
comp=Z,8.4nm,1.1s				
TTA	78.12	19	P	18 37 22.0 +0.4
TTA			pmax	pmax
comp=Z,29nm,1.5s				
TTA	78.12	19	P	18 37 21.8 +0.3
TTA			pmax	pmax
comp=Z,224				
M20K	78.33	20	P	18 37 23.3 +0.5
Styx River				
baz=227				
L20K	78.49	20	P	18 37 23.9 +0.4
Farewell, AK				
baz=226				
SEW	78.49	23	P	18 37 23.6 +0.1
Seward				
baz=230				
O22K	78.63	23	P	18 37 24.7 +0.4
Cooper Landing				
baz=230				
SUA	78.89	21	P	18 37 25.3 -0.5
Susitna One				
SKT	78.95	21	P	18 37 25.4 -0.7
Skwentna				
baz=228				
RC01	79.02	22	P	18 37 25.5 -0.9
Rabbit Creek A				
RC01	79.02	22	P	18 37 26.6 +0.2
Rabbit Creek A				
baz=230				
TAPN	79.02	300	eP	18 37 29.3 +1.7
Taplejung				
comp=Z,37nm,1.3s				

K20K	Telida	79.05	19	P	18 37 25.4 -1.1
K20K	comp=Z,23nm,1.4s				18 37 33.4
K20K	Telida	79.05	19	P	18 37 26.9 +0.4
baz=226					
ODAN	Odare	79.17	299	eP	18 37 28.0 -0.3
comp=Z,50nm,1.2s					
PPLA	Purkeypile	79.35	20	P	18 37 28.6 +0.2
baz=227					
PWL	Port Wells	79.40	23	P	18 37 27.7 -0.9
baz=231					
PMR	Palmer	79.57	22	P	18 37 29.5 +0.1
PMR	comp=Z,19nm,1.0s				18 37 31.7
PMR	Palmer	79.57	22	P	18 37 31.4 +2.1
PMR	comp=Z,18nm,1.8s				
PMR	Palmer	79.57	22	P	18 37 29.5 +0.1
PMR	comp=Z,19nm,1.0s				pmax
PMR	Palmer	79.57	22	P	18 37 28.9 -0.5
CUT	Chulitna	79.68	21	P	18 37 29.8 -0.2
baz=230					
KNK	Knik Glacier	79.70	22	P	18 37 29.8 -0.4
baz=231					
CAST	Castle Rocks	79.74	20	P	18 37 28.5 -1.8
CAST	Castle Rocks	79.74	20	P	18 37 29.6 -0.7
RAMN	Ramite	79.87	299	eP	18 37 32.1 -0.1
CHUM	Lake Minchum	79.98	19	P	18 37 31.6 +0.1
SML	Sawmill	80.00	22	P	18 37 31.8 0.0
baz=221					
RDOG	Red Dog Mine	80.20	13	P	18 37 33.7 +1.0
RDOG	comp=Z,24nm,1.4s				18 37 36.2
RDOG	Red Dog Mine	80.20	13	P	18 37 33.1 +0.3
M23K	Knik Glacier	80.21	22	P	18 37 32.0 -0.9
baz=232					
KTH	Kantishna Hill	80.22	20	P	18 37 32.0 -1.0
TRF	Thorofore Moun	80.36	20	P	18 37 32.5 -1.4
TRF	Thorofore Moun	80.36	20	P	18 37 33.4 -0.5
SCM	Sheep Creek Mo	80.39	22	P	18 37 34.7 +0.8
baz=232					
JIRN	Jirinek	80.40	300	eP	18 37 34.8 -0.4
BPAW	Bear Paw Mtn.	80.56	19	P	18 37 34.5 -0.2
baz=228					
GUN	Gumba	80.73	300	eP	18 37 36.1 -0.8
I21K	comp=Z,34nm,1.0s				
I21K	Tanana	80.97	18	P	18 37 36.7 -0.1
I21K	comp=Z,23nm,1.6s				18 37 40.6
I21K	Tanana	80.97	18	P	18 37 36.9 +0.1
M24K	Tolsona, Glenn	80.99	22	P	18 37 37.5 +0.3
IMAR	Indian Mountai	80.99	17	P	18 37 36.4 -0.6
MCK	McKinley	81.01	20	P	18 37 36.5 -0.6
MCK	McKinley	81.01	20	P	18 37 36.5 -0.6
MCK	comp=Z,35nm,1.0s				pmax
MCK	McKinley	81.01	20	P	18 37 36.2 -0.9
H21K	Melozitna Rive	81.05	18	P	18 37 37.5 +0.2
baz=230,SNR=12					
PKI	Pulchoki	81.05	300	eP	18 37 38.1 -0.5
comp=Z,31nm,1.1s					
PKIN	Pulchoki	81.07	300	eP	18 37 38.0 -0.6
BWN	Brown	81.11	20	P	18 37 37.9 -0.3
BWN	comp=Z,30nm,1.1s				18 37 39.7
KKN	Kakani	81.22	300	eP	18 37 38.5 -0.8
MLY	Manley	81.26	19	P	18 37 37.8 -0.7
MLY	Manley	81.26	19	P	18 37 37.6 -0.9
DMN	Daman	81.32	300	eP	18 37 39.3 -0.6
PALK	Pallekele	81.40	279	P	18 37 39.0 -1.3
PALK	comp=Z,26nm,1.4s				IAMB
PALK	Pallekele	81.40	279	P	18 37 39.0 -1.3
PALK	comp=Z,26nm,1.4s				pmax
G21K	Allakaket	81.44	17	P	18 37 39.3 -0.1
NEA2	Neak	81.51	20	P	18 37 38.5 -1.3
NEA2	comp=Z,17nm,1.2s				IAMB
NEA2	Neak	81.51	20	P	18 37 41.5
NEA2	comp=Z,17nm,1.2s				IAMB
H22K	Neak	81.51	20	P	18 37 39.2 -0.6
comp=Z,230,SNR=8.3					
H22K	Ishlitalina Cre	81.64	18	P	18 37 40.6 +0.1
WRH	Wood River Hill	81.76	20	P	18 37 40.5 -0.6
WRH	comp=Z,19nm,1.3s				IAMB
I23K	Minto, Yukon-K	81.78	19	P	18 37 43.4
baz=230					
MCARA	McCarthy VSAT	81.79	24	P	18 37 40.3 -1.0
GKN	Gorkha	81.82	300	eP	18 37

L04D	Klamath Falls	85.76	46	P	P	18 38 03.6 +1.4
N32M	Quiet Lake	85.86	26	P	P	18 38 03.0 +0.9
SMMC	Simmler	85.86	54	P	P	18 38 03.7 +0.9
SBC	Santa Barbara	85.90	55	P	P	18 38 03.9 +1.0
PKM	Mpchserson Peak	85.91	54	P	P	18 38 03.5 +0.3
E27K	Coleen River	86.08	18	P	P	18 38 04.3 +1.2
C26K	Camden Bay	86.09	16	P	P	18 38 04.6 +1.6
J04A	Umpqua Nationa	86.16	46	P	P	18 38 05.3 +1.0
DLBC	Dease Lake	86.19	29	LR	LR	19 12 08.8
DLBC	Dease Lake	86.19	29	P	P	18 38 04.4 +0.5
FARO	Faro, Yukon	86.20	25	P	Iamb	18 38 07.2
FARO	Faro, Yukon	86.20	25	P	P	18 38 04.2 +0.4
C27K	Iago River	86.26	17	P	P	18 38 04.7 +0.8
H04A	Detroit Lake	86.48	44	P	Iamb	18 38 07.6 +2.0
EPYK	Eagle Plains	86.77	21	P	Iamb	18 38 05.7 -0.8
EPYK	Eagle Plains	86.77	21	P	P	18 38 07.3 +0.7
J05D	Fort Rock, OR	86.79	46	P	P	18 38 07.7 +0.4
K05A	Summer Lake	86.90	46	P	P	18 38 09.2 +1.3
I05D	Terrebonne, OR	86.98	45	P	P	18 38 10.0 +2.0
WAKR	Walker	87.00	51	P	P	18 38 10.7 +2.2
MDP3	Devils Postpiln	87.09	52	P	P	18 38 09.3 +0.2
MOD	Modoc Plateau	87.13	47	P	Iamb	18 38 09.9 +0.9
MOD	Modoc Plateau	87.13	47	P	Iamb	18 38 13.0
OMMB	Old Mammoth Mi	87.15	52	P	P	18 38 09.8 +0.4
ISA	Isabella, Lake	87.15	54	P	Iamb	18 38 09.3 +0.2
ISA	Isabella, Lake	87.15	54	P	P	18 38 09.3 +0.2
G30M	toah Zraii Nji	87.23	21	P	P	18 38 10.1 +1.3
MMPY	Sheldon Lake	87.25	25	P	P	18 38 10.2 +1.2
PAHR	Pah Rah Range	87.31	49	P	Iamb	18 38 11.2 +1.3
PAHR	Pah Rah Range	87.31	49	P	Iamb	18 38 14.7
EDWC	Edwards Air Fo	87.37	54	P	P	18 38 11.2 +1.0
BFSC	Mount Baldy Ra	87.52	55	P	P	18 38 12.2 +1.4
CWC	Cottonwood Cre	87.62	53	P	P	18 38 12.8 +1.3
LHV	Little Huntoon	87.67	51	P	P	18 38 12.7 +1.3
LRMC	Laurel Mt Rad	87.74	54	P	P	18 38 13.6 +1.5
NVAR	Mina Array Bea	87.86	51	P	P	18 38 12.5 -0.2
NVAR	Mina Array Bea	87.86	51	P	LR	19 10 10.0
DSP	Deep Springs	87.90	52	P	Iamb	18 38 13.8 +1.3
DSP	Deep Springs	87.90	52	P	Iamb	18 38 16.9
NV11	Mina Array Sit	87.97	51	P	Iamb	18 38 13.5 +0.4
NV11	Mina Array Sit	87.97	51	P	Iamb	18 38 17.0
MPMC	Manual Prospec	88.01	53	P	P	18 38 14.8 +1.3
LCH	Last Change Ra	88.12	52	P	P	18 38 14.7 +0.8
KVN	Kaiserville	88.14	50	P	Iamb	18 38 14.5 +0.5
KVN	Kaiserville	88.14	50	P	P	18 38 14.5 +0.5
MK31	Makanchi Array	88.15	318	P	Iamb	18 38 11.8 -1.8
MK31	Makanchi Array	88.15	318	P	Iamb	18 38 15.8
MK31	Makanchi Array	88.15	318	P	P	18 38 12.0 -1.6
MKAR	Makanchi Array	88.15	318	P	P	18 38 12.3 -1.3
MKAR	Makanchi Array	88.15	318	P	P	18 38 11.8 -1.8
I07A	Izeze	88.20	45	P	Iamb	18 38 13.8 -0.2
I07A	Izeze	88.20	45	P	Iamb	18 38 18.2
MONP2	Monument Peak	88.27	57	P	P	18 38 16.4 +1.6
F31M	Tsigichtic	88.30	21	P	P	18 38 15.3 +1.5
MAKZ	Makanchi	88.36	318	P	Iamb	18 38 12.8 -1.7
MAKZ	Makanchi	88.36	318	P	Iamb	18 38 16.8
MAKZ	Makanchi	88.36	318	P	P	18 38 12.9 -1.7
MAKZ	Makanchi	88.36	318	P	P	18 38 12.9 -1.7
PFO	Pinyon Flats O	88.37	56	LR	LR	19 09 53.5
PFO	Pinyon Flats O	88.37	56	P	P	18 38 16.1 +1.0
TPFO	Pinon Flats	88.38	56	P	P	18 38 15.5 +0.3
GSC	Goldstone, Bar	88.41	54	P	P	18 38 16.5 +1.3
MZP	Montezuma Peak	88.42	52	P	P	18 38 16.5 +1.1
ZALV	Zalesovo Beam	88.43	325	P	P	18 38 11.6 -3.1
ZALV	Zalesovo Beam	88.43	325	P	P	18 38 12.2 -2.4
ZALV	Zalesovo Beam	88.43	325	P	P	18 38 13.0 -1.7
WVOR	Wild Horse Val	88.46	47	P	Iamb	18 38 17.1 +1.8
WVOR	Wild Horse Val	88.46	47	P	Iamb	18 38 19.5
WVOR	Wild Horse Val	88.46	47	P	P	18 38 17.1 +1.8
QSM	Queen of Sheba	88.49	54	P	P	18 38 16.6 +1.2
TPH	Tonopah	88.62	51	P	P	18 38 17.5 +1.2
TPH	Tonopah	88.62	51	P	P	18 38 17.5 +1.2
INK	Inuvik	88.75	20	LR	LR	19 14 07.3
INK	Inuvik	88.75	20	P	P	18 38 17.1 +1.2
INK	Inuvik	88.75	20	P	P	18 38 17.1 +1.2
INK	Inuvik	88.75	20	P	P	18 38 17.1 +1.2
J08A	Circle Bar Ran	88.77	46	P	Iamb	18 38 17.9 +1.2
J08A	Circle Bar Ran	88.77	46	P	Iamb	18 38 21.5
SWSC	Sam W. Stewart	88.79	57	P	P	18 38 18.6 +1.7
BELC	Belle Mtn. Jos	88.82	56	P	P	18 38 19.0 +1.7
BC3	Big Chuckawall	89.21	56	P	P	18 38 21.5 +2.5
GMRC	Granite Mounta	89.24	55	P	P	18 38 20.5 +1.3
SFX	San Felipe	89.25	59	P	P	18 38 19.1 +0.0
IRM	Iron Mountain	89.55	56	P	P	18 38 22.8 +2.3
GLA	Glamis	89.62	57	P	Iamb	18 38 22.0 +1.1
GLA	Glamis	89.62	57	P	P	18 38 22.0 +1.1
GLA	Glamis	89.62	57	P	P	18 38 23.4 +2.6
BMO	Blue Mountains	89.90	45	P	Iamb	18 38 23.4 +1.4
BMO	Blue Mountains	89.90	45	P	Iamb	18 38 26.4

RDMU	Carpenter Ridge	95.06	52	P	Iamb	18 38 23.4 +1.4
VPV23	Carpenter Ridge	95.06	52	P	Iamb	18 38 24.6 +2.2
VPV23	Carpenter Ridge	95.06	52	P	Iamb	18 38 23.2 +0.7
PV17	East Wray Mesa	95.08	52	P	Iamb	18 38 25.0
PV17	East Wray Mesa	95.08	52	P	Iamb	18 38 22.6 -0.3
PV20	West Nyswonger	95.08	52	P	Iamb	18 38 24.1 +0.6
PV20	West Nyswonger	95.08	52	P	Iamb	18 38 28.1
PV21	Cone Mtn., Par	95.10	52	P	Iamb	18 38 26.6 +2.2
PV21	Cone Mtn., Par	95.10	52	P	Iamb	18 38 25.9 +1.2
BW06	Boulder Array	95.12	48	P	Iamb	18 38 29.2
BW06	Boulder Array	95.12	48	P	Iamb	18 38 25.7 +0.7
BW06	Boulder Array	95.12	48	P	Iamb	19 13 03.1
PD31	Pinedale Array	95.12	48	P	P	18 38 25.4 -0.2
PDAR	Pinedale Array	95.12	48	P	P	18 39 11.1
PDAR	Pinedale Array	95.12	48	P	P	18 38 25.5 -0.2
PDAR	Pinedale Array	95.12	48	P	P	18 38 27.4 +1.7
KK31	Karatay Array	95.77	313	P	P	19 10 46.9
KK31	Karatay Array	95.77	313	P	P	18 38 26.9 +0.7
KK31	Karatay Array	95.77	313	P	P	18 38 27.7 +0.1
KKAR	Karatay Array	95.77	313	P	P	18 38 29.2
KKAR	Karatay Array	95.77	313	P	P	18 38 28.2 +0.6
KKAR	Karatay Array	95.77	313	P	P	18 38 32.8
ANMO	Albuquerque	96.76	56	LR	LR	19 16 38.2
ANMO	Albuquerque	96.76	56	P	P	18 38 30.4 +2.5
ANMO	Albuquerque	96.76	56	P	P	18 38 31.8
ANMO	Albuquerque	96.76	56	P	P	18 38 30.5 +2.7
ANMO	Albuquerque	96.76	56	P	P	18 38 29.3 +1.0
BRVK	Borovoye	96.80	323	P	P	18 38 46.9 +4.4
BRVK	Borovoye	96.80	323	P	P	18 38 28.0
TXAR	Lajitas Array	96.85	62	P	P	18 38 30.0 -2.4
TXAR	Lajitas Array	96.85	62	P	P	18 39 00.0 -2.4
TXAR	Lajitas Array	96.85	62	P	P	19 15 36.2
RSSD	Black Hills	99.23	47	P	P	18 39 06.0 +1.1
KIV	Kislovodsk	115.80	315	P	P	18 44 01.6 -3.9
AKASO	Main Array Be	121.81	326	P	P	18 44 16.3 -0.4
BRTR	Keskin Array B	123.49	313	P	P	18 44 19.0 -1.5
BRTR	Keskin Array B	123.49	313	P	P	18 44 19.0 -1.5
BOSA	Bosfor	123.74	228	P	P	18 44 20.4 -0.9
LPAZ	La Paz	125.75	117	P	P	18 44 24.1 -1.9
GERES	GERES Array B	130.94	332	P	P	18 44 31.6 -2.8
BFO	Black Forest	133.72	335	P	P	18 44 39.2 -0.3
PBRG	Braganca	144.73	346	P	P	18 44 59.5 -0.6
PGAV	Gavieira, Arco	144.97	346	P	P	18 44 59.5 -0.6
PCAB	Cabril	145.15	346	P	P	18 44 59.5 -0.6
MVO	Moncorvo	145.40	346	P	P	18 45 00.5 -0.4
OLIO	Oleio de Olo	145.41	346	P	P	18 45 01.2 +0.1
PVRL	Vila Real	145.48	346	P	P	18 45 00.2 -0.9
ESDC	Sonsea Array	145.79	335	P	P	18 45 01.5 -0.2
PVIS	Visu	146.05	346	P	P	18 45 02.1 -0.0
PCBR	Castelo Branco	146.76	344	P	P	18 45 04.7 -0.2
PMRV	Marv'20	147.12	343	P	P	18 45 06.1 +0.1
PESTR	Pestrez	147.69	343	P	P	18 45 08.9 -0.8
EVO	Evora	148.12	343	P	P	18 45 11.2 -0.4
TORD	Torodi Ar. Bea	158.97	285	P	P	18 45 19.3 -2.4
TORD	Torodi Ar. Bea	158.97	285	P	P	18 45 56.6 -1.4

NEIC 16:28:30.7±2.6, 8:03S:0:06:160:9E±0:1, h10km, 1km, mb4, 8/40, Error ellipse: s-maj=17.8km s-min=9.1km

IDC 16:28:35.4±2.8, 8:13S:160:96E, h50km, 26km, mb4, 1/19, mbmtpl4/22, ML4/4/3, Error ellipse: s-maj=20.7km s-min=17.5km az=100.0

ISC 16:28:33.9±0.4, 8:06S:0:06:160:94E±0:09, h35km, n100, c133/96, mb4, 7/46, 1C, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
HNR	Honiara	1.68	216	Op	18 29 01.9 +1.1	
HNR	Honiara	1.68	216	S	18 29 25.8 +4.7	
HNR	Honiara	1.68	216	Pn	18 29 00.5 -0.3	
KOUN	Koung New Ca	12.83	166	P	18 31 32.0 +1.9	
DZM	Mont Dzumac	14.90	160	P	18 32 02.6 +0.4	
COEN	Coen	18.39	250	P	18 32 45.5 -0.6	
CTA	Charters Tower	18.58	228	P	18 32 49.2 +0.7	
CTAO	Charters Tower	18.58	228	P	18 32 46.6 -1.5	
MSVF	Nonsava	19.23	122	P	18 32 56.5 +0.2	
EIDS	Eidsvold	19.62	207	P	18 32 59.7 +0.3	
EIDS	Eidsvold	19.62	207	P	18 33 01.8	
ARMA	Armidade	23.89	200	P	18 33 44.5 -0.1	
H1S2	WAKE ISLAND Hy	26.99	12	T	19 02 24.2	

KSRS	comp=Z,205nm,20.0s,baz=200,slow=39	LR	LR	19 12 07.9					
KS19	comp=Z,28nm,1.0s	P	IAMB	18 48 21.8 -1.1					
KS19	Wonju Array Si	50.46	14	P	IAMB	18 48 39.7			
DZM	comp=Z,83nm,1.2s	LR	LR	19 10 31.8					
DZM	Mont Dzumac	50.49	109	LR	P	18 48 23.3 0.0			
HJU	comp=Z,459nm,18.5s,baz=274,slow=37	P	S	18 55 28.7 -7.8					
HJU	Haeju	50.52	11	P	S				
HJU	comp=Z,297nm,1.4s	P	S	18 48 23.9 -0.9					
DL2	Dalian	50.72	7	P	S	18 55 35.0 -4.2			
DL2	comp=Z,45nm,1.2s	pmx	pmx						
DL2	comp=Z,290nm,5.8s	LR	LR						
DL2	comp=Z,660nm,23.2s	LR	LR						
DL2	comp=Z,350nm,26.0s	LR	LR						
DL2	comp=Z,1um,21.0s	LR	LR						
GOMU	GeErMu	51.12	339	P	PP	18 48 28.8 +0.5			
GOMU	comp=Z,17nm,1.3s	P	PP	18 50 28.8 +3.5					
GOMU	comp=Z,220nm,4.3s	S	S	18 55 46.4 +0.8					
GOMU	comp=Z,17nm,1.3s	pmx	pmx						
GOMU	comp=Z,220nm,4.3s	pmx	pmx						
GOMU	comp=Z,710nm,20.9s	LR	LR						
GOMU	comp=Z,310nm,17.9s	LR	LR						
GOMU	comp=Z,610nm,20.4s	LR	LR						
INU	Inuyama	51.34	24	P	IAMB	18 48 28.6 -1.0			
INU	comp=Z,53nm,1.0s	P	IAMB	18 48 33.2					
BJI	Beijing	51.45	2	P	P	18 48 29.8 -0.4			
BJI	comp=Z,24nm,1.2s	pP	pP	18 48 33.5 -1.7					
BJI	comp=Z,270nm,6.0s	sP	sP	18 55 37.6 -2.4					
BJI	comp=Z,310nm,19.5s	pmx	pmx	18 55 43.8 -5.4					
BJI	comp=Z,24nm,1.2s	pmx	pmx						
BJI	comp=Z,270nm,6.0s	LR	LR						
BJI	comp=Z,310nm,19.5s	LR	LR						
BJI	comp=Z,220nm,18.0s	LR	LR						
BJI	comp=Z,470nm,23.8s	LR	LR						
PYAG	Pyongyang	51.50	11	P	P	18 48 30.4 -0.2			
PYAG	comp=Z,174nm,1.4s	pP	pP	18 48 51.9 +1.1					
PYAG	comp=Z,40nm,0.9s	AmB	AmB	18 55 42.4 -7.6					
JGF	Kuroka	51.69	24	P	IAMB	18 48 30.5 -1.8			
JGF	comp=Z,340nm,0.9s	P	IAMB	18 48 49.5					
BTO	Baotou	52.16	356	eP	P	18 48 36.3 +0.6			
BTO	comp=Z,3um,15.6s	pP	pP	18 48 40.6 -1.7					
BTO	comp=Z,2um,14.1s	PP	PP	18 50 36.6 +2.3					
BTO	comp=Z,140nm,0.9s	S	S	18 56 01.8 +2.5					
BTO	comp=Z,140nm,0.9s	sS	sS	18 56 07.8 +0.5					
BTO	comp=Z,3um,16.8s	pmx	pmx						
SUJ	Sinuiju	52.30	10	P	P	18 48 35.4 -1.2			
SUJ	comp=Z,200nm,2.0s	S	S	18 55 52.3 -9.7					
SUJ	comp=Z,200nm,2.0s	AmB	AmB						
HHC	Hu-ho-hao-te	52.31	357	eP	S	18 48 37.6 +0.8			
HHC	comp=Z,57nm,1.2s	S	S	18 48 43.8 +0.4					
HHC	comp=Z,360nm,6.4s	sS	sS	18 55 59.4 -1.9					
HHC	comp=Z,980nm,19.5s	pmx	pmx	18 56 15.3 +6.0					
HHC	comp=Z,360nm,6.4s	LR	LR						
HHC	comp=Z,980nm,19.5s	LR	LR						
HHC	comp=Z,520nm,19.7s	LR	LR						
HHC	comp=Z,2um,21.2s	LR	LR						
GTA	Gaotai	52.63	346	U	P	18 48 39.9 +0.7			
GTA	comp=Z,25nm,1.4s	pP	pP	18 48 44.0 -1.8					
GTA	comp=Z,300nm,6.9s	S	S	18 56 05.8 0.0					
GTA	comp=Z,450nm,21.8s	pmx	pmx						
GTA	comp=Z,300nm,6.9s	LR	LR						
GTA	comp=Z,450nm,21.8s	LR	LR						
GTA	comp=Z,770nm,22.5s	LR	LR						
GTA	comp=Z,680nm,22.5s	LR	LR						
HHU	Hamhung	52.70	13	P	P	18 48 39.5 -0.1			
MAJO	Matsushiro	52.85	24	P	IAMB	18 48 38.5 -2.3			
MAJO	comp=Z,69nm,0.9s	P	IAMB	18 48 48.1					
MAJO	Matsushiro	52.85	24	iP	pmx	18 48 38.9 -1.9			
MAJO	comp=Z,113nm,1.5s	pmx	pmx						
MJAR	Matsushiro Arr	52.85	24	P	P	18 48 39.0 -1.8			
MJAR	comp=Z,60nm,0.9s,baz=194,slow=7.4,SNR=52	LR	LR	19 12 41.1					
MJAR	comp=Z,232nm,19.6s,baz=212,slow=38	LR	LR						
MJAR	Matsushiro Arr	52.85	24	P	P	18 48 39.0 -1.8			
MJB9	Matsu-Tunnel	52.85	24	P	IAMB	18 48 39.2 -1.6			
MJB9	comp=Z,67nm,0.9s	IAMB	IAMB	18 48 49.1					
JSD	Sado	54.17	23	P	P	18 48 49.7 -0.7			
JMM	XilinHaoTe	55.04	25	P	P	18 48 55.6 -1.1			
XLT	Murumori	55.30	1	U	P	18 48 59.3 +0.7			
XLT	XilinHaoTe	55.30	1	U	P	18 49 02.6 -1.1			
XLT	comp=Z,45nm,1.4s	pP	pP	18 49 07.3 -1.1					
XLT	comp=Z,440nm,6.4s	sP	sP	18 56 36.5 -5.2					
XLT	comp=Z,45nm,1.4s	pmx	pmx						
XLT	comp=Z,440nm,6.4s	LR	LR						
XLT	comp=Z,44nm,18.3s	LR	LR						
XLT	comp=Z,360nm,16.6s	LR	LR						
XLT	comp=Z,550nm,16.6s	LR	LR						
XLT	XilinHaoTe	55.30	1	ScS	P	18 48 59.5 +0.9			
XLT	XilinHaoTe	55.30	1	ScS	P	18 48 59.8 +1.2			
DCZ	Deep Cove	55.83	138	P	IAMB	18 49 02.2 -0.2			
DCZ	comp=Z,101nm,1.7s	P	IAMB	18 49 18.7					
CN2	Changchun	56.06	9	P	P	18 49 03.0 -1.0			
CN2	comp=Z,20nm,0.9s	eS	S	18 56 52.4 +0.7					
CN2	comp=Z,20nm,0.9s	pmx	pmx						
CN2	comp=Z,300nm,6.0s	pmx	pmx						
CN2	comp=Z,300nm,18.0s	LR	LR						
CN2	comp=Z,300nm,18.0s	LR	LR						
CN2	comp=Z,400nm,16.0s	LR	LR						
VLA	Vladivostok	56.75	15	iP	pmx	18 49 08.2 -0.7			
VLA	comp=Z,48nm,1.2s	pmx	pmx						
RER	Riviere de l'E	56.97	252	P	P	18 49 12.5 +1.4			
MDJ	Mudanjiang	57.63	13	P	P	18 49 14.4 -0.7			
MDJ	comp=Z,18nm,0.8s	PP	PP	18 51 26.8 +3.6					
MDJ	comp=Z,18nm,0.8s	S	S	18 57 16.3 +3.9					
MDJ	comp=Z,18nm,0.8s	sS	sS	18 57 29.8 +9.0					
MDJ	comp=Z,18nm,0.8s	ScS	ScS	18 59 01.8 +1.8					
MDJ	comp=Z,18nm,0.8s	SS	SS	19 01 06.9 +3.8					

MDJ	comp=Z,26nm,0.9s	pmx	pmx						
MDJ	comp=Z,370nm,6.7s	pmx	pmx						
MDJ	comp=Z,360nm,24.4s	LR	LR						
MDJ	comp=Z,380nm,23.3s	LR	LR						
MDJ	comp=Z,1um,24.7s	LR	LR						
JTM	Tenmabayashi	57.64	24	P	P	18 49 14.3 -0.9			
USA0B	Ussuriysk Arra	57.79	15	iP	P	18 49 15.7 -0.5			
USAR	Ussuriysk Ar	57.79	15	P	P	18 49 15.2 -1.0			
USAR	comp=Z,36nm,0.7s,baz=205,slow=6.4,SNR=16	LR	LR	19 19 12.8					
USAR	comp=Z,127nm,18.2s,baz=191,slow=41	LR	LR						
RPZ	Rata Peaks	57.95	135	LR	LR	19 14 34.8			
RPZ	comp=Z,36nm,0.7s	P	P						
RPZ	Rata Peaks	57.95	135	P	P	18 49 19.4 +1.8			
RPZ	comp=Z,936nm,18.1s,baz=284,slow=36	IAMB	IAMB	18 49 25.8					
DSZ	Denniston Nor	57.99	132	P	P	18 49 18.8 +0.9			
DSZ	comp=Z,33nm,1.0s	IAMB	IAMB	18 49 31.0					
BNX	BinXian	58.28	11	U	P	18 49 19.4 -0.2			
BNX	comp=Z,18nm,0.8s	pmx	pmx						
BNX	comp=Z,320nm,6.0s	pmx	pmx						
QRZ	Quartz Range	58.31	131	P	P	18 49 22.6 +2.5			
QRZ	comp=Z,41nm,1.0s	IAMB	IAMB	18 49 33.3					
QRZ	comp=Z,41nm,1.0s	IAMS_20	IAMS_20	19 12 00.8					
LTZ	Lake Taylor	58.58	133	P	P	18 49 22.6 +0.6			
MRZ	Matariki Terra	58.61	132	P	P	18 49 22.9 +0.8			
THZ	Topohuse	58.80	132	IAMB	IAMB	18 49 25.0 +1.4			
THZ	comp=Z,26nm,1.0s	IAMB	IAMB	19 09 12.9					
MSEY	Mahe Island	58.83	272	IAMS_20	IAMS_20	19 09 12.9			
MSEY	comp=Z,736nm,19.0s	P	P						
MSEY	Nelson	58.83	272	P	P	18 49 23.3 -0.9			
MSEY	comp=Z,14nm,0.9s,baz=170,slow=5.6,SNR=63	P	P	18 49 26.7 +1.6					
NNZ	comp=Z,83nm,1.6s	IAMB	IAMB	18 49 37.5					
KHZ	Kahutara	59.40	133	P	IAMB	18 49 27.6 0.0			
KHZ	comp=Z,74nm,1.6s	IAMB	IAMB	18 49 46.2					
ERM	Erimo	59.51	24	P	P	18 49 27.8 -0.5			
ERM	comp=Z,42nm,0.9s	IAMB	IAMB	18 49 46.2					
ERM	Erimo	59.51	24	P	pmx	18 49 27.8 -0.5			
ERM	comp=Z,42nm,0.9s	pmx	pmx						
ULN	Ulaanbaatar	59.63	354	P	IAMB	18 49 28.6 -0.6			
ULN	comp=Z,23nm,0.8s	IAMB	IAMB	18 49 41.0					
ULN	Ulaanbaatar	59.63	354	P	pmx	18 49 28.6 -0.6			
ULN	comp=Z,23nm,0.8s	pmx	pmx						
ULN	Ulaanbaatar	59.63	354	P	P	18 49 28.8 -0.3			
ULN	comp=Z,23nm,0.8s	P	P	18 49 28.8 -0.3					
ULN	Ulaanbaatar	59.63	354	P	P	18 49 29.1 -0.3			
ULN	comp=Z,14nm,0.9s,baz=170,slow=5.6,SNR=63	P	P	18 49 29.1 -0.4					
ULN	comp=Z,14nm,0.9s	P	P	18 49 29.1 -0.4					
SOMN	Songino Array	59.67	354	P	P	18 49 29.0 -0.4			
SOMN	comp=Z,34nm,1.0s	IAMB	IAMB	18 49 34.5					
NIL	Nilore	59.81	320	P	IAMB	18 49 28.8 -1.8			
NIL	comp=Z,61nm,1.1s	IAMB	IAMB	18 50 02.1					
NIL	Nilore	59.81	320	P	pmx	18 49 28.8 -1.8			
NIL	comp=Z,61nm,1.1s	pmx	pmx						
NIL	Nilore	59.81	320	P	P	18 49 29.2 -1.4			
NIL	comp=Z,61nm,1.2s	P	P	18 49 29.2 -1.4					
TEY	Ternei	59.84	181	eP	pmx	18 49 30.0 -0.4			
TEY	comp=Z,20nm,1.0s	pmx	pmx						
WMO	Urumqi	60.40	338	eP	P	18 49 34.3 -0.1			

HOQ	comp=Z,200nm,21.0s	66.04 302	P	P	18 50 12.7 +0.4	
HOQ	Hoqain	66.04 302	P	P	18 50 12.7 +0.4	
RBK	Rabkut	66.30 295	P	P	18 50 14.9 +0.9	
WHFO	Wadi Hawf	66.83 295	P	P	18 50 16.2 -1.3	
WHFO	Tymovskoe	66.88 19	eP	S	18 50 18.8 +1.8	
TYV	TYV		eS	S	18 59 15.9 +7.2	
TYV	comp=Z,13nm,1.3s		pmax	pmax		
SOHO	SOHO	66.92 303	P	P	18 50 16.9 -0.9	
ABTO	Aybut	67.05 295	P	P	18 50 18.4 -0.4	
ABTO	SNR=7.9		P	P	18 50 18.4 -0.4	
DZA	Taraz	67.15 327	eP	P	18 50 19.0 0.0	
DZA	baz=327					
TAS	Tashkent	67.23 325	P	P	18 50 18.1 -1.4	
TAS	Tashkent	67.23 325	P	P	18 50 18.1 -1.4	
TAS			pmax	pmax		
IUG	comp=Z,72nm,0.8s	67.36 326	eP	P	18 50 20.5 +0.1	
IUG	luzhnay		eS	S	18 59 17.0 +1.8	
IUG	baz=326					
IUG	luzhnay	67.36 326	eP	S	18 50 20.4 +0.1	
IUG			eS	S	18 59 16.9 +1.8	
ALNE	AI Ain	67.54 302	P	P	18 50 21.2 -0.6	
ALNE			P	P	18 50 21.2 -0.6	
UOSS	Minazif	67.54 303	P	P	18 50 21.2 -0.5	
UOSS			P	P	18 50 21.2 -0.5	
ASHO	Ashiyah	67.55 303	P	P	18 50 20.6 -1.2	
ASHO			P	P	18 50 20.6 -1.2	
HATD	Hatta, Dubai	67.55 303	P	P	18 50 21.4 -0.4	
HATD			P	P	18 50 21.4 -0.4	
CHM	Chimkent	67.71 325	eP	P	18 50 23.1 +0.5	
CHM	baz=325					
CHM	Chimkent	67.71 325	eP	P	18 50 23.0 +0.5	
KK31	Karatay Array	67.74 327	P	P	18 50 21.4 -1.2	
KK31	Karatay Array	67.74 327	P	P	18 50 21.4 -1.2	
KK31			pmax	pmax		
KKAR	Karatay Array	67.74 327	P	P	18 50 22.0 -0.6	
KKAR	Karatay Array	67.74 327	P	P	18 50 21.8 -0.9	
KKAR			Iamb	Iamb	18 51 21.6	
KKAR	comp=Z,11nm,1.0s	67.74 327	P	P	18 50 22.0 -0.6	
KKAR	Karatay Array	67.74 327	P	P	18 50 22.0 -0.6	
KKAR	Masafi	67.76 304	P	P	18 50 23.8 +0.6	
FAQ	AI Faqa, Dubai	67.96 303	P	P	18 50 23.9 -0.5	
FAQ			P	P	18 50 23.9 -0.5	
ASUD	AI Ashush, Dub	68.12 303	P	P	18 50 25.5 0.0	
MZWR	Madinat Zayed	68.98 301	P	P	18 50 30.6 -0.2	
KURBB	Kurchatov Arra	69.53 336	P	P	18 50 33.0 -0.5	
KURBB	comp=Z,4.8nm,0.8s,baz=151,slow=5.0,SNR=16		PP	PP	18 53 05.2 -2.4	
KURK	Kurchatov	69.56 337	P	Iamb	Iamb	18 50 33.7 -0.1
KURK	comp=Z,2.0nm,0.7s				18 50 56.0	
KURK	comp=Z,4.54nm,19.0s	69.56 337	I	IAMS_20	IAMS_20	19 25 06.5
KURK	Kurchatov	69.56 337	iP	pmax	pmax	18 50 32.9 -0.9
KURK	comp=Z,5.7nm,2.3s					
KURK	Kurchatov	69.56 337	P	P	18 50 34.2 +0.4	
KURK	KURK	69.56 337	P	P	18 50 34.2 +0.4	
GHWR	Ruwais	69.90 301	P	P	18 50 35.9 -0.5	
ZAAO	Zalesovo Array	70.07 342	P	P	18 50 36.2 -0.7	
ZALV	Zalesovo Beam	70.07 342	P	P	18 50 36.1 -0.8	
ZALV	comp=Z,5.7nm,0.6s,baz=150,slow=5.0,SNR=17		P	P	18 50 36.2 -0.7	
ZALV	comp=Z,1.0nm,0.8s,baz=316,slow=6.0,SNR=7.7		PP	PP	18 50 39.4 +1.9	
ZALV	comp=Z,2.78nm,18.9s,baz=160,slow=36		LR	LR	19 21 47.9	
ZALV	comp=Z,5.7nm,0.6s	70.07 342	P	P	18 50 35.9 -1.0	
VNDA	Vanda	70.09 170	P	P	18 50 37.8 +1.0	
VNDA	comp=Z,7.5nm,0.8s,baz=323,slow=5.7,SNR=15		LR	LR	19 18 29.8	
VNDA	comp=Z,604nm,21.6s,baz=334,slow=33		LR	LR		
VNDA	comp=Z,7.5nm,0.8s	70.09 170	P	P	18 50 37.1 +0.3	
SLWR	Sila	70.94 301	P	P	18 50 42.6 -0.2	
SLWR			P	P	18 50 42.6 -0.2	
BRZS	Berezinski	71.49 333	eP	P	18 50 45.9 +0.2	
BRZS	baz=333					
BRZS	Berezinski	71.49 333	eP	P	18 50 45.8 +0.2	
AFI	Afiamalau	71.58 101	LR	LR	19 21 05.1	
GEYT	Alibek	72.24 316	P	P	18 50 50.8 +0.4	
GEYT	comp=Z,12nm,0.8s,baz=160,slow=4.7,SNR=27		LR	LR	19 26 19.1	
GEYT	comp=Z,130nm,19.2s,baz=138,slow=39					
GEYT	comp=Z,12nm,0.8s	72.24 316	P	P	18 50 50.5 +0.1	
PEAOB	Petrovovskovsk	74.27 25	P	P	18 51 00.8 -1.2	
PEAOB	Petrovovskovsk	74.27 25	iP	P	18 51 01.8 -0.2	
PETK	Petrovovskovsk	74.27 25	P	P	18 51 02.1 +0.1	
PETK	comp=Z,9.3nm,1.1s,baz=182,slow=1.8,SNR=6.4		LR	LR	19 24 45.2	
PETK	comp=Z,156nm,20.7s,baz=228,slow=37					
PETK	comp=Z,9.3nm,1.1s	74.27 25	P	P	18 51 00.7 -1.4	
YAK	Yakutsk	74.40 7	P	P	18 51 01.7 -0.9	
YAK	comp=Z,6.6nm,0.5s,baz=165,slow=1.8,SNR=19		LR	LR	19 26 12.8	
YAK	Yakutsk	74.40 7	eP	P	18 51 01.2 -1.3	
YAK	Yakutsk	74.40 7	eP	S	18 51 02.2 -0.3	
YAK			e	e	18 51 09.4 +0.2	
YAK			e	e	18 51 18.9	
YAK			ePPP	PPP	18 53 43.5	
YAK			eS	S	19 00 35.0 -0.8	
YAK			eSS	SS	19 01 06.5	
YAK			eSSS	SSS	19 05 20.0 -2.6	
YAK			pmax	pmax	19 08 41.2	
YAK	comp=Z,48nm,1.1s					
YAK	comp=N,33nm,1.4s		pmax	pmax		
YAK	comp=E,16nm,1.2s		pmax	pmax		
YAK	comp=Z,215nm,6.2s		pmax	pmax		
YAK	comp=N,178nm,5.4s		pmax	pmax		
YAK	comp=E,80nm,5.1s		smax	smax		
YAK	comp=E,114nm,3.4s		smax	smax		
PET	Petrovovskovsk	74.61 26	eP	P	18 51 22.1 +1.8	
PET	comp=Z,57nm,1.0s		pmax	pmax		
PET	comp=Z,200nm,10.8s		pmax	pmax		
PET	comp=Z,500nm,19.0s		MLR	MLR		
BVAR	Borovoye Array	74.67 334	P	P	18 51 04.3 -0.1	
BVAR	comp=Z,5.8nm,0.8s,baz=134,slow=8.5,SNR=20					
BRVK	Borovoye	74.74 334	P	IAMS_20	IAMS_20	18 51 04.2 -0.5
BRVK	comp=Z,800nm,21.0s					
BRVK	Borovoye	74.74 334	iP	pmax	pmax	18 51 03.9 -0.9
BRVK	comp=Z,21nm,1.5s					
BRVK	Borovoye	74.74 334	P	P	18 51 04.4 -0.4	
BRVK			LR	LR	18 51 04.4 -0.4	
RAYN	Ar Rayn	76.03 298	P	Iamb	Iamb	18 51 12.3 -0.6
RAYN	comp=Z,53nm,1.2s					
RAYN	Ar Rayn	76.03 298	IAMS_20	IAMS_20	19 25 21.2	
RAYN	comp=Z,374nm,19.0s					
RAYN	Ar Rayn	76.03 298	P	pmax	pmax	18 51 12.3 -0.6

RAYN	comp=Z,53nm,1.3s		MLR	MLR		
RAYN	Ar Rayn	76.03 298	P	P	18 51 12.7 -0.2	
KIBK	Kibwezi	76.35 270	P	IAMS_20	IAMS_20	18 51 15.7 +0.6
KIBK	comp=Z,483nm,19.0s					
KIBK	Kibwezi	76.35 270	P	P	18 51 15.6 +0.6	
MA2	Magadan	76.72 18	P	P	18 51 15.0 -1.0	
MA2	comp=Z,9.4nm,1.0s,baz=211,slow=9.2,SNR=3.6					
MA2	Magadan	76.72 18	P	P	18 51 15.6 -0.4	
MA2	comp=Z,25nm,0.9s		Iamb	Iamb	18 51 35.6	
MA2	Magadan	76.72 18	iP	pmax	18 51 15.9 0.0	
MA2	comp=Z,13nm,1.2s					
AKBAR	Akbulaik array	77.30 327	P	P	18 51 19.2 -0.3	
AKBAR	Akbulaik array	77.30 327	P	P	18 51 19.3 -0.1	
AKBAR			Iamb	Iamb	18 51 21.4	
KMBO	Kiliima Mbogo	77.37 271	P	P	18 51 20.6 -0.4	
KMBO	comp=Z,0.1nm,0.5s,baz=345,slow=24,SNR=4.7					
KMBO	Kiliima Mbogo	77.37 271	IAMS_20	IAMS_20	19 20 34.2	
KMBO	comp=Z,556nm,20.0s					
KMBO	Kiliima Mbogo	77.37 271	P	P	18 51 21.0 0.0	
KMBO	comp=Z,26nm,1.2s		pmax	pmax	18 51 21.0 0.0	
KMBO	comp=Z,600nm,20.0s		MLR	MLR		
KMBO	Kiliima Mbogo	77.37 271	P	P	18 51 22.0 +1.0	
KMBO	comp=Z,12nm,1.1s,baz=254,slow=4.8,SNR=15					
QSPA	South Pole Qui	78.36 180	LR	LR	19 25 10.9	
QSPA	comp=Z,225nm,19.1s,baz=338,slow=35					
AKTO	Aktuybinsk	79.00 327	P	P	18 51 28.8 0.0	
AKTO	comp=Z,3.1nm,1.2s,baz=117,slow=4.2,SNR=20		LR	LR	19 30 52.6	
AKTO	comp=Z,204nm,19.9s,baz=90,slow=39					
SEY	Seymchan	79.88 17	P	P	18 51 33.4 0.0	
SEY	comp=Z,12nm,1.1s,baz=254,slow=4.8,SNR=15					
SEY	Seymchan	79.88 17	iP	pmax	18 51 33.2 -0.1	
SEY	comp=Z,26nm,1.3s					
LODK	Lodwar	80.16 276	P	IAMS_20	IAMS_20	18 51 37.1 +1.0
LODK	comp=Z,303nm,19.0s					
LODK	Lodwar	80.16 276	P	P	18 51 37.2 +1.1	
LODK	SNR=8.6					
AKT	Akhty	80.97 316	eP	P	18 51 40.7 +0.8	
AKT			e	e	18 51 47.0	
SVE	Sverdlovsk	81.41 333	eP	pmax	18 51 42.2 +0.5	
SVE	comp=Z,45nm,1.5s					
SHEM	Shemya Is, Ala	81.78 32	LR	LR	19 25 57.0	
RAR	Rarotonga	81.85 110	LR	LR	19 25 60.0	
RAR	comp=Z,7.9nm,21.1s,baz=225,slow=44					
ARU	Arti	82.11 332	P	P	18 51 44.8 -0.6	
ARU	comp=Z,12nm,0.8s,baz=143,slow=3.5,SNR=20					
ARU	Arti	82.11 332	P	Iamb	Iamb	18 51 45.1 -0.2
ARU	comp=Z,12nm,0.8s					
ARU	Arti	82.11 332	dIP	P	18 51 44.5 -0.9	
ARU					18 54 48.9	
ARU			S	S	19 02 05.8 +1.5	
ARU			SS	SS	19 07 18.4 -0.6	
ARU	comp=Z,50nm,1.3s					
GNI	Garni	82.54 313	P	P	18 51 48.8 +0.6	
GNI	comp=Z,16nm,1.0s,baz=187,slow=3.9,SNR=14		PP	PP	18 54 56.9 -1.0	
GNI	comp=Z,15nm,1.1s,baz=98,slow=5.5,SNR=3.9		LR	LR	19 31 32.4	
GNI	comp=Z,124nm,21.6s,baz=93,slow=38					
GNI	Garni	82.54 313	P	Iamb	Iamb	18 51 48.4 +0.1
GNI	comp=Z,16nm,1.0s				18 51 51.9	
GNI	Garni	82.54 313	iP	pmax	18 51 47.9 -0.4	
GNI	comp=Z,12nm,0.8s					
GROG	Groznyy	82.98 317	eP	eS	18 51 50.2 0.0	
GROG			eS	S	18 52 09.9 +1.4	
NRIK	Nori'sk	82.99 351	P	P	18 51 49.5 -0.2	
NRIK	comp=Z,20nm,1.0s,baz=142,slow=4.0,SNR=22					
NRIK	Nori'sk	82.99 351	P	Iamb	Iamb	18 51 49.5 -0.2
NRIK	comp=Z,25nm,0.9s					
NRIK	Nori'sk	82.99 351	P	pmax	18 51 49.5 -0.2	
NRIK	comp=Z,25nm,1.0s					
NVL	N'vazarevskaya	83.25 199	eP	pmax	18 51 51.5 +0.3	
NVL	comp=Z,19nm,1.1s					
TIXI	Tiksi	83.66 5	P	P	18 51 52.4 -0.7	
TIXI	comp=Z,7.0nm,0.8s,baz=90,slow=24,SNR=16		LR	LR	19 31 24.3	
TIXI	comp=Z,210nm,21.9s,baz=359,slow=37					
TIXI	Tiksi	83.66 5	P	Iamb	Iamb	18 51 52.5 -0.6
TIXI	comp=Z,34nm,0.9s					
TIXI	Tiksi	83.66 5	P	pmax	pmax	18 51 52.5 -0.6
TIXI	comp=Z,34nm,0.9s					
MBAR	Mbarara	83.86 271	P	P	18 51 55.9 +0.3	
MBAR	comp=Z,16nm,0.9s,baz=113,slow=6.8,SNR=12		LR	LR	19 26 57.5	
MBAR	Mbarara	83.86 271	P	P	18 51 54.2 -1.4	
MBAR	comp=Z,16nm,0.9s					
MBAR	Mbarara	83.86 271	P	Iamb	Iamb	18 51 58.8
MBAR	comp=Z,42nm,1.3s					
MBAR	Mbarara	83.86 271	iP	pmax	18 51 56.2 +0.5	
MBAR	comp=Z,16nm,1.0s					
MBAR	Mbarara	83.86 271	P	P	18 51 56.4 +0.7	
KARS	Kars	83.90 313	P	P	18 51 56.7 +1.5	
KARS	Kars	83.93 311	P	P	18 51 56.5 +1.1	
GURO	Guroymak-BITLI	83.94 242	P	P	18 51 56.0 +0.2	
BOSA	Boshof	83.94 242	P	Iamb	Iamb	18 51 56.1 +0.4
BOSA						

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like MT03 Universidad Ad, PEL Peidehue, MT10 Hacienda Santa, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like IVRN Varamin, BANOM Banah, TPRV Parvadeh(Tabas), etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like 5C-20, Northern Xinjiang, ZSN Zaisan, MK31 Makanchi Array, etc.

IDC 16 18:42:53.71, 1.29:57N:51.55E, h0km, mb3.9/17, mbtmp3.9/22, ML3.5/4, Error ellipse: s-maj=23.8km s-min=15.1km az=3.0

TEH 16 18:42:54.0, 29.64N:51.50E, h14km, 11km, ML4.0 ISN 16 18:42:54.0, 1.0:23:30N:51.41E, h11km, 23km, ML4.0

ISN 16 18:42:56.2, 0.8:29:59N:0.04:51.58E:0.04, h16km, 5km, n121, r1554/128, mb4.2/29, 3C-11D, Southern Iran

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like KAZI Kazerun, AHBU AHram, SHI Shiraz, etc.

SOME 16 18:45:40.9, 46.47N:85.83E, h0km NINC 16 18:45:42.4, 2.5, 46.31N:85.79E, h4km, 11km, mb2.9, mp2.5, Error ellipse: s-maj=19.5km s-min=16.8km

ISN 16 18:45:39.6, 1.46:22N:0.1:86E:0.14, h10km, n7, r1507/6,

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BURAR Bucovina Array, BVAR BVAR, GZR Gura Zlata, etc.

IDC 16 19:00:38.6, 1.8, 7:35S:127.88E, h0km, mb3.6/1, mbtmp3.9/4, ML3.9/3, Error ellipse: s-maj=61.4km s-min=29.7km az=76.0, Banda Sea

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like SIJI Siorong, SIJU Siuru, WRA Warramunga Arr, etc.

IDC 16:19:10:23.2,2.8,35.17S;179.67W,h0km,mb4.1/2, mbtmp4.2/3,ML3.9/1,MS3.9/3,Error ellipse: s-maj=69.3km s-min=43.1km az=132.0

WEL 16:19:10:27.9,1.2,35.5S;23.17W,9W,3.1,h33km,M4.3/13, ML4.5/13,MLV4.3/13,Error ellipse: s-maj=0.0km s-min=0.0km az=126.0,confirmed

ISC 16:19:10:27.1,2.1,35.3S;0.179.4W,0.2,h41km,n42, 0.994/46,MS3.7/3,East of North Island

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

IDC 16:19:33:37.5,2.9,11.59S;115.37E,h0km,mb3.0/3, mbtmp3.1/3,Error ellipse: s-maj=138.3km s-min=30.1km az=45.0, South of Bali

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

WEL 16:19:37:00,35.55S;179.46W,h24km,ML4.8,Mw4.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^16 Nm; Mn=0.23; Mw=1.20; Mw=0.97; Mw=0.14; Mw=0.79; Ms=0.44; Fault plane solution: Mo1.43000/1016 NP1: 0.209,000000, 875,000000, -164,000000. NP2: 0.115,000000, 875,000000, -16,000000. Principal axes: T 1455.1700, Plg0.0000, Azm342.0000; N -1403.2300, Plg9.0000, Azm252.0000; P -51.9400, Plg21.0000, Azm72.0000

WEL 16:19:37:32.8,1.1,36.3S;10.17W,9W,1.2,h33km,M4.8/26, mb5.1/3,ML5.0/25,MLV4.9/26,Mw(MB)4.4/3, Error ellipse: s-maj=0.0km s-min=0.0km az=122.5,confirmed

NEIC 16:19:37:32.6,2.0,35.4S;0.179.6W,0.1,h35km,1km, mb5.0/24,Error ellipse: s-maj=20.8km s-min=14.5km az=129.0

IDC 16:19:37:34.9,1.5,35.4S;179.75W,h58km,11km,mb4.2/11, mbtmp4.4/15,MS4.0/21, Error ellipse: s-maj=17.7km s-min=13.4km az=152.0

ISC 16:19:37:30.5,0.6,35.39S;0.06,179.53W,0.06,h27km,3km, h28km,pP-1,n195,r1970/185,mb4.9/31,MS4.0/20, East of North Island

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their coordinates.

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

NEIC 16:19:39:15.6,2.8,4.67N;0.06,82.62W,0.04,h10km,1km, mb4.4/29, Error ellipse: s-maj=11.0km s-min=6.7km az=160.0

IDC 16:19:39:17.6,3.0,4.96N;82.78W,h0km,mb3.6/5, mbtmp3.8/7,ML3.0/2,MS3.8/12, Error ellipse: s-maj=7.1km s-min=27.4km az=23.0

GCMT 16:19:39:18.0,3.0,4.73N;0.02,82.69W,0.03,h35km,1km, MW5.0/92, Moment Tensor Solution. s18,c22; s92,c109; Duration: 0 Moment tensor: Scale 10^16Nm; Mo1.11+26; Mo0.123; 19; Mo0.12; 24; Mo0.08; 16; Mo3.91+14; Ms=0.45; 18. Best double couple: Ms3.9100x1016 NP1: 0.359,000000, 888,000000, 1.73,000000. NP2: 0.89,000000, 883,000000, 1.2,000000. Principal axes: T 3.8960, Plg6.0000, Azm314.0000; N 0.0890, Plg83.0000, Azm165.0000; P -3.9850, Plg3.0000, Azm44.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAPC Malpelo, AZU Azuero, JIME Puerto Jimenez, BRU2 Volcan, TUMC Tumaco, EDDO Dominical, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like U15A San Rafael Swe, SRU SRO, PFO Pinyon Flats O, RSSD Black Hills, etc.

HVO 16 19:43:34.6 ± 1.6, 18.72N; 0.05:155.22W; 0.04, h16km, 3km, ML2.4/10, ML2.6/39(NEIC), Error ellipse: s-maj=8.2km, s-min=4.4km az=155.

NEIC 16 19:43:34.0 ± 0.4, 18.89N; 0.07:155.30W; 0.03, h52km, 4km, Error ellipse: s-maj=9.8km s-min=3.8km az=165.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HVC Honuapu, HTP Hot Caves, HILP Hilina Pali, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KHLU Kahalu'u, IDC 16 19:52:06.2 ± 2.5, 5.17N; 123.07E, h0km, mb3.3/3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like T1218 Civita (PG), T1218, T1218, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ROM 16 20:53:00.6 ± 0.1, 42.624N; 0.004:13.373E; 0.004, h9km, ML0.9/4, 3C, Error ellipse: s-maj=0.4km, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 16 21:12:07.9 ± 1.0, 8.12S; 161.04E, h0km, mb4.2/9, etc.

16d 21h

n61.0564/108,Taiwan region

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Rows include stations like EGS, EOS2, TWB1, TWC, TWP, TWPB, SX11, NDS, EWUT, TWE, ENA, FUSB, ENTT, TWA, YM01, ANP, YHNB, ETL, NSK, NACB, TWS1, NNSB, NNS, ETLH, TWD, NFF, WHF, TWT, TDCB, LIQB, NLIB, NSTT, ESL, CHGB, OWD, WUSB, WHP, EGPH, IRIF, NMLH, WCS, TWQ1, WVDT, HGSD.

2017 MAR

Table with columns: HGSD, Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Rows include stations like EHY, SMLT, SMLT, SSSLB, TYC, TYC, JKRS, WHYT, WHYT, JJU, ALS, JISG, CHNS, EHD, ELDTW, EDH, CHN4, TPUB, LDUT.

ROM 16 21:50:21.1±0.0,42.937N;0.002;13.022E;0.004, h11km,ML1.3/7,1C-1D,Error ellipse: s-maj=0.3km s-min=0.2km az=288.0,Central Italy

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Rows include stations like T1216, T1216, T1216, T1216, CESI, CESI, CESI, T1219, T1219, T1219, MC2, T1245, T1245, T1256, T1256, T1256, T1220, T1220, T1220, T1212, T1212, T1214, MMO1, T1217, T1218, ASSB, ASSB, T1241, SNTG, MOMA, ATCC, ATCC, ATCC, SMA1, SMA1, SMA1, ARRO, EL6, T1211, MURB, MURB, TERO, PIEI, PIEI, PIEI.

ROM 16 21:50:41.5±0.1,42.932N;0.002;13.021E;0.004, h10km,ML1.4/15,2C-5D,Error ellipse: s-maj=0.3km s-min=0.2km az=276.0,Central Italy

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Rows include stations like T1218, T1218, T1216, T1216, CESI, CESI, CESI, T1219, T1219, T1219, MC2, MC2, T1245, T1245, T1245.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Rows include stations like T1245, T1256, T1256, T1256, T1212, T1212, T1220, T1220, T1214, T1214, MMO1, MMO1, T1217, T1217, GUMA, GUMA, GUMA, T1218, T1218, ASSB, ASSB, ASSB, ASSB, T1241, T1241, T1241, T1241, SNTG, SNTG, SNTG, MOMA, MOMA, MOMA, MOMA, ATCC, ATCC, ATCC, ATCC, SMA1, SMA1, SMA1, SMA1, ARRO, EL6, T1211, MURB, MURB, MURB, TERO, PIEI, PIEI, PIEI.

DJA 16 21:51:04.6±0.2,4.2'S;2.12'E;h144km;2km,M4.5/26, mB5.0/4,mb4.4/26,MLv4.6/13,Mw(mB)4.4/4 NEIC 16 21:51:04.1±1.7,4.13S;0.05;129.36E;0.07,h132km;7km, mb4.6/53,Error ellipse: s-maj=10.6km s-min=7.1km az=69.0

IDC 16 21:51:05.2±1.6,4.17S;129.47E,h147km;14km,mb3.7/12, mb(mB)4.3/16,MS2.8/1,Error ellipse: s-maj=21.5km s-min=10.8km az=75.0

ISC 16 21:51:05.0±0.3,4.18S;0.04;129.37E;0.04,h150km,n161, r134/171,mb4.5/41,Banda Sea

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Rows include stations like BNDI, BNDI, BNDI, MSAI, MSAI, AAI, AAI, NLAJ, FAKI, FAKI, FAKI, FAKI, SJIJ, SJIJ, LBMI, LBMI, LBMI, SANI, SANI, SANI, SAUI, SAUI, SAUI, TINTI, TINTI, TINTI, RKPI, RKPI, SOEI, SOEI, GTOI, GTOI, MRSI, MRSI, MTN, MTN, MTN, KDU, KDU, BKSI, BKSI, SMPI, SMPI, SPSI, SPSI, KAPI, KAPI, KAPI, BLSI, BLSI, KNRA, KNRA, KNRA, PLAI, PLAI, PLAI.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, m, s, ISC. Includes stations like MKAR Makanchi Array, MKAR Zalesovo Array, ZALV Zalesovo Beam, etc.

IDC 17 00:35:55.2-1.9, 6.38S, 129.10E, h0km, mb3.4/1, mbmp3.7/4, ML3.7/3, Error ellipse: s-maj=70.9km s-min=28.9km az=81.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, m, s, ISC. Includes stations like SIJI Sorong, WRA Warrangung Arr, WRA Warrangung Arr, etc.

IDC 17 00:35:55.4-1.0, 29.79N, 51.54E, h0km, mb3.6/16, mbmp3.7/22, ML3.5/6, MS3.5/2, Error ellipse: s-maj=21.0km s-min=16.2km az=161.0

ISN 17 00:35:56.8-0.9, 29.42N, 51.52E, h10km, ML3.8/3, Error ellipse: s-maj=11.2km s-min=11.1km, ML3.9

ISN 17 00:35:58.9-0.5, 29.67N, 51.44E, h10km, n98, e234/102, mb3.8/21, 11C, Southern Irian

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, m, s, ISC. Includes stations like KAZI Kazerun, AHBU AHRAM, SHI Shiraz, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, m, s, ISC. Includes stations like KLST Kelardasht, MZR Muzera, BSRN Basiran, etc.

IDC 17 00:44:18.0-0.3, 67.84N, 20.05E, h0km, ML1.7, Explosion

UPP 17 00:44:18.3-0.1, 67.83N, 20.21E, h0km, ML2.5, Suspected explosion

ISN 17 00:44:17.1-2.6, 77N, 0.03, 20.19E, h0km, n20, e1909/33, Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, m, s, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, GERES GERES Array B, etc.

HEL 17 00:44:18.0-0.3, 67.84N, 20.05E, h0km, ML1.7, Explosion

UPP 17 00:44:18.3-0.1, 67.83N, 20.21E, h0km, ML2.5, Suspected explosion

ISN 17 00:44:17.1-2.6, 77N, 0.03, 20.19E, h0km, n20, e1909/33, Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, m, s, ISC. Includes stations like KUA Kurraavaara, KOUV Salmi, LUNU Dundred, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, m, s, ISC. Includes stations like DDA 17 01:09:48.9-0.0, 36.77N, 31.62E, h76km, ML2.6, etc.

IDC 17 01:09:49.1, 36.84N, 31.62E, h87km, ML3.1/36, Error ellipse: s-maj=12.4km s-min=12.4km az=107.0

NIC 17 01:09:51.4-0.0, 36.68N, 31.76E, h40km, 58km, M13/2, Error ellipse: s-maj=12.4km s-min=12.4km az=107.0

ISC 17 01:09:49.9-0.3, 36.79N, 31.72E, h76km, 6km, n86, e1976/130, mb3.4/3, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, m, s, ISC. Includes stations like KEPZ Antalya-Kepez, SEVD Seydisehir-Konak, HDMB Hadim, etc.

17d 1h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NATA, FETHIYE, ATHALASSA, etc.

2017 MAR

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1212 Cascia, M101 Montemonaco, etc.

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

Table with columns: KIW, Kapiti Island, 2.24 40 P, Pn, 01 47 41.6 0.0, etc.

SOME 17 01:49:05.9, 41.22N, 82.65E, h10km
NCC 17 01:49:01.9, 1.3970N, 80.69E, h0km, mb3.2, mpv2.9,
4C, Error ellipse: s-maj=80.4km s-min=62.7km az=54.0,
Southern Xinjiang

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

NEIC 17 01:51:33.6:1.5, 14.9S:0.1x177.6W:0.1, h35km, 7km,
mb4.3/19, Error ellipse: s-maj=16.2km s-min=13.1km
az=146.0

IDC 17 01:51:35.7:1.5, 15.05Sx177.67W, h374km, 16km,
mb3.4/13, mbtmp4.2/15, Error ellipse: s-maj=17.8km
s-min=16.2km az=126.0

NOU 17 01:51:37.1, 15.11S:177.55W, h362km, mb4.5/20, Fiji
Islands Region

ISC 17 01:51:35.2:0.4, 14.93S:0.08:177.61W:0.07, h372km,
n72, c152/73, mb4.1/23, Fiji Islands region

Main table for station data on the left side, including stations like FUTU, TAVE, LKBA, etc.

Table with columns: CCB, Indian Mountain, 82.63 10 P, P, 02 03 17.9 +0.6, etc.

MDD 17 01:55:44.6:0.3, 36.92N:5.56W, h11km, mb_Lg2.6/12,
Error ellipse: s-maj=3.1km s-min=1.4km az=3.0

IGIL 17 01:55:45.6, 36.89N:5.57W, h11km, ML2.2

INMG 17 01:55:45.7, 1.9, 36.89N:5.55W, h18km, 4km, ML2.3, Error
ellipse: s-maj=3.1km s-min=2.4km az=14.0

SFS 17 01:55:46.1, 36.82N:5.64W, h21km, ML2.7/13, ML2.8/9,
ML2.7/13

CNRM 17 01:55:47.2, 36.42N:6.11W, h131km, ml2.7,
ISC 17 01:55:45.2:1.1, 36.85N:0.02:5.55W:0.02, h28km, 12km,
n59, c159/121, 2C, Strait of Gibraltar

Main table for station data in the middle, including stations like EMIJ, Mijas, ARNO, etc.

Main table for station data on the right side, including stations like PFVI, Vila Bisbo, etc.

TAP 17 01:58:11.7, 24.01N:122.69E, h37km, ML2.6, D
JMA 17 01:58:12.4:0.2, 24.1N:0.8:122.3E, h38km, MV2.1/8, NW
OFF ISHIGAKUJIMA IS

ISC 17 01:58:10.3:1.1, 23.95N:0.04:122.65E:0.02, h17km, 9km,
n43, c055/65, Taiwan region

Main table for station data on the right side, including stations like EOSA, E054, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Rows include KHZ Kahutara, TGRZ Tauranga, RIGZ Rimuhau, etc.

IDC 17 02:25:28.2, 3.7, 7.68S, 160.31E, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=86.1km s-min=28.4km

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Rows include HNR Honiara, H11S2 WAKE ISLAND Hy 26.76, etc.

WEL 17 02:30:16.5, 0.9, 42.5, 3x17.4E, h5km, M2.3/7, ML2.4/6, MLv2.3/7, Error ellipse: s-maj=0.0km s-min=0.0km az=106.9, confirmed, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Rows include BSWZ Blackbirch Sta, CMWZ Cape Campbell, KHZ Kahutara, etc.

ROM 17 02:40:59.2, 0.1, 42.847N, 0.006:13.085E, 0.007, h11km, ML0.9/2, 1C-2D, Error ellipse: s-maj=0.8km s-min=0.4km az=323.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Rows include T1216 Preci, Frazion, T1216 Comp=E, 111um, 0.1s, etc.

ROM 17 02:41:14.1, 0.1, 42.759N, 0.003:13.147E, 0.005, h10km, ML1.3/6, 2C, Error ellipse: s-maj=0.4km s-min=0.3km az=292.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Rows include T1212 Cascia, Frazio, T1212 Comp=E, 176um, 0.1s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Rows include T1216 Poggiodomo (PG), MMO1 Montemonaco, T1241 Roccafluvione, etc.

ROM 17 02:41:58.3, 0.1, 42.875N, 0.003:13.233E, 0.004, h10km, ML1.1/9, 2D, Error ellipse: s-maj=0.3km s-min=0.1km az=226.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Rows include T1245 Castelsantange, T1245 Comp=E, 790um, 0.2s, T1245 Comp=N, 602um, 1.0s, etc.

IDC 17 02:44:26.0, 5.8, 25.30N, 122.114E, h270km, 35km, mb3.2/6, mbtmp3.9/7, Error ellipse: s-maj=114.1km s-min=28.6km az=13.0

JMA 17 02:44:30.2, 0.3, 25.1N, 3x12.2E, h254km, 3km, MV3.9/14, TAIWAN REGION

ISC 17 02:44:27.4, 1.0, 25.8N, 0.3:122.2E, 0.1, h254km, 26km, n17, 0:150/26, mb3.5/6, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Rows include YOJ Yonaguni jima, IRIF Iriomote-Funau, IRIF Ishigakijimahi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Rows include KURBB Kurchatov Arra, FINES FINES Array B, YKA Yellowknife Ar

HLW 17 02:48:30.6, 30.30N, 31.94E, h0km, 15km, Md2.1, Gll 17 02:48:31.1, 0.0, 30.45N, 31.89E, h8km, Mm2.8/4

ISC 17 02:48:29.5, 1.6, 30.43N, 0.07:31.84E, 0.09, h10km, n16, 0:15/25, Egypt

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Rows include KOT Kottamia, HHAG Hagoal, GLL Jalalah, SUZ Suez, etc.

WEL 17 02:55:03.0, 0.4, 40.5, 2x17.5E, h19km, 6km, M3.4/19, ML3.6/19, MLv3.4/19, Error ellipse: s-maj=0.0km s-min=0.0km az=78.4, confirmed

NOU 17 02:55:04.1, 0.4, 11.5S, 174.92E, h61km, MLv3.2/8, Cook Strait, New Zealand

ISC 17 02:55:03.4, 1.0, 40.10S, 0.02:174.96E, 0.02, h17km, 10km, n102, 0:08/113, Cook Strait

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Rows include WAZ Wanganui, WAZ Post Office Ro, POWZ Otaki Gorge, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include KHZ Kahutara, RIGZ Rimuhua, MWZ Matawai, etc.

ROM 17 02:57:26.1±0.1, 43.020N, 0°00'4.13.080E, 0.005, h2km, 1km, ML0.9/4, Error ellipse: s-maj=0.5km s-min=0.2km az=246.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include FDMO Fioridomonte, T1219 Muccia, T1219 Camerino, T1220 Gualdo di Mace, etc.

ROM 17 02:57:41.4±0.1, 41.469N, 0°00'4.1971E, 0.006, h13km, 1km, ML1.6/5, 1C-1D, Error ellipse: s-maj=0.6km s-min=0.3km az=157.0, Southern Italy

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include GATE Gambatesa, MOCO Biccari, SAGR S. Croce Del S, etc.

ROM 17 02:58:23.1±0.1, 42.814N, 0°00'3.13.171E, 0.003, h10km, ML1.0/2, Error ellipse: s-maj=0.3km s-min=0.1km az=141.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include T1245 Castelsantange, T1212 Cascia, T1216 Preci, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include T1217 Poggiodoro, ROM 17 02:59:10.8±0.0, 42.792N, 0°00'2.13.187E, 0.004, h11km, ML1.0/1, Error ellipse: s-maj=0.3km s-min=0.2km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include T1245 Castelsantange, T1245 comp=E, 105µm, 1.4s, T1245 comp=N, 152µm, 0.2s, etc.

SOME 17 03:04:14.3, 37.60N, 71°08'E, h0km NNC 17 03:04:19.9±3.9, 37.07N, 70.36E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=33.6km s-min=27.2km az=143.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include IUG Iuzhny, IUG Almayashu, KK31 Kararay Array, etc.

IDC 17 03:13:44.9±1.0, 12.96N, 143.64E, h141km, 9km, mb3.7/12, mbtmp4.1/13, Error ellipse: s-maj=23.1km s-min=12.3km az=110.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include GUMO Guam, GUMO comp=N, 33µm, 0.3s, etc.

IDC 17 04:01:52.0±4.0, 13.55S, 170.10E, h599km, 76km, mb3.4/4, mbtmp4.3/6, Error ellipse: s-maj=86.6km s-min=52.8km az=166.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include GATE GATE, WRA Warramunga Arr, ASAR Alice Springs, etc.

SNET 17 03:19:36.8±1.2, 14.02N, 89.98W, h5km, ML3.1 GCG 17 03:19:40.2±0.5, 14.13N, 89.88W, h16km, 3km, MD3.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include SLOZ Alcaldia de Sa, SLOZ Lomas de Alarc, NUBE Las Nubes, etc.

mbtmp3.9/8, MS3.2/9, Error ellipse: s-maj=37.2km s-min=17.7km az=118.0

ISC 17 03:33:31.9±0.8, 12.7N, 0°22.143.8E, 0.2, h27km, n25, 0°85/13, mb3.9/8, MS3.2/8, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include GUMO Guam, SIJL Sorong, H11S1 WAKE ISLAND Hy 22.80, etc.

IDC 17 04:01:52.1±2.5, 13.8S, 0°47.170.1E, 0.1, h600km, n6, 0°27/6, mb4.2/4, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include MSVF Nonsavu, DZM Mont Dzumac, CTA Charters Tower, etc.

TIF 17 04:08:02.4, 40°22'N, 45°95'E, h33km, 1km TEH 17 04:08:03.3, 40.21N, 45.91E, h7km, 4km, ML2.8

DRS 17 04:08:06.0±0.0, 40.06N, 45.77E, h24km ISC 17 04:08:01.3±1.3, 40.23N, 0°03.46E, 0.5, h9km, 14km, n32, 0°100/45, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include DDFL Dodoflistskaro, DGRG David-gareji, MAKU Maku, etc.

NIKH	Nikolski High baz=190	71.08	6	P	P	05 50 09.9	-1.3
KPJI	Karang Pucung comp=Z,42nm,0.5s	71.16	268	P	P	05 50 12.3	-0.3
CMJI	Cimeren comp=Z,82nm,1.3s	71.49	268	P	P	05 50 13.2	-1.3
SSLB	Suanglung	72.09	303	P	P	05 50 16.7	-1.2
TPUB	Ta-pu	72.11	303	P	P	05 50 17.1	-0.9
TPUB	Ta-pu	72.11	303	P	P	05 50 17.0	-0.9
UNV	Unalaska Vaile	72.21	7	P	I Amb	05 50 16.4	-1.3
UNV	comp=Z,15nm,0.7s Unalaska Vaile	72.21	7	P	P	05 50 16.3	-1.3
BBJI	Bungbulang	72.34	268	P	P	05 50 18.3	-1.2
KSM	Kuching	72.52	277	P	P	05 50 21.2	+0.7
CNJI	Cibinong	72.88	268	P	P	05 50 21.6	-0.9
SKJI	Sukabumi	73.51	268	P	P	05 50 25.4	-0.8
PEA0B	Petropavlovsk	73.63	345	P	I Amb	05 50 25.4	-0.5
PEA0B	comp=Z,28nm,0.8s Petropavlovsk	73.63	345	P	I Amb	05 50 26.3	
PETK	Petropavlovsk	73.63	345	P	P	05 50 25.6	-0.4
PETK	comp=Z,19nm,0.7s,baz=128,slow=7.3,SNR=21 Petropavlovsk	73.63	345	P	P	05 50 25.1	-0.8
PETK	comp=Z,19nm,0.7s Petropavlovsk	73.63	345	P	P	05 50 30.2	-1.2
CGJI	Cibinong	74.44	268	P	P	05 50 32.0	-1.2
KSR5	Korea Array	74.59	318	P	P	05 50 32.5	+0.8
KSR5	comp=Z,134nm,0.5s,comp=Z,21m Korea Array	74.59	318	P	P	05 50 32.5	+0.8
KASI	Kota Agung	75.89	269	P	P	05 50 38.8	-0.7
KASI	comp=Z,68nm,1.0s Kota Agung	75.89	269	P	P	05 50 38.8	-0.7
MDSI	Maura Dua	76.50	270	P	P	05 50 41.8	-1.1
USA0B	Ussuriysk Arra	76.52	326	P	P	05 50 42.9	+0.6
USRK	Ussuriysk Arr	76.52	326	P	P	05 50 43.1	+0.9
USRK	comp=Z,5.3nm,0.7s,baz=85,slow=4.8,SNR=10 Ussuriysk Arr	76.52	326	P	P	05 50 43.1	+0.9
SAO	San Andreas Ge	76.54	44	P	I Amb	05 50 43.6	+1.0
SAO	comp=Z,20nm,0.9s San Andreas Ge	76.54	44	P	I Amb	05 50 44.6	
PKM	Mcperson Peak	76.59	46	P	P	05 50 44.3	+1.2
PMPB	Monarch Peak	76.66	45	P	I Amb	05 50 44.3	+0.9
PMPB	comp=Z,28nm,1.2s Monarch Peak	76.66	45	P	I Amb	05 51 10.3	
KMRM	Mail Ridge	77.12	40	P	I Amb	05 50 47.1	+1.3
KMRM	comp=Z,28nm,0.9s Mail Ridge	77.12	40	P	I Amb	05 50 48.1	
R16K	Pilot Point	77.20	11	P	P	05 50 45.1	-0.6
R17K	Ugashik Creek	77.50	12	P	P	05 50 46.9	-0.4
VES	Vestal, Richgr	77.61	46	P	P	05 50 49.1	+0.6
MURC	Murrieta	77.75	49	P	P	05 50 49.8	+0.6
BFSC	Mount Baldy Ra	77.75	48	P	P	05 50 49.9	+0.5
OHAK	Old Harbor	77.77	14	P	P	05 50 48.8	+0.1
NJ2	Nanjing	77.81	310	eP	P	05 50 49.9	+0.4
NJ2	comp=Z,15nm,0.5s Nanjing	77.81	310	eP	P	05 50 51.8	+1.0
ESJX	Sierra Juarez	77.84	51	P	P	05 50 51.0	+1.1
EDW2	Edwards Air Fo	77.85	47	P	P	05 50 50.7	+0.8
ISA	Isabella, Lake	77.94	46	P	P	05 50 51.2	+0.9
MONP2	Monument Peak	77.94	50	P	P	05 50 51.4	+0.9
IKP	In-Ko-Pah, Jac	78.05	50	P	P	05 50 52.1	+1.2
MDJ	Mudanjiang	78.09	325	ScS	ScS	06 00 18.3	-1.7
MDJ	comp=Z,32nm,0.9s Mudanjiang	78.09	325	ScS	ScS	05 50 51.4	+0.6
MDJ	comp=Z,40nm,1.1s Mudanjiang	78.09	325	pmax	pmax	05 50 51.9	+1.1
MDJ	comp=Z,44nm,1.3s Mudanjiang	78.09	325	pmax	pmax	05 50 51.8	+1.0
MDJ	comp=Z,44nm,1.3s Mudanjiang	78.09	325	P	P	05 50 58.8	+0.9
MDJ	comp=Z,44nm,1.3s Mudanjiang	78.09	325	P	P	05 50 58.8	+0.9
MDJ	comp=Z,44nm,1.3s Mudanjiang	78.09	325	pP	pP	05 53 00.3	+1.4
MDJ	comp=Z,44nm,1.3s Mudanjiang	78.09	325	PP	PP	05 54 05.6	+8.0
Q17K	Contact Creek	78.17	12	P	P	05 50 50.2	-0.9
YUH	Yuha Desert	78.18	50	P	P	05 50 52.4	+0.9
PFO	Pinyon Flats O	78.28	49	P	P	05 50 52.1	-0.1
TPFO	Pinon Flats	78.28	49	P	P	05 50 52.4	+0.1
LRMC	Laurel Mtn Rad	78.38	47	P	P	05 50 53.6	+0.8
SWSC	Sam W Stewart	78.42	50	P	P	05 50 53.6	+0.8
KDAK	Kodiak Island	78.44	14	P	P	05 50 52.3	0.0
KDAK	comp=Z,68nm,1.2s Kodiak Island	78.44	14	P	I Amb	05 50 54.4	
KDAK	comp=Z,68nm,1.2s Kodiak Island	78.44	14	P	P	05 50 52.6	+0.3
P16K	Nushagak River	78.50	11	P	P	05 50 51.8	-0.8
MDPB	Devils Postpil	78.59	44	P	P	05 50 54.4	+0.4
CWC	Cottonwood Cre	78.62	46	P	P	05 50 54.2	+0.1
YB	Yreka Blue Hor	78.63	39	P	P	05 50 54.8	+0.9
OMMB	Old Mammoth Hi	78.63	44	P	P	05 50 55.3	+1.0
SL6K	Sierra Lagu	78.70	61	P	P	05 50 51.7	0.0
Q18K	Katmai Hardscr	78.71	12	P	P	05 50 53.1	-0.8
BELC	Belle Mtn, Jos	78.81	49	P	P	05 50 55.8	+0.8
MPMC	Manual Prospec	78.82	46	P	P	05 50 55.9	+0.8
WAKR	Walker	78.83	43	P	P	05 50 56.4	+1.2
TIN	Tinemaha, Big	78.85	45	P	P	05 50 55.9	+0.7
MPK	Martis Peak	78.89	42	P	P	05 50 56.5	+0.9
MPK	comp=Z,20nm,0.6s Martis Peak	78.89	42	I Amb	I Amb	05 50 57.1	
G3C	Goldstone, Bar	78.90	47	P	P	05 50 56.0	+0.5
HEC	Hector,Ludlow	78.99	48	P	P	05 50 56.0	+0.1
HUMO	Hull Mountain	79.00	38	P	P	05 50 56.8	+1.0
O16K	Kokwok River B	79.01	10	P	P	05 50 53.8	-1.5
BC3	Big Chuckawack	79.02	49	P	P	05 50 57.1	+0.9
GLA	Glamis	79.18	50	P	P	05 50 58.5	+1.5
DSP	Deep Springs	79.19	45	P	P	05 50 57.6	+0.8
P18K	Big Mountain,	79.35	12	P	I Amb	05 50 56.1	-1.1
P18K	comp=Z,39nm,0.8s Big Mountain,	79.35	12	P	I Amb	05 50 57.3	
P18K	comp=Z,39nm,0.8s Big Mountain,	79.35	12	P	P	05 50 56.4	-0.8
O17K	Koliganek Bris	79.36	11	P	P	05 50 56.6	-0.5
GRAC	Grapevine Rang	79.40	46	P	P	05 50 58.8	+0.7
GMRC	Granite Mounta	79.44	48	P	P	05 50 59.2	+0.8
FURC	Furnace Creek,	79.47	46	P	P	05 50 59.2	+0.9
IRUM	Iron Mountain	79.50	49	P	P	05 50 59.6	+1.0
NVAR	Mina Array Bea	79.54	44	P	P	05 50 59.8	+0.8
NVAR	comp=Z,8.6nm,0.8s,baz=225,slow=8.9,SNR=68 Mina Array Bea	79.54	44	P	P	05 50 59.8	+0.8
NVAR	comp=Z,8.6nm,0.8s Mina Array Bea	79.54	44	P	P	05 50 58.9	0.0
SHOC	Shoshone, Teco	79.58	47	P	P	05 50 59.8	+0.8
TUQ	Turquoise Moun	79.59	48	P	P	05 50 60.0	+0.8
N16K	Nishlik Lake	79.73	10	P	P	05 50 59.5	+0.3
O18K	Koktuh Hills	79.78	12	P	P	05 50 58.6	-0.9
O18K	comp=Z,203,SNR=7.6 Koktuh Hills	79.78	12	P	P	05 50 59.0	-0.5
CN2	Changchun	79.92	322	eP	pmax	05 50 59.9	-0.6
CN2	comp=Z,203,SNR=7.6 Changchun	79.92	322	eP	pmax	05 50 59.9	-0.6

KVN	Kaiserville	80.01	43	P	P	05 51 01.4	+0.1
TPNV	Topogh Spring	80.14	46	P	P	05 51 02.6	+0.5
214A	Oreg Pipe Nat	80.14	52	P	P	05 51 03.5	+1.4
NEE2	Needles Airpor	80.18	49	P	P	05 51 03.0	+0.9
SDSI	Sungai Dareh	80.18	272	P	P	05 51 02.2	-0.4
O19K	Port Galsworth	80.27	12	P	P	05 51 01.2	-0.8
PDMDI	Parker Dam,Lak	80.29	49	P	P	05 51 03.6	+0.9
ILSW	Ilamna Southw	80.32	13	P	I Amb	05 51 01.6	-0.7
ILSW	Ilamna Southw	80.32	13	P	I Amb	05 51 02.4	
J05D	Fort Rock, OR	80.42	39	P	P	05 51 04.0	+0.7
BRSE	Bradley Lake S	80.42	14	P	P	05 51 03.3	-0.5
N19K	Bonanza Creek	80.81	12	P	P	05 51 03.7	-1.2
PINE	Pine Mountain	80.89	38	P	I Amb	05 51 06.8	+1.0
PINE	comp=Z,20nm,0.9s Pine Mountain	80.89	38	P	I Amb	05 51 08.0	
TIA	Tailan	81.12	312	eP	pmax	05 51 07.0	0.0
TIA	comp=Z,7.0nm,0.8s Tailan	81.12	312	eP	pmax	05 51 07.0	0.0
PRN	Pahroc Range	81.19	46	P	I Amb	05 51 08.5	+1.0
PRN	comp=Z,18nm,0.9s Pahroc Range	81.19	46	P	I Amb	05 51 09.8	
WVOR	Wild Horse Val	81.51	40	P	I Amb	05 51 09.5	+0.5
WVOR	comp=Z,22nm,1.1s Wild Horse Val	81.51	40	P	I Amb	05 51 10.9	
Q22K	Cooper Landing	81.52	14	P	P	05 51 07.8	-0.6
SPCR	Spurr Chackacha	81.62	13	P	P	05 51 07.9	-1.1
TUC	Tucson	81.83	52	P	P	05 51 12.3	+1.6
M19K	Big River Lodg	81.83	11	P	P	05 51 09.4	-0.7
I07A	Izeze	81.91	39	P	I Amb	05 51 11.7	+0.8
I07A	comp=Z,14nm,0.8s Izeze	81.91	39	P	I Amb	05 51 12.8	
L19K	White Mountain	82.01	11	P	P	05 51 10.9	0.0
M20K	Styler Glacier	82.06	12	P	P	05 51 10.9	-0.3
RC01	Rabbit Creek A	82.06	14	P	P	05 51 10.6	-0.5
SUA	Susitna One	82.17	13	P	P	05 51 11.0	-0.8
PWL	Port Wells	82.18	14	P	I Amb	05 51 10.6	-1.1
PWL	comp=Z,23nm,0.7s Port Wells	82.18	14	P	I Amb	05 51 11.5	
PWL	comp=Z,23nm,0.7s Port Wells	82.18	14	P	P	05 51 10.7	-1.1
IPM	Iloh	82.25	277	P	P	05 51 13.8	+0.5
L20K	Farewell, AK	82.46	11	P	P	05 51 12.4	-0.8
SKT	Skwentna	82.47	13	P	P	05 51 11.7	-1.5
TTA	Tatalina	82.50	10	P	P	05 51 13.7	+0.3
TTA	comp=Z,23nm,1.0s Tatalina	82.50	10	P	P	05 51 13.4	-0.1
KNK	Knik Glacier	82.63	14	P	I Amb	05 51 13.2	-0.8
KNK	comp=Z,16nm,0.7s Knik Glacier	82.63	14	P	I Amb	05 51 14.4	
KNK	comp=Z,16nm,0.7s Knik Glacier	82.63	14	P	P	05 51 13.4	-0.7
PMR	Palmer	82.64	14	P	I Amb	05 51 13.5	-0.5
PMR	comp=Z,9.4nm,0.6s Palmer	82.64	14	P	I Amb	05 51 14.1	
U15A	North Rim	82.64	48	P	I Amb	05 51 16.1	+1.1
U15A	comp=Z,21nm,0.8s North Rim	82.64	48	P	I Amb	05 51 17.4	
HEH	HeiHe	82.82	328	eP	pmax	05 51 15.3	+0.1
HEH	comp=Z,11nm,0.5s HeiHe	82.82	328	eP	pmax	05 51 15.3	+0.1
HEH	comp=Z,150nm,3.9s HeiHe	82.82	328	eP	pmax	05 51 15.3	+0.1
ANM	Nome	82.83	6	P	P	05 51 14.7	-0.3
WUAZ	Wupatki	82.87	49	P	P	05 51 17.2	+1.2
CUT	Chulitna	83.11	13	P	P	05 51 15.5	-0.9
M23K	Glacier View	83.14	14	P	P	05 51 15.6	-0.9
PPLA	Purkeypile	83.16	12	P	P	05 51 14.9	-2.0
K20K	Telida	83.23	11	P	I Amb	05 51 16.7	-0.4
K20K	comp=Z,22nm,0.8s Telida	83.23	11	P	I Amb	05 51 17.7	
K20K	comp=Z,22nm,0.8s Telida	83.23	11	P	P	05 51 16.7	-0.4
SCM	Sheep Creek Mo	83.27	14	P	P	05 51 16.7	-0.6
SCM	comp=Z,9.9nm,0.8s Sheep Creek Mo	83.27	14	P	P	05 51 17.6	-0.6
KLU	Klutina	83.31	15	P	P	05 51 17.3	-0.2
SKLT	Songkhla	83.50	280	P	P	05 51 20.9	+1.5
S32K	Killisnoo	83.52	22	P	P	05 51 19.0	+0.5
TNA	Tin City	83.60					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCHQ Schefferville, NVAR Mila Array Bea, RLMT Red Lodge, etc.

HVO 17 06:18:50.6:1.5, 19.382N, 0.008:155.281W:0.006, h2km, 2km, ML2.7/30, ML2.0/40(NEIC), Error ellipse: s-maj=1.3km s-min=0.8km az=189.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRMH West Rim, NPH North Pit, NPH North Pit, etc.

Table with columns: STCH, IAML, Time, Res. Includes stations like AIN Ainahou, NPOC North of Pu'u, JCUZ Jacuzzi, etc.

WEL 17 06:34:38.1±0.5, 42.52°S × 173°E, h5km, M1.9/2, ML2.3/4, ML1.9/2, Error ellipse: s-maj=0.0km s-min=0.0km az=75.5, Confirmed, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHZ Kahutara, THZ Topohouse, GYZ Greta Valley S, etc.

JMA 17 06:38:58.4±0.1, 28°N, 173°E, h52km, 1km, MV3.4/20, NE43 AMAMI-OISHIMA ISLAND, IDC 17 06:38:58.8, 1.1, 27.77N:128.70E, h60km, 12km, mb3.4/4, mbmp3.7/6, Error ellipse: s-maj=49.3km s-min=11.6km az=107.0

ISC 17 06:38:58.1±0.9, 27.69N, 129.01E:0.05, h54km, 7km, n25, c085/32, mb3.7/4, Ryukyu Islands

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

IDC 17 06:55:03.6:2.3, 54.12N:86.39E, h0km, mbtmp3.1/2, ML2.7/2, Error ellipse: s-maj=18.8km s-min=11.3km az=60.0, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H6RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arr, etc.

BGR 17 06:57:07.5, 31.34N:132.23E, h33km, mb5.6, MOS 17 06:57:09.1±0.9, 30.37N:130.61E, h59km, mb5.3/49, Error ellipse: s-maj=6.8km s-min=3.9km az=113.6

NIED 17 06:57:10.5, 30.40N:130.57E, h60km, MW5.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^16N; Mr=0.52; Mw=1.06; Mb=0.54; Mw=0.33; Mw=2.38; Mw=2.00;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1212 Cascia, Frazio, T1214 Arqata del Tr, etc.

Table with columns: PP3 Marolino, VIVA Pratonelli, VIVA comp=E.373um, 0.3s, VIVA comp=N.438um, 0.4s

ROM 17 06:51:51.6±0.0, 42.910N:0.002:13.033E:0.003, h11km, ML1.2/9, 4C, Error ellipse: s-maj=0.2km s-min=0.2km az=72.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1216 Preci, Frazio, T1216 comp=N.987um, 0.3s, FEMMA Monte Fema, etc.

IDC 17 06:55:03.6:2.3, 54.12N:86.39E, h0km, mbtmp3.1/2, ML2.7/2, Error ellipse: s-maj=18.8km s-min=11.3km az=60.0, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H6RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arr, etc.

BGR 17 06:57:07.5, 31.34N:132.23E, h33km, mb5.6, MOS 17 06:57:09.1±0.9, 30.37N:130.61E, h59km, mb5.3/49, Error ellipse: s-maj=6.8km s-min=3.9km az=113.6

NIED 17 06:57:10.5, 30.40N:130.57E, h60km, MW5.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^16N; Mr=0.52; Mw=1.06; Mb=0.54; Mw=0.33; Mw=2.38; Mw=2.00;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1212 Cascia, Frazio, T1214 Arqata del Tr, etc.

IDC 17 06:57:11.4±1.2, 30°43'N, 130°53'E, h67km, 9km, mb.4.7/42,
 s-min=4.9/48, MS3.9/58, Error ellipse: s-maj=11.5km
 s-min=7.8km az=113.0
 BUJ 17 06:57:11.2±0.0, 30°38'N, 130°61'E, h83km, mb.5.0/78,
 mb5.0/55, Ms4.3/70, Ms7.4, 1/67
 NEIC 17 06:57:11.8±2.0, 30°44'N, 0°05:130°66'E, 0:09, h64km, 6km,
 mb5.2/75, Mw4.9/11, Error ellipse: s-maj=10.9km
 s-min=7.5km az=95.0, Moment Tensor Solution. Moment
 tensor: Scale 10¹⁸Nm; M_{rr}=1.40; M_{θθ}=0.34; M_{φφ}=1.07;
 M_{rr}-0.38; M_{θθ}-2.51; M_{φφ}-1.26; Fault plane solution:
 M3, 100000×10¹⁰; N₁, 184,26000⁰; S₁, 669,5000⁰;
 N₂, 142,70000⁰; N₃, 79,36000⁰; S₂, 40000⁰;
 1-25, 10000⁰; Principal axes: T 3.3484, P1g9, 0000⁰;
 Azm309, 0000⁰; N -0.5643, P1g48, 0000⁰; Azm209, 0000⁰;
 P -2.7841, P1g40, 0000⁰; Azm47, 0000⁰;
 ISC 17 06:57:11.5±0.3, 30°42'N, 0°03:130°59'E, 0:03, h67km, 2km,
 h66km; p-P, n914, r132/944, mb5.2/213, 38C-59D,
 Kyushu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
JYAK	Yakushimahirau	0.20	201	Op	Pn	06 57 19.8	-1.9
JYAK	Yakushimahirau	0.20	201	Op	Pn	06 57 26.3	-2.8
JYAK	Yakushimahirau	0.20	201	Op	Pn	06 57 19.8	-1.9
JMTN	Minamitane	0.27	96	S	Pn	06 57 20.4	-1.7
JMTN	Minamitane	0.27	96	S	Pn	06 57 20.4	-1.8
JMTN	Minamitane	0.27	96	S	Pn	06 57 20.4	-1.7
JKC	Kuchinoerabu	0.34	276	Op	Pn	06 57 20.8	-1.8
JKC	Kuchinoerabu	0.34	276	Op	Pn	06 57 20.8	-2.0
JKC	Kuchinoerabu	0.34	276	Op	Pn	06 57 20.8	-1.8
JTN	Tanegashima 3	0.41	56	Op	Pn	06 57 21.8	-1.4
JTN	Tanegashima 3	0.41	56	Op	Pn	06 57 30.2	-1.5
JTN	Tanegashima 3	0.41	56	Op	Pn	06 57 21.8	-1.4
JTSR	Tashiro 2	0.79	21	iP	Pn	06 57 26.2	-1.1
JTSR	Tashiro 2	0.79	21	iP	Pn	06 57 37.7	-1.2
JTSR	Tashiro 2	0.79	21	iP	Pn	06 57 26.2	-1.1
JNN	Nakanoshima	0.85	227	A	Pn	06 57 26.6	-1.4
JNN	Nakanoshima	0.85	227	A	Pn	06 57 26.6	-1.4
JNN	Nakanoshima	0.85	227	A	Pn	06 57 26.6	-1.4
JSU	Suzuyama	1.08	354	A	Pn	06 57 30.1	-0.9
JSU	Suzuyama	1.08	354	A	Pn	06 57 44.5	-1.0
JSU	Suzuyama	1.08	354	A	Pn	06 57 30.1	-0.9
JSU	Suzuyama	1.08	354	A	Pn	06 57 30.0	-0.9
JSU	Suzuyama	1.08	354	A	Pn	06 57 44.7	-0.7
JSU	Suzuyama	1.08	354	A	Pn	06 57 30.0	-0.9
JNAR	Kushima-Naru	1.25	28	iP	Pn	06 57 32.8	-0.2
JNAR	Kushima-Naru	1.25	28	iP	Pn	06 57 49.1	+0.1
JNAR	Kushima-Naru	1.25	28	iP	Pn	06 57 32.8	-0.2
JNKG	Nichinankitago	1.41	28	P	Pn	06 57 35.6	+0.5
JNKG	Nichinankitago	1.41	28	P	Pn	06 57 35.6	+0.5
JNKG	Nichinankitago	1.41	28	P	Pn	06 57 35.6	+0.5
JSJ	Shimokoshiki	1.46	329	iP	Pn	06 57 34.4	-1.7
JSJ	Shimokoshiki	1.46	329	iP	Pn	06 57 52.4	-1.7
JSJ	Shimokoshiki	1.46	329	iP	Pn	06 57 34.4	-1.7
JTZ	Takazaki	1.53	16	A	Pn	06 57 36.6	-0.2
JTZ	Takazaki	1.53	16	A	Pn	06 57 36.6	-0.2
JTZ	Takazaki	1.53	16	A	Pn	06 57 36.6	-0.2
JZO	Kuchinoerabu	1.71	0	A	Pn	06 57 39.0	-1.6
JTAJ	Tsuno	1.98	23	A	Pn	06 57 42.7	-1.4
JTSN	Hondo	2.07	349	A	Pn	06 57 44.0	-1.4
JHJ	Izumii	2.13	5	A	Pn	06 57 44.8	-1.4
JHJ	Izumii	2.13	5	A	Pn	06 57 44.8	-1.4
JHJ	Izumii	2.13	5	A	Pn	06 57 44.8	-1.4
JZK	Kikashima	2.17	195	A	Pn	06 57 44.7	-1.4
JZK	Kikashima	2.17	195	A	Pn	06 57 44.7	-1.4
JZK	Kikashima	2.17	195	A	Pn	06 57 44.7	-1.4
JAM	Amami Oshima	2.18	203	A	Pn	06 57 44.8	-1.4
JHHC	Hyugahichiyu	2.20	24	A	Pn	06 57 45.9	-1.4
JHHC	Hyugahichiyu	2.20	24	A	Pn	06 57 45.9	-1.4
JHHC	Hyugahichiyu	2.20	24	A	Pn	06 57 45.9	-1.4
NGSJ	Nagasakinomoto	2.30	343	A	Pn	06 57 47.2	-1.4
NGSJ	Nagasakinomoto	2.30	343	A	Pn	06 57 47.2	-1.4
NGSJ	Nagasakinomoto	2.30	343	A	Pn	06 57 47.2	-1.4
JKIT	Kitakata	2.31	18	A	Pn	06 57 47.5	-1.4
JAMN	Amaminishikomi	2.50	210	A	Pn	06 57 49.3	-1.4
JAMN	Amaminishikomi	2.50	210	A	Pn	06 57 49.3	-1.4
JAMN	Amaminishikomi	2.50	210	A	Pn	06 57 49.3	-1.4
JTA	Tamana	2.53	359	A	Pn	06 57 50.5	-1.4
JSKE	Saikikamae	2.62	25	A	Pn	06 57 51.7	-1.4
JSKE	Saikikamae	2.62	25	A	Pn	06 57 51.7	-1.4
JSKE	Saikikamae	2.62	25	A	Pn	06 57 51.7	-1.4
JNU	Nakatsue	2.70	5	P	Pn	06 57 53.5	+0.9
JNU	Nakatsue	2.70	5	P	Pn	06 58 24.2	0.0
JNU	Nakatsue	2.70	5	P	Pn	06 57 53.5	+0.9
JNU	Nakatsue	2.70	5	P	Pn	06 58 24.2	0.0
JNU	Nakatsue	2.70	5	P	Pn	06 57 53.3	+0.7
JNU	Nakatsue	2.70	5	P	Pn	06 57 54.3	+1.7
JNU	Nakatsue	2.70	5	P	Pn	06 57 53.3	+0.7
JUS	Usuki	2.81	20	A	Pn	06 57 54.5	-1.4
JBEP	Beppuamama	2.99	13	A	Pn	06 57 56.9	-1.4
JBEP	Beppuamama	2.99	13	A	Pn	06 57 56.9	-1.4
JBEP	Beppuamama	2.99	13	A	Pn	06 57 56.9	-1.4
JTK	Tokunoshima	3.00	209	A	Pn	06 57 56.3	-1.4
JTO	Tosashimizu	3.08	37	A	Pn	06 57 58.2	-1.4
JTO	Tosashimizu	3.08	37	A	Pn	06 57 58.2	-1.4
JTO	Tosashimizu	3.08	37	A	Pn	06 57 58.2	-1.4
UWA2	Uwa jima 2	3.28	31	A	Pn	06 58 01.0	-1.4
JKI	Kunimi	3.31	14	A	Pn	06 58 01.4	-1.4
JKI	Kunimi	3.31	14	A	Pn	06 58 01.4	-1.4
JKI	Kunimi	3.31	14	A	Pn	06 58 01.4	-1.4
JNA	Nagahama	3.51	27	A	Pn	06 58 04.4	-1.4
JNA	Nagahama	3.51	27	A	Pn	06 58 04.4	-1.4
JNA	Nagahama	3.51	27	A	Pn	06 58 04.4	-1.4
JOKE	Okinoerabujima	3.53	211	A	Pn	06 58 03.8	-1.4
JOKE	Okinoerabujima	3.53	211	A	Pn	06 58 03.8	-1.4
JOKE	Okinoerabujima	3.53	211	A	Pn	06 58 03.8	-1.4
JKU	Kubokawa	3.55	36	A	Pn	06 58 05.1	-1.4
JKU	Kubokawa	3.55	36	A	Pn	06 58 05.1	-1.4
JKU	Kubokawa	3.55	36	A	Pn	06 58 05.1	-1.4
JTY	Toyota	3.85	6	A	Pn	06 58 09.0	-1.4
JTY	Toyota	3.85	6	A	Pn	06 58 09.0	-1.4
JTY	Toyota	3.85	6	A	Pn	06 58 09.0	-1.4
JYRO	Yoronijima	3.87	210	A	Pn	06 58 08.6	-1.4
JYRO	Yoronijima	3.87	210	A	Pn	06 58 08.6	-1.4
JYRO	Yoronijima	3.87	210	A	Pn	06 58 08.6	-1.4
JET	Tanbara	3.94	31	A	Pn	06 58 10.4	-1.4
JET	Tanbara	3.94	31	A	Pn	06 58 10.4	-1.4
JET	Tanbara	3.94	31	A	Pn	06 58 10.4	-1.4
JHM	Kurahashi	4.05	23	A	Pn	06 58 11.9	-1.4
JHM	Kurahashi	4.05	23	A	Pn	06 58 11.9	-1.4
JHM	Kurahashi	4.05	23	A	Pn	06 58 11.9	-1.4
JIH	Iheya	4.09	215	A	Pn	06 58 11.6	-1.4
JIH	Iheya	4.09	215	A	Pn	06 58 11.6	-1.4
JIH	Iheya	4.09	215	A	Pn	06 58 11.6	-1.4
JOW	Kunigami	4.12	210	P	Pn	06 58 11.9	-0.1
JOW	Kunigami	4.12	210	P	Pn	06 58 11.9	-0.1
JOW	Kunigami	4.12	210	P	Pn	06 58 11.9	-0.1
JOW	Kunigami	4.12	210	P	Pn	06 58 12.0	-0.8
JOW	Kunigami	4.12	210	P	Pn	06 58 12.0	-0.8
JOW	Kunigami	4.12	210	P	Pn	06 58 12.0	-0.8
JTU	Tsushima	4.21	346	Pn	Pn	06 58 13.1	-0.1
JTU	Tsushima	4.21	346	Pn	Pn	06 58 14.2	+1.0
JMN	Monobe	4.32	39	Pn	Pn	06 58 14.0	-0.6
JMN	Monobe	4.32	39	Pn	Pn	06 58 14.9	+0.2
JMN	Monobe	4.32	39	Pn	Pn	06 58 14.9	+0.2
JMN	Monobe	4.32	39	Pn	Pn	06 58 15.6	-1.4
JHT	Toyojima	4.50	20	A	Pn	06 58 18.2	-1.4
JHT	Toyojima	4.50	20	A	Pn	06 58 18.2	-1.4
JHT	Toyojima	4.50	20	A	Pn	06 58 18.2	-1.4
JMZ	Minamidaito	4.62	173	Pn	Pn	06 58 17.7	-1.1
JMAF	Miianabuki	4.70	39	A	Pn	06 58 21.0	-1.4
JMAF	Miianabuki	4.70	39	A	Pn	06 58 21.0	-1.4
JMAF	Miianabuki	4.70	39	A	Pn	06 58 21.0	-1.4
JJG	Jouge	4.73	27	A	Pn	06 58 21.4	-1.4
JJG	Jouge	4.73	27	A	Pn	06 58 21.4	-1.4
JJG	Jouge	4.73	27	A	Pn	06 58 21.4	-1.4
JAGN	Aguni-jima	4.83	218	A	Pn	06 58 23.0	-1.4
JAGN	Aguni-jima	4.83	218	A	Pn	06 58 23.0	-1.4
JAGN	Aguni-jima	4.83	218	A	Pn	06 58 23.0	-1.4
JJS	Sakaide	4.85	35	A	Pn	06 58 23.0	-1.4
JJS	Sakaide	4.85	35	A	Pn	06 58 23.0	-1.4
JJS	Sakaide	4.85	35	A	Pn	06 58 23.0	-1.4
JJT3	Tamagusuku3	4.93	211	A	Pn	06 58 23.4	-1.4
JJT3	Tamagusuku3	4.93	211	A	Pn	06 58 23.4	-1.4
JJT3	Tamagusuku3	4.93	211	A	Pn	06 58 23.4	-1.4
JHS	Saijiyo	5.03	24	Pn	Pn	06 58 23.7	-0.8
JHS	Saijiyo	5.03	24	Pn	Pn	06 58 24.8	+0.3
JHS	Saijiyo	5.03	24	Pn	Pn	06 58 24.8	+0.3
JISK	Izumosakaura	5.41	20	A	Pn	06 58 30.8	-1.4
JISK	Izumosakaura	5.41	20	A	Pn	06 58 30.8	-1.4
JISK	Izumosakaura	5.41	20	A	Pn	06 58 30.8	-1.4
JKR	Kurayoshi	5.43	28	A	Pn	06 58 34.1	-1.4
JKR	Kurayoshi	5.43	28	A	Pn	06 58 34.1	-1.4
JKR	Kurayoshi	5.43	28	A	Pn	06 58 34.1	-1.4
TJR	Taejon	6.52	336	Pn	Pn	06 58 46.1	+1.4
TJR	Taejon	6.52	336	Pn	Pn	06 58 46.7	+2.0
TJR	Taejon	6.52	336	Pn	Pn	06 58 46.7	+2.0
TJN	Taejon	6.52	336	Pn	Pn	06 58 46.4	+1.7
TJN	Taejon	6.52	336	Pn	Pn	06 58 46.4	+1.7
TJN	Taejon	6.52	336	Pn	Pn	06 58 46.4	+1.7
INU	Inuyama	7.30	46	Pn	Pn	06 58 55.7	+0.3

INU	Inuyama	7.30	46	Pn	Pn	06 58 55.7	+0.3
KSAR	Wonju Array Be	7.35	343	Pn	Pn	06 58 57.0	+0.9
KSAR	Wonju Array Be	7.35	343	Pn	Pn	06 58 57.0	+0.9
KSAR	Wonju Array Be	7.35	343	Pn	Pn	06 58 57.0	+0.9
KSRS	Korea Array	7.35	343	Pn	Pn	06 58 57.6	+1.5
KSRS	Korea Array	7.35	343	Pn	Pn	06 58 57.6	+1.5
KSRS	Korea Array	7.35	343	Pn	Pn	06 58 57.6	+1.5
KSRS	Korea Array	7.35	343	Pn	Pn	06 58 57.6	+1.5
KSRS	Korea Array	7.35	343				

TTA	TTA	comp=Z,32nm,1.6s	55.88	32	P	P	07 06 42.6 +0.5	F25K	Christian River	59.91	26	P	P	07 07 11.3 +1.1	O30N	Mendenhall	65.52	33	P	P	07 07 48.4 +0.8
TTA	TTA	comp=Z,32nm,1.6s	55.88	32	P	P	07 06 43.3 +1.2	SCM	Sheep Creek Mo	60.00	33	P	P	07 07 10.8 -0.2	AKT	Akhty	65.60	305	eP	P	07 07 48.4 -0.1
TTA	Tatalina	baz=271,SNR=5.3	55.88	32	P	P	07 06 42.8 +0.5	KIRV	Kirov	60.09	323	P	P	07 07 11.3 -0.1	AKT	ARCCESS Array B	66.88	338	eP	SP	07 08 05.9 -0.2
R17K	Ugashik Creek	baz=274	55.91	38	P	P	07 06 42.7 +0.1	KIRV	comp=Z,34nm,0.7s, baz=124,slow=2.0,SNR=9.3	60.09	323	P	LR	07 35 49.2	AKT	ARCCESS Array B	66.88	338	eP	SP	07 08 13.6 +0.1
A21K	Barrow	comp=Z,22nm,0.9s	55.99	22	P	IAMB	07 06 46.0	KIRV	comp=Z,34nm,0.7s	60.09	323	P	LR	07 35 49.2	AKT	Sachs Harbour	65.60	19	P	P	07 07 47.7 -0.1
A21K	Barrow	baz=264,SNR=9.8	55.99	22	P	P	07 06 42.8 +0.1	KIRV	comp=Z,34nm,0.7s	60.09	323	P	P	07 07 11.5 +0.1	A36M	Sachs Harbour	65.60	19	P	IAMB	07 07 51.2
Q17K	Contact Creek	baz=274	56.14	38	P	P	07 06 44.5 +0.5	PRP	Porcupine Dome	60.24	29	P	P	07 07 12.9 +0.3	A36M	Sachs Harbour	65.60	19	P	P	07 07 48.1 +0.3
O18K	Koktuh Hills	baz=274	56.38	36	P	P	07 06 45.2 -0.4	P23K	Moonrise Isian	60.27	35	P	P	07 07 13.0 +0.4	PLBC	Pleasant Camp	65.81	34	P	P	07 07 50.4 +1.0
P18K	Big Mountain	baz=274	56.40	36	P	P	07 06 45.8 0.0	C27K	Jago River	60.35	24	P	P	07 07 14.1 +0.9	M31M	Drury Creek, Y	65.82	31	P	P	07 07 50.3 +0.8
L19K	White Mountain	baz=272	56.43	33	P	P	07 06 46.5 +0.5	K24K	Donnelly Dome	60.39	30	P	P	07 07 13.4 -0.1	FARO	Faro, Yukon	66.27	31	P	P	07 07 53.4 +1.0
AKTO	Aktyubinsk	56.44 313	P	P	P	07 06 45.9 -0.3	F26K	Sheenjek River	60.47	26	P	P	07 07 15.3 +1.3	VRH	Novokhoporsk	66.27	317	eP	P	07 07 52.8 +0.3	
AKTO	comp=Z,6.8nm,0.8s, baz=72,slow=8.7,SNR=16	PcP	07 06 40.6 -1.8	LR	LR	07 32 59.8	M24K	Tolsona, Glenn	60.49	32	P	P	07 07 15.1 +0.8	VRH	Novokhoporsk	66.27	317	eP	P	07 07 52.8 +0.3	
AKTO	comp=Z,9.3nm,1.0s, baz=56,slow=3.6,SNR=4.1	LR	07 32 59.8	LR	LR	07 32 59.8	M24K	Tolsona, Glenn	60.49	32	P	P	07 07 15.4 +1.1	SKAG	Skagway	66.31	34	P	P	07 07 53.9 +1.3	
Q16K	Katmai Hardscr	baz=274	56.57	37	P	P	07 06 46.6 -0.4	PAX	Paxson	60.67	31	P	P	07 07 15.9 +0.4	KEV	Kevo	66.31	338	P	P	07 07 52.3 -0.2
M19K	Big River Lodg	baz=274	56.66	33	P	P	07 06 48.5 +0.9	G26K	Porcupine River	60.72	27	P	P	07 07 16.8 +1.2	N32M	Quiet Lake	66.37	32	P	P	07 07 56.2 +0.6
N19K	Bonanza Creek	baz=274	56.68	34	P	P	07 06 48.8 +1.0	KLU	Klutina	60.72	33	P	P	07 07 16.3 +0.5	ARA0	ARCCESS Array S	66.88	338	eP	P	07 07 56.5 +0.3
K20K	Telida	baz=272,SNR=18	56.75	31	P	P	07 06 49.1 +0.9	RIDG	Independent Ri	60.81	30	P	P	07 07 17.3 +0.9	ARCES	ARCCESS Array S	66.88	338	eP	P	07 07 54.7 -1.4
O19K	Port Alsworth	baz=274	56.80	35	P	P	07 06 49.1 +0.6	HARP	HAARP	60.91	32	P	P	07 07 18.1 +1.0	ARCES	comp=Z,14nm,0.7s, baz=84,slow=8.1,SNR=36	LR	LR	07 42 08.2		
IMAR	Indian Mountai	56.82 28	P	P	P	07 06 48.6 -0.1	EYAK	Cordova Ski Ar	60.98	34	P	P	07 07 17.6 +0.2	NOR	Nord	66.95	355	iP	IAMB	07 07 55.9 -0.5	
L20K	Farewell, AK	56.88 32	P	P	P	07 06 50.1 +0.9	SCRK	Sand Creek	61.15	30	P	P	07 07 18.7 0.0	NOR	Nord	66.95	355	iP	IAMB	07 07 57.3	
G21K	Allakaket	56.91 28	P	P	P	07 06 50.1 +0.8	DOT	Dot Lake	61.17	31	P	IAMB	07 07 18.1 -0.7	MOS	Moscow	67.03	322	eP	P	07 07 56.2 -1.0	
F21K	Alatina River	56.91 27	P	P	P	07 06 49.3 0.0	DOT	Dot Lake	61.17	31	P	IAMB	07 07 19.7	MOS	Moscow	67.03	322	eP	P	07 07 56.2 -1.0	
H21K	Melozitna Rive	57.22 29	P	P	P	07 06 52.6 +1.1	I26K	Coal Creek Min	61.25	29	P	P	07 07 19.0 -0.2	C36M	Paulatuk	67.04	22	P	P	07 07 57.2 +0.2	
M20K	Styx River	57.26 33	P	P	P	07 06 53.1 +1.2	N25K	Chitina, Valde	61.32	33	P	P	07 07 20.5 +0.6	C36M	Paulatuk	67.04	22	P	P	07 07 57.1 0.0	
CHUM	Lake Minchumin	57.51 31	P	P	P	07 06 54.7 +1.3	E27K	Chitina, Valde	61.32	33	P	P	07 07 20.5 +0.6	P33M	Teslin, Yukon	67.23	33	P	P	07 07 59.5 +0.9	
E22K	Anaktuvuk Pass	57.54 26	P	P	P	07 06 54.2 +0.4	G27K	Doyon Strip	61.57	27	P	P	07 07 22.2 +0.7	S32K	Killinoos	67.38	36	P	P	07 08 00.2 +0.8	
I21K	Tanana	57.58 29	P	P	P	07 06 55.0 +1.1	L26K	Log Cabin Wild	61.61	31	P	P	07 07 22.4 +0.6	LPSR	Galich ya Gora	67.42	319	eP	P	07 07 59.5 -0.3	
PPLA	Purkeypile	57.63 32	P	P	P	07 06 55.1 +0.6	H27K	Steamboat Moun	61.73	27	P	P	07 07 24.0 +1.4	VORR	Voronezh	67.59	318	eP	P	07 08 01.3 +0.4	
PPLA	Purkeypile	57.63 32	P	P	P	07 06 55.5 +0.9	I27K	Kandik River	61.83	28	P	P	07 07 24.0 +0.8	VORR	Voronezh	67.59	318	eP	P	07 08 01.3 +0.4	
CAST	Castle Rocks	57.64 31	P	P	P	07 06 55.6 +1.2	M26K	Nabesna, AK	61.90	32	P	P	07 07 24.2 +0.4	VSR	Storozhevoye	67.78	317	eP	P	07 08 02.2 +0.1	
CAST	Castle Rocks	57.64 31	P	P	P	07 06 55.6	K27K	Chicken	61.96	30	P	P	07 07 24.3 +0.2	ZEI	Tsey	67.81	307	eP	P	07 08 01.2 -1.5	
CAST	Castle Rocks	57.64 31	P	P	P	07 06 55.7 +1.2	MCARA	McCarthy VSAT	62.10	33	P	P	07 07 25.8 +0.7	ZEI	Tsey	67.81	307	eP	P	07 08 01.2 -1.5	
SPCR	Spurr Chakacha	57.76 34	P	P	P	07 06 56.5 +1.1	EGAK	Eagle	62.19	29	P	P	07 07 25.7 +0.1	OBN	Obninsk	67.81	322	eP	P	07 08 03.4 +1.2	
H22K	Ishlitalna Cre	57.79 28	P	P	P	07 06 56.8 +1.2	L27K	Beaver Creek	62.28	31	P	P	07 07 27.1 +0.8	OBN	Obninsk	67.81	322	eP	P	07 08 22.9 +3.0	
SPU	Mount Spurr	57.83 34	P	P	P	07 06 56.1 +0.2	BCAR	Beaver Creek A	62.30	31	P	P	07 07 26.6 +0.2	OBN	Obninsk	67.81	322	eP	P	07 08 28.4	
KDAK	Kodiak Island	57.93 38	P	P	P	07 06 55.9 -0.7	M27K	Beaver Creek A	62.41	32	P	P	07 07 27.8 +0.4	OBN	Obninsk	67.81	322	eP	P	07 10 32.5	
KDAK	comp=Z,13nm,0.8s, baz=299,slow=6.9,SNR=7.1	LR	07 31 56.7	LR	LR	07 31 56.7	BELG	Belogomoye	62.42	317	P	LR	07 07 26.1 -1.1	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
D23K	Nanushuk River	57.94 25	P	P	P	07 06 57.5 +1.1	BELG	Belogomoye	62.42	317	P	LR	07 36 32.0	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
SKT	Skwentna	58.01 33	P	P	P	07 06 57.3 +0.3	BELG	Belogomoye	62.42	317	P	LR	07 36 32.0	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
BPAW	Bear Paw Mtn.	58.08 30	P	P	P	07 06 58.0 +0.5	DZM	Dzumay	62.54	142	eLR	LR	07 26 09.6	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
BPAW	Bear Paw Mtn.	58.08 30	P	P	P	07 06 58.0 +0.5	BARN	Barnard Glacier	62.82	33	P	IAMB	07 07 30.8 +0.7	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
MLY	Manley	58.11 29	P	P	P	07 06 58.8 +1.0	BARN	Barnard Glacier	62.82	33	P	IAMB	07 07 30.8 +0.7	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
COLD	Foodfoot	58.19 27	P	P	P	07 06 58.9 +0.7	STKA	comp=Z,12nm,0.7s, baz=62,SNR=13,SNR=1.5	62.86	32	P	P	07 07 28.8 -1.4	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
HOM	Home	58.20 36	P	P	P	07 06 58.2 -0.2	BVCY	Beaver Creek	62.86	32	P	P	07 07 31.1 +0.9	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
G23K	Bananza Creek	58.29 27	P	P	P	07 06 59.9 +0.9	CTG	Chitna Glacier	63.00	33	P	P	07 07 31.7 +0.5	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
E23K	Chandalar	58.37 26	P	P	P	07 07 00.4 +0.8	DAWY	Dawson	63.10	30	P	P	07 07 31.7 0.0	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
SUA	Susitna One	58.43 34	P	P	P	07 07 00.0 -0.1	YUK3	Moze Creek	63.20	32	P	P	07 07 32.8 +0.1	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
SUA	Susitna One	58.43 34	P	P	P	07 07 00.2 0.0	I29M	Ogilvie Camp	63.23	28	P	P	07 07 33.0 +0.5	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
TRF	Thorofare Moun	58.44 31	P	P	P	07 07 00.8 +0.6	J29M	Klodike Camp	63.50	29	P	P	07 07 35.3 +0.9	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
H23K	Yukon River	58.55 28	P	P	P	07 07 02.1 +1.3	O28M	Mount Upton	63.59	33	P	P	07 07 36.1 +0.8	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
CUT	Chulitna	58.55 32	P	P	P	07 07 00.5 -0.3	EPYK	Eagle Plains	63.59	27	P	P	07 07 35.4 +0.5	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
C24K	Franklin Bluff	58.61 24	P	P	P	07 07 01.6 +0.6	G30M	A'oh Zraii Nji	63.62	26	P	P	07 07 35.1 0.0	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
BRSE	Bradley Lake S	58.64 36	P	P	P	07 07 02.4 +0.9	YUK8	Steele Glacier	63.65	33	P	P	07 07 36.3 +0.6	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
I23K	Minto, Yukon-K	58.69 29	P	P	P	07 07 03.0 +1.3	WSAR	Wadi Sarin	63.66	283	LR	LR	07 38 05.2	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
I23K	Minto, Yukon-K	58.69 29	P	P	P	07 07 03.8	PINM	Pinnacle	63.74	34	P	P	07 07 36.9 +0.8	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
I23K	Minto, Yukon-K	58.69 29	P	P	P	07 07 02.2 +0.5	L29M	L29	63.90	30	P	P	07 07 38.2 +1.2	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
BWN	Browne	58.73 30	P	P	P	07 07 03.5 +1.4	M29M	Somme Creek	63.93	31	P	P	07 07 38.6 +1.3	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
E24K	Your Creek	58.79 26	P	P	P	07 07 02.9 +0.4	K29M	Barlow Dome	63.96	30	P	P	07 07 38.6 +1.1	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
NEA2	Nenana	58.86 30	P	P	P	07 07 03.3 +0.3	YUK4	Talbot Arm	64.16	32	P	P	07 07 39.6 +0.7	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
NEA2	Nenana	58.86 30	P	P	P	07 07 03.3 +0.3	INK	Inuvik	64.23	24	P	P	07 07 39.3 +0.4	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
RC01	Rabbit Creek A	58.96 34	P	P	P	07 07 04.2 +0.5	INK	comp=Z,6.0nm,0.6s, baz=295,slow=6.0,SNR=4.1	64.23	24	P	LR	07 38 17.1	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
MCK	McKinley	59.01 31	P	P	P	07 07 04.3 +0.3	INK	comp=Z,39nm,18.0s, baz=276,slow=38	64.23	24	P	P	07 07 39.0 0.0	OBN	Obninsk	67.81	322	eP	P	07 12 10.9	
O22K	Cooper Landing	59.05 35	P																		

MNK	iSS	sS	07 18 21.4	-0.3
MNK	iSS	SS	07 22 27.6	-3.3
MNK	iSSS	SSS	07 25 49.2	
MNK	iLR	LQ	07 34 46.5	
MNK	iLR	LO	07 41 17.6	
MNK	iLRM	MLR	07 46 50.5	
comp=N,2um,19.7s				
MNK	iLRM	MLR	07 46 53.3	
comp=E,13nm,13.8s				
MNK	iLRM	MLR	07 47 02.8	
MNK	Minsk	72.64 323	iP	
MNK	iPP	pP	07 08 31.5	-0.1
MNK	iSP	sP	07 08 50.2	+0.6
MNK	iPP	sP	07 08 58.2	+1.3
MNK	iS	S	07 12 59.6	
MNK	iSS	SS	07 14 47.7	-2.6
MNK	iSS	SS	07 18 21.3	-0.3
MNK	iSS	SS	07 22 27.6	-3.3
MNK	iSSS	SSS	07 25 49.2	
comp=N,22nm,0.9s				
MNK	pmax	pmax		
comp=Z,47nm,1.0s				
NACGM	Naroch	73.01 324	eP	
comp=E,2um,1.1s				
ISAL	Satikas	73.01 325	eP	
SIM	Simferopol'	73.41 313	eP	
SIM				
comp=Z,45nm,1.0s				
AKASG	Malin Array B	73.70 319	P	
comp=Z,3.0nm,0.5s,baz=48,slow=6.1,SNR=41				
AKASG	Malin Array B	73.70 319	LR	
comp=Z,252nm,19.9s,baz=58,slow=38				
AKASG	Malin Array B	73.70 319	P	
comp=Z,4.0nm,0.5s				
AKB	Malin Array S	73.70 319	iP	
AKB				
comp=Z,25nm,0.9s				
DBG	Daneborg	73.76 352	iP	
DBG				
comp=Z,28nm,1.0s				
YKA	Yellowknife Ar	73.86 26	P	
comp=Z,4.2nm,0.7s,baz=30s,slow=5.5,SNR=70				
YKA				
comp=Z,23nm,20.5s,baz=296,slow=37				
comp=Z,4.2nm,0.7s				
NSS	Namsos	74.01 337	eP	
NSS				
comp=Z,34nm,0.8s				
PABE	Paberze	74.11 325	eP	
RAYN	Ar Rayn	74.46 286	P	
UPP	Uppsala	74.64 331	eP	
PBUR	Paburge	74.82 327	eP	
BNN	Bunyan	74.99 306	P	
SORM	Soroca	75.44 317	iP	
SORM	Soroca	75.44 317	P	
WIKU	Wikolandet	75.81 303	eP	
HFS	Hagfors	76.08 333	LR	
BR131	Keskin Array S	76.11 308	P	
BR131				
comp=Z,38nm,0.9s				
BR131	Keskin Array S	76.11 308	eP	
BRTR	Keskin Array B	76.11 308	P	
comp=Z,25nm,1.0s,baz=102,slow=2.9,SNR=63				
BRTR				
comp=Z,76nm,18.1s,baz=77,slow=39				
comp=Z,25nm,1.0s				
BRTR	Keskin Array B	76.11 308	P	
NB2	NORSAR Subarra	76.47 334	P	
comp=Z,2.0nm,0.8s,baz=47,slow=5.6				
NB2	NORSAR Subarra	76.47 334	P	
comp=Z,2.0nm,0.8s,baz=47,slow=5.6				
NOA	NORSAR Array B	76.47 334	P	
comp=Z,37nm,0.7s,baz=49,slow=5.6,SNR=86				
NOA				
comp=Z,87nm,18.4s,baz=30s,slow=37				
comp=Z,37nm,0.7s				
NC602	NORSAR Array S	76.54 334	P	
NC602	NORSAR Array S	76.54 334	eP	
DOMB	Dombas	76.61 336	eP	
DOMB				
comp=Z,66nm,0.9s				
ANTO	Ankara	76.61 308	iP	
ANTO	Ankara	76.61 308	P	
ANTO				
comp=Z,31nm,1.1s				
ANTO	Ankara	76.61 308	P	
NE000	NORSAR Array S	76.64 334	P	
MOLO	Molde	76.79 326	eP	
UPNV	Upernavik	76.97 2	eP	
UPNV				
comp=Z,45nm,0.6s				
SUMG	Summit	77.00 357	iP	
SUMG				
comp=Z,80nm,0.8s				
TPGR	Topolog	77.02 314	iP	
CFR	Carcaiu	77.03 315	iP	
CFR	Carcaiu	77.03 315	P	
LVV	L'vov	77.03 320	eP	
TIRR	Tirgusor	77.22 314	iP	
TIRR	Tirgusor	77.22 314	P	
AKN	Aaknes	77.25 336	eP	
TESR	Tescani	77.25 317	iP	
ASF	Jabal al Asfar	77.30 300	P	
comp=Z,1.0nm,1.0s,baz=127,slow=3.5,SNR=7.8				
comp=Z,1.0nm,1.0s				
OSL	Oslo	77.36 333	eP	
SCO	Scoreboardsund	77.47 351	iP	
SCO				
comp=Z,43nm,1.3s				
BURAR	Bucovina Array	77.52 318	iP	
BURAR	Bucovina Array	77.52 318	P	
BURAR				
comp=Z,25nm,0.8s				
BURAR	Bucovina Array	77.52 318	P	
VRI	Vrincioia	77.54 316	iP	
VRI	Vrincioia	77.54 316	P	
PLOR	Plostinia	77.59 316	iP	
PLOR	Plostinia	77.59 316	P	
BEL	Betsk	77.67 323	eP	
ICOR	Ion Corvin	77.77 334	iP	
SKAR	Skarslia	77.79 315	eP	
SKAR				
comp=Z,36nm,0.9s				
COVR	Voineasa-Covas	77.86 316	iP	
OZUR	Ozura	77.98 317	iP	
KONO	Kongsberg	77.98 334	eP	
MLR	Muntele Rosu	78.20 316	iP	
MLR	Muntele Rosu	78.20 316	P	
comp=Z,12nm,0.9s,baz=112,slow=8.4				
MLR				
comp=Z,167nm,18.7s,baz=75,slow=37				
comp=Z,12nm,0.9s				
HYA	Hoyanger	78.25 336	eP	
DEL	Delary	78.25 336	eP	
DOPR	Dopca	78.28 317	iP	
ARCR	ARCALIA	78.30 318	iP	
BSD	Bornholm Skovb	78.62 328	eP	
BSD	Bornholm Skovb	78.62 328	iP	
TRPA	Tarpa	78.77 320	iP	
STHS	Stebnicka Huta	78.77 321	eP	
STHS				
comp=Z,19nm,1.2s				
ODD1	Stebnicka Huta	78.77 321	eP	
ODD1	Odda	78.92 335	eP	
AJC	Arges	79.05 316	iP	
OJC	Ojcow	79.09 322	eP	
IARR	Mariest-Ciuj	79.23 318	iP	
NIE	Niedzica	79.28 321	eP	
BLSS	Blasjo	79.32 334	eP	
COPA	Copacanca	79.35 315	iP	
DRGR	Drage	79.40 318	iP	
DRGR	Drage	79.40 318	P	
LI3.D	Lille Lunde	79.49 317	iP	
BOBA	Boleville Reser	79.57 40	P	
SNART	Snartemo	79.78 333	eP	
SNART				
comp=Z,163nm,1.0s				

GOET	G?7trup	79.86 332	iAmb	iAmb	07 09 13.4
GOET					
LANS	Liptovska Anna	79.88 322	eP	P	07 09 13.4 +0.9
LANS	Liptovska Anna	79.88 322	eP	P	07 09 14.9 +1.9
EIL	Eilat	79.96 296	LR	LR	07 09 14.9 +1.9
GZR	Gura Zlata	80.14 317	iP	P	07 09 14.3 -0.1
GZR	Gura Zlata	80.14 317	P	P	07 09 14.9 +0.5
OKC	Ostrava-Krasne	80.19 323	eP	P	07 09 15.3 +0.8
MUD	Monsted Ugrnd	80.26 331	eP	P	07 09 15.3 +0.8
MUD					07 09 15.1 +0.3
comp=Z,47nm,0.7s					
SIRR	Siria	80.30 318	iP	P	07 09 16.3 +1.0
SIRR	Siria	80.32 318	iP	P	07 09 17.5 +1.0
ICESG	Greenland Ices	80.52 356	eP	P	07 09 16.2 -0.2
ICESG					07 09 19.7
comp=Z,30nm,0.8s					
MORC	Moravsky Berou	80.54 323	iP	P	07 09 17.5 +1.0
MORC	Moravsky Berou	80.54 323	iAmb	iAmb	07 09 17.2 +0.7
MORC					07 09 18.1 +0.6
MORC	Moravsky Berou	80.54 323	eP	P	07 09 17.5 +1.0
KSP	Ksiti	80.54 324	eP	P	07 09 17.5 +1.1
VYHS	Vyhne	80.60 321	eP	P	07 09 18.1 +1.3
VYHS					07 09 18.1 +1.3
comp=Z,34nm,1.0s					
VYHS	Vyhne	80.60 321	eP	P	07 09 18.1 +1.3
HEFR	Hejricane	80.63 317	iP	P	07 09 17.5 +0.5
MAUC	Maruska	80.63 322	iP	P	07 09 18.1 +1.1
ILULI	Ilulissat	80.65 1	eP	P	07 09 17.7 +1.1
ILULI					07 09 18.5
comp=Z,25nm,1.0s					
DJES	Djerdap	80.69 317	iP	P	07 09 17.9 +0.6
BZS	Buzias	80.69 318	iP	P	07 09 16.8 -0.5
BZS	Buzias	80.69 318	P	P	07 09 16.8 -0.5
OSTC	Ostas	80.75 324	eP	P	07 09 18.8 +1.2
OSTC	Ostas	80.75 324	eP	P	07 09 18.8 +1.2
RUE	Ruedersdorf	80.77 326	eP	P	07 09 18.3 +0.7
comp=Z,75nm,0.9s,baz=48,slow=5.1					
CHVC	Chvalec	80.82 324	eP	P	07 09 19.0 +1.1
CHVC	Chvalec	80.82 324	eP	P	07 09 19.0 +1.1
DPC	Dobruska-Polom	80.83 324	eP	P	07 09 19.1 +1.1
VRAC	Vranov	81.31 323	LR	LR	07 09 19.5 +1.2
UPC	Uprice	80.89 324	eP	P	07 09 19.5 +1.2
UPC	Dobruška-Polom	80.83 324	eP	P	07 09 20.6 +1.5
JAVC	Velka Javorina	81.01 322	eP	LR	07 09 20.6 +1.5
NEW	Newport	81.03 39	LR	LR	07 09 19.8 +0.7
NEW	Newport	81.03 39	P	P	07 09 19.8 +0.7
YER	Yerkes	81.04 308	P	P	07 09 19.7 +0.3
MDVR	Moldovita	81.10 317	iP	P	07 09 19.9 +0.3
BLCB	Balcova	81.22 309	P	P	07 09 20.2 -0.1
VRAC	Vranov	81.31 323	LR	LR	07 09 22.0 +1.5
VRAC	Vranov	81.31 323	LR	LR	07 09 22.0 +1.5
comp=Z,206nm,18.4s,baz=50,slow=38					
VRAC	Vranov	81.31 323	eP	P	07 09 21.4 +0.8
VRAC	Vranov	81.31 323	eP	P	07 09 21.9 +1.3
SMOL	Smolencice	81.35 322	eP	pmax	07 09 22.7 +1.9
SMOL					
comp=Z,26nm,1.1s					
Bad Segeberg		81.44 329	eP	P	07 09 21.4 +0.3
comp=Z,56nm,0.8s,baz=48,slow=5.1					
YB	Yreka Blue Hor	81.47 46	LR	LR	07 38 42.4
MODS	Modra-Piesok	81.51 322	eP	pmax	07 09 23.2 +1.5
MODS					
comp=Z,89nm,1.2s					
KRUC	Krusky Piesok	81.51 322	eP	pmax	07 09 23.2 +1.5
MORC	Moravsky	81.57 323	eP	P	07 09 22.7 +0.8
BRG	Berggiesshubel	81.70 325	iP	P	07 09 23.2 +0.6
BRG					07 09 24.1
comp=Z,17nm,0.9s					
BRG					07 09 39.9
BRG					07 09 39.9
comp=Z,12nm,0.9s					
BRG	Berggiesshubel	81.70 325	iP	P	07 09 23.1 +0.6
BRG					07 09 39.0
BRG					07 09 39.0
comp=Z,17nm,0.9s					
BRG					07 09 22.9 +0.4
BRG	Berggiesshubel	81.70 325	eP	P	07 09 22.9 +0.4
CLL	Collim	81.89 326	iP	P	07 09 24.1 +0.6
CLL					07 09 30.0 +1.0
comp=Z,71nm,0.8s					
CLL	Collim	81.89 326	iP	P	07 09 24.1 +0.6
CLL					07 09 23.7 +0.1
comp=Z,70nm,0.8s,baz=48,slow=5.1					
TREC	Trest	81.90 323	eP	P	07 09 24.9 +1.2
TREC	Trest	81.90 323	eP	P	07 09 24.9 +1.2
PRU	Pruhonice	81.95 324	eP	P	07 09 24.9 +1.0
PRU	Pruhonice	81.95 324	eP	P	07 09 24.9 +1.0
FRG	Freiberg	81.96 325	eP	P	07 09 24.6 +0.7
comp=Z,45nm,1.0s,baz=48,slow=5.1					
FBS	Fruska Gora	82.00 318	iP	P	07 09 24.8 +0.5
MORH	Mrgy, Hungary	82.04 319	iP	P	07 09 25.2 +0.7
FLTG	Flechtingen	82.07 327	eP	P	07 09 24.4 -0.1
HLG	Helgoland	82.34 330	P	P	07 09 26.0 +0.2
comp=Z,150nm,0.9s,baz=48,slow=5.1					
RONA	Rosalia, Austr	82.44 322	eP	P	07 09 27.4 +0.8
comp=Z,16nm,1.4s					
ASSE	Assa Remlinge	82.46 327	eP	P	07 09 26.9 +0.4
comp=Z,19nm,0.9s,baz=48,slow=5.1					
NRDL	Nieders Ries	82.48 328	eP	P	07 09 27.1

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like DOU, LBWR, GUMA, H17A, IMW, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like ARAG, BDFB, SJMB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes JMA, JIU3, JTA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes IDC, MOS, DJA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes Northern Molucca Sea.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TNTI, LBMI, SGSI, etc.

Main table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like JOW, JOW, JOW, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like SSPA Standing Stone, ACSO Alum Creek Sta, 121A Cookies Peak, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like BOSA, BOSA Boshof, BOSA Boshof, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like RDG Red Dog Mine, ANM Neme, BR131 Keskin Array S, etc.

IDC 17 08:06:58.4.3.2, 3.145, 126.556, h0km, mb3.4/2, mbtomp3.6/3, ML3.6/1, MS2.8/1, Error ellipse: s-maj=148.2km s-min=33.2km az=82.0, Buru

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like DAV Davac City (W), WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 17 08:25:30.1.1.8, 10.035, 161.02E, h0km, mb3.4/4, mbtomp3.5/5, ML3.6/1, Error ellipse: s-maj=29.1km az=28.0

IDC 17 08:25:39.2.1.5, 10.035, 0.2, 160.8E, 0.2, h67km, n6, 0.2, 217, mb3.2/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

Table with columns: Station Name, Frequency, Mode, Band, Power, and other technical details. Includes stations like LANS Liptovska Anna, MODS Modra-Piesok, VYHS Vyhne, CONA Conrad Observa, etc.

Table with columns: Station Name, Frequency, Mode, Band, Power, and other technical details. Includes stations like MNK comp=N,32nm,1.1s, MNK comp=Z,8.0nm,1.1s, MNK comp=N,505nm,17.5s, etc.

Table with columns: Station Name, Frequency, Mode, Band, Power, and other technical details. Includes stations like BELG Naichik, NCK Naichik, GNI Garni, ARU Arti, AKTO Aktjyubinsk, BRVK Borovoye, etc.

Summary information for station STKA: STKA Stephens Creek, 38.77 248 P, 0.9nm,0.6s,baz=107,slow=11,SNR=3.7. Includes Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, Res.

Summary information for station WRA: WRA Warramunga Arr, 46.64 264 P, 0.7nm,0.3s,baz=100,slow=7.1,SNR=27.0. Includes Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, Res.

Summary information for station ROM: ROM 17 09:11:40.0:0.0,42.824N:0.002:13.167E:0.0003, h13km,ML1.6/14, Error ellipse: s-maj=0.3km s-min=0.0km az=245.0, Central Italy. Includes Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, Res.

Summary information for station T1245: T1245 Castelsantange, 0.04 25 P, 0.9nm,0.6s,baz=107,slow=11,SNR=3.7. Includes Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, Res.

Summary information for station T1218: T1218 Cascia, Frazio, 0.12 231 P, 0.9nm,0.6s,baz=107,slow=11,SNR=3.7. Includes Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, Res.

Summary information for station T1217: T1217 Poggiodomo (PG), 0.21 237 P, 0.9nm,0.6s,baz=107,slow=11,SNR=3.7. Includes Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, Res.

17d 10h

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

2017 MAR

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

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

USRK	comp-Z,27nm,0.8s,baz=123,slow=2.6,SNR=75	LR	LR	11 06 06.8
USRK	comp-Z,2.66nm,18.8s,baz=128,slow=35			
USRK	comp-Z,2.77nm,0.8s	82.11	P	10 30 47.9 +0.6
DSP	USSuru	82.11	P	10 30 49.3 +0.9
GWY	Deep Springs	82.23	P	10 30 49.8 +1.5
GRAC	Greenwater Val	82.26	P	10 30 50.2 +1.9
FURC	Grapevine Rang	82.26	P	10 30 50.1 +1.8
FURC	Furnace Creek, baz=233,SNR=24	82.27	P	10 30 50.1 +1.8
TUQ	Turquoise Moun	82.27	P	10 30 50.0 +1.5
TYV	baz=234,SNR=23	82.28	eP	10 30 48.4 +0.4
TYV	Tymovskoe	82.28	335	pmax
TYV	comp-Z,61nm,0.9s			
TYV	comp-Z,200nm,2.7s			
LHV	Little Huntoon	82.31	43	P
LHV	comp-Z,46nm,1.1s			
YERR	Yerington	82.31	42	IAMB
SHOC	Shoshone Teco	82.31	46	P
J01E	Myrtle Point	82.32	36	IAMB
214A	Organ Pipe Mt	82.42	50	P
R16K	Pilot Point	82.44	10	P
HUMO	Hull Mountain	82.48	37	P
HUMO	comp-Z,69nm,1.3s			
NVAR	Mina Array Bea	82.55	43	P
NVAR	comp-Z,20nm,0.9s,baz=224,slow=8.4,SNR=126			
NVAR	comp-Z,0.6nm,0.7s,baz=70,slow=2.5,SNR=4.8			
NVAR	comp-Z,0.9nm,0.9s,baz=80,slow=2.2,SNR=5.4			
NVAR	comp-Z,135nm,19.1s,baz=177,slow=30			
NVAR	Mina Array Bea	82.55	43	P
WCIT	Wildcat Mounta	82.62	45	P
NV11	Mina Array Sit	82.64	43	IAMB
NV11	comp-Z,42nm,1.1s			
NJ2	Nanjing	82.66	310	P
PAHR	Pah Rah Range	82.67	41	IAMB
R17K	Ugashik Creek	82.71	11	P
NEE2	Needles Airpor	82.76	47	P
PDMCJ	Parker Dam,Lak	82.81	48	P
OHAK	Old Harbor	82.90	13	P
PDSI	Padang	82.94	272	P
TPNV	Topopah Spring	82.95	45	P
TPNV	Topopah Spring	82.95	45	P
TPNV	comp-Z,32nm,1.0s			
TPNV	Topopah Spring	82.95	45	P
103D	Drain, O	83.00	36	IAMB
TPH	Tonopah	83.00	43	P
TPH	Tonopah	83.00	43	P
KVN	Kaiserville	83.05	42	IAMB
KNOB	Chiloquin, OR	83.16	38	P
COYC	Choyhaque	83.17	137	P
PLTX	Planet X, Gerl	83.25	40	IAMB
J04A	Umpqua Nationa	83.37	37	IAMB
H03S2	Juan Fernandez	83.38	124	T
Y14A	Wickenburg	83.39	49	P
Q17K	Contact Creek	83.39	11	P
H03S1	Juan Fernandez	83.39	124	T
H03S3	Juan Fernandez	83.40	124	T
SHPR	Sheep Range	83.40	46	P
W13A	Hualapai Mount	83.44	47	P
Q09A	Carvers	83.49	43	IAMB
MOD	Modoc Plateau	83.52	39	IAMB
BUCK	Buck Mountain	83.53	36	IAMB
H03N2	Juan Fernandez	83.53	124	T
H03N3	Juan Fernandez	83.53	124	T
H03N1	Juan Fernandez	83.55	124	T
KDAK	Kodiak Island	83.56	13	P
KDAK	Kodiak Island	83.56	13	P
KDAK	comp-Z,346nm,1.9s			
KDAK	Kodiak Island	83.56	13	P
I04A	Tendick Farm,	83.57	36	P
MDJ	Mudanjiang	83.65	325	P
MDJ	comp-Z,30nm,0.9s			
MDJ	comp-Z,320nm,6.1s			
MDJ	Mudanjiang	83.65	325	P
MDJ	Mudanjiang	83.65	325	P
Q16K	King Salmon	83.65	10	P
S11A	Rachel	83.69	44	P
K05A	Summer Lake	83.71	38	IAMB
P16K	Nushagak River	83.78	10	P
H04D	Lebanon	83.88	36	P
Q18K	Katmai Hardscr	83.91	11	P
PRN	Pahroc Range	84.00	45	IAMB
G03D	McMinnville, O	84.06	35	IAMB
TUC	Tucson	84.06	51	P
TUC	comp-Z,48nm,0.9s			
TUC	Tucson	84.06	51	P
TUC	comp-Z,49nm,1.0s			
H04A	Detroit Lake	84.28	36	IAMB
O16K	Kokwok River B	84.30	9	P
Q20K	Shuyak Island	84.37	13	P
PINE	Pine Mountain	84.37	37	P
LL02	Futaleuf	84.39	135	IAMB
Q19K	Cape Douglas,	84.42	12	P
Q19K	Cape Douglas,	84.42	12	P
BMN	Battle Mountai	84.43	41	IAMB

I05D	Terrebonne, OR	84.51	36	P
I05D	comp-Z,40nm,0.9s			
P18K	Big Mountain,	84.57	11	IAMB
P18K	Big Mountain,	84.57	11	IAMB
IPM	Ipoph	84.58	277	P
IPM	comp-Z,91nm,0.8s			
IPM	Ipoph	84.58	277	P
O17K	Koliganek Bris	84.62	10	P
319A	Douglas	84.64	53	IAMB
TROLL	Troll, Antarti	84.66	180	P
DL2	Dalian	84.70	316	P
DL2	comp-Z,69nm,0.8s			
DL2	DL2			
DL2	DL2			
DL2	DL2			
DL2	comp-Z,22nm,0.7s			
DL2	comp-Z,210nm,5.9s			
GRNR	Gornyy	84.72	321	P
GRNR	comp-Z,20nm,1.2s			
X16A	Lo Mia Camp, P	84.73	49	IAMB
F04D	Rainier, OR	84.77	34	IAMB
E03A	Lebam	84.80	34	IAMB
WVOR	Wild Horse Val	84.82	39	P
WVOR	Wild Horse Val	84.82	39	P
WVOR	comp-Z,55nm,1.0s			
WVOR	WVOR			
SNA4	Sanae	84.91	178	P
SNA4	Sanae	84.91	178	P
SNA4	comp-Z,52nm,0.8s,baz=190,slow=5.3,SNR=72			
SNA4	comp-Z,101nm,20.2s,baz=48,slow=33			
SNA4	Sanae	84.91	178	P
SNA4	Sanae	84.91	178	P
SNA4	comp-Z,56nm,0.8s			
SNA4	Sanae	84.91	178	P
SNA4	Sanae	84.91	178	P
SNA4	comp-Z,78nm,1.0s			
LCMT	Little Creek M	84.95	46	P
LCMT	comp-Z,36nm,1.0s			
F04A	Amboy	84.98	35	IAMB
VNA3	Neumayer Olymp	85.00	176	P
O18K	Koktuh Hills	85.01	11	P
N16K	Nishik Lake	85.05	9	P
LL04	Puerto Octay R	85.06	133	P
Q12A	Willow Creek R	85.09	44	IAMB
Q12A	comp-Z,38nm,1.0s			
G05A	Wamie	85.11	36	IAMB
WHN	Wuhan	85.12	306	P
WHN	comp-Z,150nm,1.5s			
HPIG	Cedar City	85.13	58	P
CCUT	CCUT	85.18	46	P
CCUT	comp-Z,38nm,1.0s			
P19K	Oil Pt	85.18	12	P
P19K	Oil Pt	85.18	12	P
KNOB	Kanab	85.23	46	IAMB
KULM	Kulim	85.25	278	P
KULM	comp-Z,42nm,1.0s			
U15A	North Rim	85.26	47	IAMB
I07A	Wuaputi	85.36	37	P
CRAG	Wuaputi	85.38	48	P
SZCU	Shurtz Canyon	85.38	46	P
SZCU	comp-Z,40nm,1.1s			
CN2	Changchun	85.38	322	eP
CN2	CN2			
CN2	CN2			
CN2	CN2			
CN2	CN2			
CN2	comp-Z,40nm,1.5s			
CN2	comp-Z,170nm,15.0s			
CN2	comp-Z,60nm,15.0s			
CN2	comp-Z,160nm,16.0s			
CNPM	China Poot	85.45	13	P
CNPM	comp-Z,96nm,0.8s			
VNA2	Neumayer-Watz	85.46	177	P
G06A	Carlson Farm,	85.47	36	P
G06A	comp-Z,31nm,1.0s			
J08K	Circle Bar Ran	85.48	39	IAMB
O19A	Port Aiswirth	85.49	11	P
HOM	Home	85.49	13	P
HOM	Home	85.49	13	P
BNX	BinXion	85.55	325	P
BNX	comp-Z,21nm,0.7s			
BNX	comp-Z,270nm,5.6s			
LRO3	Panguipulli	85.68	131	P
LRO3	comp-Z,44nm,1.0s			
VNA1	Neumayer-Stat	85.68	176	P
O20K	Slope Mountain	85.69	12	P
NVL	N'lazarevskaya	85.71	183	eP
NVL	comp-Z,17nm,0.8s			
KLR	Kul'dur	85.72	329	LR
KLR	comp-Z,129nm,18.9s			
KLR	Kul'dur	85.72	329	P
KLR	comp-Z,28nm,1.7s			
BRLK	Bradley Lake S	85.74	13	P
BRSE	Bradley Lake S	85.75	13	P
RPSI	Rantau Prapat	85.78	275	P
RPSI	comp-Z,29nm,0.9s			
PKCU	Pink Cliffs	85.81	46	IAMB
PSI	Prapap	85.82	275	P
PSI	Prapap	85.82	275	P
PSI	comp-Z,42nm,1.0s			
ELK	Elko	85.83	42	LR
X18A	Snowflake	85.83	50	P
X18A	comp-Z,26nm,0.9s			
LOX	Longmie	85.83	34	P
LOX	comp-Z,49nm,1.4s			
LOX	comp-Z,110nm,0.9s			
D05A	Enumclaw	86.03	34	IAMB
N19K	Bonanza Creek	86.04	11	P
N19K	comp-Z,78nm,0.9s			
N19K	Bonanza Creek	86.04	11	P

SKLT	Songkhla	86.05	280	P
SVW2	Sparrevohn	86.12	10	P
SVW2	Sparrevohn	86.12	10	P
SVW2	Sparrevohn	86.12	10	P
TIA	Tai'an	86.14	312	P
TIA	comp-Z,43nm,0.6s			
PGC	Sidney	86.27	32	P
PGC	comp-Z,118nm,1.6s			
W18A	Petrified Fore	86.29	49	P
G00B	Curarhe River	86.30	132	P
CBB	Campbell Hue	86.31	30	IAMB
121A	Cookes Peak, D	86.33	52	IAMB
121A	Cookes Peak, D	86.33	52	P
121A	Cookes Peak, D	86.33	52	P
121A	Cookes Peak, D	86.33	52	P
SEW	Seward	86.35	13	P
SEW	comp-Z,78nm,1.0s			
SEW	Seward	86.35	13	P
TCRU	Three Creeks R	86.37	45	P
PLCA	Paso Flores	86.39	133	P
PLCA	comp-Z,7.8nm,0.9s,baz=95,slow=2.5,SNR=7.2			
PLCA	Paso Flores	86.39	133	P
PLCA	comp-Z,52nm,1.3s			
PLCA	Paso Flores	86.39	133	eP
G08A	Pilot Rock	86.42	37	P
G08A	comp-Z,37nm,1.0s			
GSI	Gunungitoli	86.46	273	P
GSI	comp-Z,54nm,0.7s			
GSI	Gunungitoli	86.46	273	P
GSI	Gunungitoli	86.46	273	P
MVU	Marysval	86.46	45	P
MVU	comp-Z,102nm,1.1s			
MSU	Marysval	86.49	45	P
CAPN	Captain Cook N	86.61	12	P
CAPN	Captain Cook N	86.61	12	P
O22K	Cooper Landing	86.63	13	P
P23K	Montague Islan	86.70	14	P
LTY	Liberty	86.76	35	P
HAWA	Hanford	86.80	36	IAMB
SPCR	Spurr Chakacha	86.81	12	

BILL	Billibino	92.20	354	P	P	10 31 35.8	+0.1
BILL	Billibino	92.20	354	e/PP	pP	10 31 35.7	0.0
BILL				e	SS	10 32 07.3	0.0
BILL				eS	SKSac	10 35 18.5	
BILL				eSS	SS	10 41 53.6	-3.0
BILL				eSSS	SSS	10 48 44.1	+3.3
BILL					pmx	10 52 20.7	
BILL	comp=Z,123nm,0.8s				MLR		
F21K	Alatna River	92.21	9	P	P	10 31 36.3	+0.5
AC05	El Transito	92.22	123	P	IAMB	10 31 36.6	-0.4
HHC	Hu-ho-hao-te	92.26	314	eP	pP	10 31 39.3	+2.5
HHC					pmx		
HHC	comp=Z,28nm,0.6s				pmx		
G23K	Bananza Creek	92.27	10	P	P	10 31 37.0	+1.0
FARO	Faro, Yukon	92.28	19	P	IAMB	10 31 37.7	+0.5
FARO					IAMB	10 31 38.2	
FARO	comp=Z,13nm,0.9s				IAMB		
CHTO	Faro, Yukon	92.28	19	P	P	10 31 37.1	+0.9
CHTO	Chiang Mai	92.28	289	P	P	10 31 38.3	+1.1
CHTO	Chiang Mai	92.28	289	P	P	10 31 38.3	+1.1
EGAK	Eagle	92.31	14	P	P	10 31 37.1	+0.9
EGAK	Eagle	92.31	14	P	P	10 31 37.2	+1.0
I26K	Coal Creek Min	92.31	13	IAMB	IAMB	10 31 38.5	
I26K	Coal Creek Min	92.31	13	P	P	10 31 37.4	+1.1
K22A	Casper	92.33	44	P	IAMB	10 31 37.6	+0.4
K22A					IAMB	10 31 39.2	
K22A	comp=Z,27nm,1.1s				P		
K22A	Casper	92.33	44	P	P	10 31 38.1	+1.0
K22A	comp=Z,240,SNR=14				P		
K22A	Casper	92.33	44	P	P	10 31 38.0	+0.8
ABTX	Abilene, Hawle	92.41	55	IAMB	IAMB	10 31 40.3	
ABTX	Abilene, Hawle	92.41	55	P	P	10 31 38.6	+1.1
ABTX	Abilene, Hawle	92.41	55	P	P	10 31 38.9	+1.4
K29M	Barlow Dam	92.41	16	P	P	10 31 38.2	+1.3
CFA	Coronel Fontan	92.42	126	LR	LR	11 08 10.3	
WAPA	Wapiti River	92.52	29	IAMB	IAMB	10 31 39.6	
LIRD	Liard River Hi	92.58	23	P	P	10 31 38.9	+1.2
MAYO	Mayo, Yukon	92.64	17	P	P	10 31 38.8	+1.0
MAYO	Mayo, Yukon	92.64	17	P	P	10 31 39.3	+1.4
F22K	John River	92.66	9	P	P	10 31 39.1	+1.3
BRLDA	Berland Lookou	92.68	31	P	P	10 31 38.7	+0.4
G24K	Hadweenc Riv	92.69	11	P	P	10 31 38.0	-0.1
COLD	Coldfoot	92.71	10	IAMB	IAMB	10 31 42.1	
COLD	Coldfoot	92.71	10	P	P	10 31 39.0	+0.9
J29M	Klondike Camp	92.74	16	P	P	10 31 40.3	+2.0
I27K	Kandik River	92.90	14	P	P	10 31 39.9	+0.8
IFYU	Fort Yukon	92.99	12	IAMB	IAMB	10 31 42.3	
G25K	Bearman Lake	93.00	12	P	P	10 31 41.2	+1.9
PZH	PanZhiHua	93.08	297	P	P	10 31 41.4	+0.5
PZH					pmx		
PZH	comp=Z,220nm,0.7s				pmx		
PZH	comp=Z,70nm,4.3s				pmx		
KSC0	Kaye Shedlock	93.16	49	P	P	10 31 42.1	+1.2
KSC0					IAMB	10 31 43.3	
KSC0	Kaye Shedlock	93.16	49	P	P	10 31 41.9	+1.0
KSC0					P		
EGMT	Eagleton	93.16	38	P	IAMB	10 31 41.7	+1.0
EGMT					IAMB	10 31 42.9	
EGMT	Eagleton	93.16	38	P	P	10 31 41.6	+0.8
BTO	Baotou	93.17	313	eP	S	10 31 42.6	+1.6
BTO					S	10 42 38.3	+1.1
BTO	comp=Z,60nm,1.1s				pmx		
BTO	comp=Z,840nm,7.4s				pmx		
BTO	comp=Z,540nm,7.5s				LR		
BTO	comp=Z,510nm,6.7s				LR		
BTO	comp=Z,770nm,5.2s				LR		
435B	Jarrell	93.18	58	IAMB	IAMB	10 31 43.2	
435B	Jarrell	93.18	58	P	P	10 31 42.2	+1.1
435B	Jarrell	93.18	58	P	P	10 31 42.5	+1.4
435B	Jarrell	93.18	58	P	P	10 31 42.5	+1.4
E22K	Anakutuv Pass	93.30	9	P	P	10 31 41.5	+0.7
CD2K	Chendgu	93.34	302	P	P	10 31 43.0	+1.1
F24K	Squaw Lake	93.36	11	P	P	10 31 42.1	+1.0
H27K	Steamboat Moun	93.46	14	P	P	10 31 42.7	+1.1
TRQA	Tronquist	93.46	134	eP	P	10 31 45.2	+2.8
I29M	Ogilvie Camp	93.46	15	IAMB	IAMB	10 31 43.5	
I29M	Ogilvie Camp	93.46	15	P	P	10 31 42.3	+0.7
E23K	Chandler	93.56	10	P	P	10 31 43.1	+1.0
G26K	Porcupine Rive	93.61	12	P	P	10 31 43.5	+1.3
E24K	Your Creek	93.76	10	P	P	10 31 43.9	+0.9
FW03	Perrin-Whitt E	93.78	56	IAMB	IAMB	10 31 46.0	
WHTX	Lake Whitney	93.80	57	P	P	10 31 41.5	-2.4
WHTX					IAMB	10 31 45.8	
WHTX	Lake Whitney	93.80	57	P	P	10 31 44.7	+0.8
WHTX	Lake Whitney	93.80	57	P	P	10 31 45.1	+1.2
F25K	Christian River	93.82	11	P	P	10 31 44.7	+1.4
KOTAN	Kotanalee Air	93.83	24	P	P	10 31 44.7	+1.3
BMAR	Burnt Mountain	93.87	12	P	P	10 31 44.7	+1.2
G27K	Doyon Strip	93.92	13	P	P	10 31 44.7	+1.0
FW13	Cleburne	93.97	57	IAMB	IAMB	10 31 47.1	
WMOK	Wichita Mounta	93.98	54	P	P	10 31 45.3	+0.5
WMOK	Wichita Mounta	93.98	54	P	P	10 31 45.3	+0.5
WMOK	Wichita Mounta	93.98	54	P	P	10 31 45.0	+0.2
ELIS	Ellis County	94.09	52	IAMB	IAMB	10 31 47.6	
FW14	Alvarado	94.17	57	IAMB	IAMB	10 31 47.5	
H26K	Sheenjek River	94.19	12	P	P	10 31 46.3	+1.4
HKT	Hockley	94.20	59j	eP	pmx	10 31 45.8	+0.1
HKT					pmx		
D23K	Nanushuk River	94.23	9	P	P	10 31 46.3	+1.2

E25K	Arctic Village	94.30	11	P	P	10 31 46.5	+1.1
OGNE	Ogallala	94.45	47	P	IAMB	10 31 46.8	-0.1
OGNE					IAMB	10 31 47.5	+0.7
OGNE	Ogallala	94.45	47	P	P	10 31 48.1	+1.3
Z35A	Perchaven, San	94.52	56	IAMB	IAMB	10 31 49.1	
Z35A	Perchaven, San	94.52	56	P	P	10 31 48.5	+1.3
LAO	LASA Array	94.53	41	IAMB	IAMB	10 31 49.9	
LAO	LASA Array	94.53	41	P	P	10 31 48.7	+1.6
LAO	LASA Array	94.53	41	P	P	10 31 49.0	+2.0
U32A	Winter Ranch,	94.53	52	P	IAMB	10 31 47.7	+0.5
U32A					IAMB	10 31 49.4	
U32A	Winter Ranch,	94.53	52	P	P	10 31 48.6	+1.4
X34A	Smith Ranch, M	94.63	54	IAMB	IAMB	10 31 50.9	
RSSD	Black Hills	94.63	44	P	P	10 31 48.4	+0.7
RSSD	Black Hills	94.63	44	P	P	10 31 48.4	+0.7
RSSD	Black Hills	94.63	44	P	P	10 31 48.6	+0.9
RSSD	Black Hills	94.63	44	P	P	10 31 48.7	+0.9
EPYK	Eagle Plains	94.67	15	P	P	10 31 47.7	+0.6
EPYK	Eagle Plains	94.67	15	P	P	10 31 47.9	+0.8
OK038	West End E0370	94.77	52	P	IAMB	10 31 48.0	-0.3
OK038					IAMB	10 31 50.8	
ATAH	Atahualpa	94.86	100	LR	LR	11 05 10.4	
OK035	E0210 Rd and N	94.89	52	P	IAMB	10 31 49.5	+0.7
OK035					IAMB	10 31 50.8	
E27K	Coleen River	95.11	13	P	P	10 31 50.4	+1.3
C24K	Franklin Bluff	95.21	10	P	P	10 31 50.3	+0.8
FNO	Franklin	95.23	54	P	IAMB	10 31 50.0	-0.4
FNO					IAMB	10 31 52.8	
G30M	toah Zriai Nj	95.28	15	P	P	10 31 50.7	+0.8
OK032	Salt Plains WL	95.29	52	P	IAMB	10 31 51.9	+1.3
OK032					IAMB	10 31 52.6	
YAK	Yakutsk	95.36	338	P	P	10 31 49.9	-0.4
YAK	Yakutsk	95.36	338	eS	SKSac	10 31 49.5	-0.8
YAK					eS	10 35 41.1	
YAK					eSS	10 42 51.7	+1.8
YAK					pmx	10 42 54.6	
YAK					pmx	10 49 30.3	+4.4
YAK	comp=Z,43nm,0.9s				pmx		
YAK	comp=N,5.0nm,1.0s				pmx		
YAK	comp=E,6.0nm,1.1s				pmx		
YAK	comp=Z,313nm,5.9s				pmx		
YAK	comp=E,153nm,5.3s				smx		
YAK	comp=N,88nm,4.7s				smx		
YAK	comp=N,80nm,3.8s				smx		
LZH	Lanzhou	95.48	307	eP	sP	10 31 52.8	+1.1
LZH					pmx	10 32 38.3	+1.7
W35A	Tecumseh	95.57	54	P	IAMB	10 31 53.3	+1.4
W35A					IAMB	10 31 54.3	
R32A	Long Quarter,	95.63	51	P	P	10 31 51.2	-1.0
R32A					IAMB	10 31 54.6	
A21K	Barrow	95.70	6	P	P	10 31 52.5	+0.9
A21K					IAMB	10 31 53.3	
A21K	Barrow	95.70	6	P	P	10 31 52.0	+0.4
KAN17	Caldwell West	95.72	52	IAMB	IAMB	10 31 54.6	
JTS	Las Juntas de	95.77	81	LR	LR	11 05 38.1	
KAN09	Caldwell North	95.86	52	IAMB	IAMB	10 31 55.4	
C27K	Jago River	95.95	11	P	P	10 31 53.5	+0.7
KS20	Mayfield South	95.95	52	IAMB	IAMB	10 31 56.4	
C26K	Camden Bay	96.00	11	P	P	10 31 54.4	+1.4
WRGLY	Wrigley	96.14	21	P	P	10 31 54.9	+1.1
F31M	Tsigehtechic	96.24	15	P	P	10 31 54.7	+0.6
LVC	Limon Verde	96.26	118	LR	LR	11 07 33.6	
LVC	Limon Verde	96.26	118	LR	LR	11 07 33.6	
HDC	Heredia	96.42	82	eP	P	10 31 57.4	+1.5
DGMT	Dagmar	96.60	40	P	P	10 31 55.5	-0.9
DGMT	Dagmar	96.60	40	P	P	10 31 57.3	+1.0
DGMT	Dagmar	96.60	40	P	P	10 31 58.0	+1.7
TUL1	Leonard	96.69	54	P	P	10 31 57.7	+0.6
INK	Inuvik	96.96	15	P	P	10 31 57.7	+0.3
INK	comp=Z,7.9nm,0.8s,baz=200,slow=4.3,SNR=25				PP	10 35 54.5	+0.4
INK	comp=Z,5.4nm,1.0s,baz=242,slow=8.2,SNR=5.3				PKKPbc	10 48 41.2	+0.3
INK	comp=Z,1.0nm,0.5s,baz=59,slow=16,SNR=5.6				PKKPbc		
INK	comp=Z,7.9nm,0.8s				P	10 31 57.7	+0.3
INK					IAMB	10 31 58.8	
INK	comp=Z,1.1nm,0.9s				P	10 31 57.9	+0.4
BGNE	Belgrade	97.29	48	P	Pdf	10 32 01.2	+1.5
K31A	O'Neill	97.39	47	P	Pdf	10 32 01.9	+1.8
K31A	O'Neill	97.39	47	P	Pdf	10 32 01.9	+1.7
KSU1	Kansas State U	97.40	51	P	Pdf	10 32 00.3	+0.1
OTAV	Otao	97.79	93	eP	Pdf	10 32 04.7	+1.5
E28A	Huff	97.85	43	P	Pdf	10 32 03.6	+1.5
E28A					IAMB	10 32 04.5	
ULN	Ulaanbaatar	98.38	319	P	P	10 32 02.9	-1.6
ULN	Ulaanbaatar	98.38	319	iP	pmx	10 32 04.3	-0.2
SONM	Songino Array	98.77	318	P	P	10 32 05.9	-0.3

17d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like IUG luzhny, KBL Kabul, CHM Chimkent, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ODD1 Odda, KONO Kongsberg, KONO Kongsberg, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BURAR Bucovina Array, BURAR Bucovina Array, LLUR Llanuwchllyn, etc.

17d 10h

2017 MAR

Table with multiple columns: Station Name, Frequency, Power, Mode, and various numerical data points. Includes station names like Hotel Rincón, La Escondida, Bagaces, Guayabo de Bag, etc.

OK033	comp=Z,16nm,0.8s	Iamb	Iamb	10 37 53.5	
QUOK	Quay	27.34 341	Iamb	Iamb	10 37 53.9
USIN	comp=Z,26nm,0.7s	27.46 358	Iamb	Iamb	10 37 54.3
UNiversity of	comp=Z,24nm,0.8s	27.46 358	Iamb	Iamb	10 37 54.3
MNTX	Cornudas Mount	27.61 323	P	P	10 37 56.8 +1.1
OK046	Pawnee Station	27.61 341	Iamb	Iamb	10 37 58.9
OK050	Pawnee Station	27.61 341	Iamb	Iamb	10 37 55.6 -0.3
OK050	Pawnee Station	27.61 341	Iamb	Iamb	10 38 07.6
OK048	Pawnee Station	27.64 341	P	P	10 37 55.6 -0.3
WCI	Wyandotte Cave	27.69 360	P	P	10 37 55.6 -0.8
WCI	Wyandotte Cave	27.69 360	P	P	10 37 55.2 -1.1
R49A	Shelbyville	27.77 2	Iamb	Iamb	10 37 57.2
R50A	Paris	27.80 3	Iamb	Iamb	10 37 57.8
CCM	Cathedral Cave	27.89 352	P	P	10 37 56.6 -1.4
CCM	Cathedral Cave	27.89 352	P	P	10 37 58.4
CCM	Cathedral Cave	27.89 352	PcP	PcP	10 41 14.4 +0.7
CCM	Cathedral Cave	27.89 352	P	P	10 37 57.0 -1.0
M3TA	Bolivar	27.89 348	P	P	10 37 56.9 -1.3
S59X	Muleshoe	27.91 330	P	P	10 37 58.7 +0.2
MSTX	Muleshoe	27.91 330	Iamb	Iamb	10 38 01.1
MSTX	Muleshoe	27.91 330	P	P	10 37 58.4 -0.1
T35A	Sooner Cattle	27.97 342	Iamb	Iamb	10 37 59.4
R53A	Hurricane	28.06 7	P	P	10 37 58.6 -1.0
R53A	Hurricane	28.06 7	Iamb	Iamb	10 38 00.2
AMTX	Amarillo	28.14 332	P	P	10 38 00.5 0.0
AMTX	Amarillo	28.14 332	Iamb	Iamb	10 38 10.9
AMTX	Amarillo	28.14 332	P	P	10 38 00.3 -0.2
ELIS	Ellis County	28.19 337	P	P	10 38 01.7 +0.8
ELIS	Ellis County	28.19 337	Iamb	Iamb	10 38 06.5
OLIL	Olney	28.25 357	P	P	10 38 00.9 -0.4
OLIL	Olney	28.25 357	Iamb	Iamb	10 38 01.5
R55A	Marlinton	28.29 10	Iamb	Iamb	10 38 02.5
ETMB	Extrema	28.30 135	P	P	10 38 02.4 +0.4
ETMB	Extrema	28.30 135	Iamb	Iamb	10 38 12.3
ETMB	Extrema	28.30 135	eP	P	10 38 02.3 +0.3
OK038	West end E0370	28.31 338	Iamb	Iamb	10 38 09.2
U32A	Winter Ranch	28.31 338	Iamb	Iamb	10 38 07.1
Q44A	Meyer Farm, Va	28.48 355	P	P	10 38 02.3 -1.1
NOKA	Waynoka	28.52 338	Iamb	Iamb	10 38 18.0
BLO	Bloomington	28.64 360	Iamb	Iamb	10 38 04.7
CBN	Corbin Frederi	28.79 15	P	P	10 38 06.5 +0.3
CBN	Corbin Frederi	28.79 15	Iamb	Iamb	10 38 06.8
MACA	Manacapura-AM	28.80 117	P	P	10 38 06.7 +0.2
MACA	Manacapura-AM	28.80 117	eP	P	10 38 07.0 +0.4
Q54A	Coxs Mills	28.86 9	Iamb	Iamb	10 38 07.4
P48A	Milroy	28.93 1	Iamb	Iamb	10 38 07.0
P49A	Miami Univ. Ec	29.03 2	Iamb	Iamb	10 38 07.8
P51A	Williamsport	29.08 5	P	P	10 38 08.2 -0.6
P51A	Williamsport	29.08 5	Iamb	Iamb	10 38 09.0
P46A	Rosedale	29.09 358	Iamb	Iamb	10 38 08.6
Q56A	Snyder Ridge	29.19 11	Iamb	Iamb	10 38 11.4
P43A	Skaggs, Pawnee	29.25 355	P	P	10 38 09.7 -0.5
P43A	Skaggs, Pawnee	29.25 355	Iamb	Iamb	10 38 16.5
P53A	Whipple	29.27 8	P	P	10 38 10.4 0.0
P52A	Corning	29.33 6	P	P	10 38 10.4 -0.0
P52A	Corning	29.33 6	P	P	10 38 10.1 -0.8
121A	Cookes Peak, D	29.65 321	P	P	10 38 13.8 -0.3
MCWV	Mont Chateau	29.67 10	P	P	10 38 13.6 -0.4
O49A	Covington	29.70 3	P	P	10 38 13.1 -1.1
O49A	Covington	29.70 3	Iamb	Iamb	10 38 13.6
O48B	Farmland	29.73 2	P	P	10 38 13.0 -1.5
P38A	Dawn	29.80 349	P	P	10 38 13.8 -1.3
P38A	Dawn	29.80 349	Iamb	Iamb	10 38 20.8
ACSO	Alum Creek Sta	29.84 5	P	P	10 38 14.5 -0.9
ACSO	Alum Creek Sta	29.84 5	P	P	10 38 14.2 -1.2
AFIN	Lafayette	29.85 359	P	P	10 38 13.8 -1.7
P57A	Homestead Farm	29.86 13	Iamb	Iamb	10 38 17.1
SAML	Samuel	29.95 129	P	P	10 38 16.1 -0.5
SAML	Samuel	29.95 129	eP	P	10 38 16.9 +0.2
KSU1	Kansas State U	30.03 344	Iamb	Iamb	10 38 25.8
KSU1	Kansas State U	30.03 344	P	P	10 38 15.8 -1.3
O53A	New Philadelphia	30.05 8	P	P	10 38 16.8 -0.5
O53A	New Philadelphia	30.05 8	P	P	10 38 16.2 -1.1
HD1L	Hopedale	30.14 355	P	P	10 38 16.7 -1.3
Y22L	IRIS PASSCAL=1	30.22 324	P	P	10 38 19.6 +0.5
Y22F	Pascal Instru	30.22 324	P	P	10 38 19.2 +0.2
N49A	Column Grove	30.44 3	P	P	10 38 19.6 -1.1
N41A	Harden Midland	30.44 353	P	P	10 38 19.3 -1.4
N41A	Harden Midland	30.44 353	Iamb	Iamb	10 38 20.1
DUN6	Lazy B Ranch	30.48 320	Iamb	Iamb	10 38 25.9
ANMO	Albuquerque	30.59 326	P	P	10 38 23.9 +1.4
ANMO	Albuquerque	30.59 326	P	P	10 38 24.5 +2.1
ANMO	Albuquerque	30.59 326	P	P	10 38 23.8 +1.4
ANMO	Albuquerque	30.59 326	pP	sP	10 38 30.1 +0.1
N53A	Lisbon	30.64 8	Iamb	Iamb	10 38 22.7
MVL	Millersville	30.75 15	Iamb	Iamb	10 38 24.8
PAGS	Freemont	30.87 14	P	P	10 38 24.4 -0.1
M50A	Premysylvania G	30.99 5	Iamb	Iamb	10 38 25.0 -0.6
M50A	Premysylvania G	30.99 5	Iamb	Iamb	10 38 25.4
SSPA	Standing Stone	30.99 12	P	P	10 38 25.2 -0.5
SSPA	Standing Stone	30.99 12	Iamb	Iamb	10 38 26.4
SSPA	Standing Stone	30.99 12	P	P	10 38 24.8 -0.8
SSPA	Standing Stone	30.99 12	pP	sP	10 38 25.5 -0.1
T25A	Trinidad	31.25 331	P	P	10 38 32.4 -0.3
T25A	Trinidad	31.25 331	P	P	10 38 29.4 +1.3
M53A	WI Miller and	31.29 8	P	P	10 38 27.9 -1.1
TUC	Tucson	31.43 318	P	P	10 38 30.1 +0.4
TUC	Tucson	31.43 318	P	P	10 38 29.8 +0.1
TUC	Tucson	31.43 318	P	P	10 38 31.8 +2.1
TUC	Tucson	31.43 318	pP	sP	10 38 37.6 +0.5
L48A	N Adams	31.45 3	P	P	10 38 28.2 -1.3
N58A	Sunbury	31.45 14	Iamb	Iamb	10 38 29.1 -0.6
N58A	Sunbury	31.45 14	Iamb	Iamb	10 38 30.4
L42A	Oliver, Polo	31.61 355	P	P	10 38 29.3 -1.7
KSCO	Kaye Shedlock	32.02 336	P	P	10 38 34.5 -0.3
KSCO	Kaye Shedlock	32.02 336	Iamb	Iamb	10 38 36.4

KSCO	Kaye Shedlock	32.02 336	P	P	10 38 34.9 +0.1
LPZ	La Paz	32.02 146	P	P	10 38 37.5 +1.9
LPZ	La Paz	32.02 146	LR	LR	10 52 13.7
LPZ	La Paz	32.02 146	eP	P	10 38 37.1 +1.5
LPZ	La Paz	32.02 146	P	P	10 38 36.5 +0.9
LPZ	La Paz	32.02 146	pP	sP	10 38 43.3 +0.4
ERPA	Ernie	32.05 9	P	P	10 38 33.3 -1.6
ERPA	Ernie	32.05 9	P	P	10 38 33.6 -1.4
SDCO	Great Sand Dun	32.25 331	Iamb	Iamb	10 38 39.9
SDCO	Great Sand Dun	32.25 331	P	P	10 38 38.0 +0.9
JFWS	Jewell Farm	32.56 355	P	P	10 38 37.5 -1.9
JFWS	Jewell Farm	32.56 355	P	P	10 38 38.1 -1.3
214A	Organ Pipe Nat	32.59 315	Iamb	Iamb	10 38 44.2
214A	Organ Pipe Nat	32.59 315	P	P	10 38 42.8 +3.0
K38A	Parkersburg	32.61 351	P	P	10 38 38.3 -1.5
PIX	Pinacate	32.82 314	P	P	10 38 43.6 +1.8
S22A	4UR Ranch, Cre	32.91 329	P	P	10 38 44.7 +1.8
BINY	Binghamton	32.91 14	P	P	10 38 42.1 -0.4
MMNY	Mt. Morris Dam	33.01 11	P	P	10 38 42.2 -1.0
MVCO	Mesa Verde	33.38 327	Iamb	Iamb	10 38 47.9 +0.9
MVCO	Mesa Verde	33.38 327	P	P	10 38 57.2 +1.2
MVCO	Mesa Verde	33.38 327	P	P	10 38 47.1 +0.2
OGNE	Ogallala	33.45 338	Iamb	Iamb	10 38 47.9 +0.5
OGNE	Ogallala	33.45 338	Iamb	Iamb	10 38 49.8
OGNE	Ogallala	33.45 338	P	P	10 38 47.8 +0.4
MDP	Montagnes des	33.70 96	LR	LR	10 53 56.7
MDP	Montagnes des	33.70 96	LR	LR	10 53 56.7
ITTB	Itaituba	33.75 114	eP	P	10 38 50.8 +0.7
WUAZ	Wupatki	33.85 322	P	P	10 38 52.2 +1.2
MALB	Monte Alegre	34.08 109	eP	P	10 38 55.7 +2.7
SMCO	Snowmass	34.09 331	P	P	10 38 54.3 +1.0
PV01	Paradox Valley	34.10 328	P	P	10 38 54.5 +1.3
PV15	Paradox Valley	34.21 328	Iamb	Iamb	10 39 07.2
PV13	Radium Mtn., P	34.25 327	Iamb	Iamb	10 38 57.3
PV11	David Mesa, P	34.38 328	P	P	10 38 56.6 +1.0
PV11	David Mesa, P	34.38 328	Iamb	Iamb	10 38 58.2
ECSD	EROS Data Cent	34.39 347	P	P	10 38 53.3 -2.1
ECSD	EROS Data Cent	34.39 347	PcP	PcP	10 41 31.2 +0.3
ECSD	EROS Data Cent	34.39 347	P	P	10 38 53.4 -2.0
PV10	Paradox Valley	34.53 328	Iamb	Iamb	10 39 05.7
PV23	Carpenter Ridge	34.57 328	Iamb	Iamb	10 39 09.8
WILB	Wilma	34.75 131	eP	P	10 38 58.7 -0.1
SADO	Sadowa	34.77 9	LR	LR	10 53 37.3
SADO	Sadowa	34.77 9	P	P	10 38 57.1 -1.5
SADO	Sadowa	34.77 9	Iamb	Iamb	10 38 58.3
PDMCI	Parker Dam,Lak	34.87 317	P	P	10 39 02.1 +2.5
G40A	Rib Lake	34.89 355	P	P	10 38 57.8 -1.9
G40A	Rib Lake	34.89 355	Iamb	Iamb	10 38 58.9
N23A	Red Feather L	34.99 334	P	P	10 39 02.1 +1.2
U15A	North Rim	35.01 322	Iamb	Iamb	10 39 06.7
SPMN	Marine on St.	35.14 352	P	P	10 38 59.5 -2.3
SPMN	Marine on St.	35.14 352	P	P	10 38 59.4 -2.3
W13A	Hualapai Mount	35.17 319	Iamb	Iamb	10 39 07.0
SWSC	Sam W. Stewart	35.24 314	P	P	10 39 04.9 +2.1
IKP	In-Ko-Pah, Jac	35.30 313	P	P	10 39 05.7 +2.2
IPGB	Novo Progresso	35.31 118	eP	P	10 39 03.2 -0.4
BC3	Big Chuckawall	35.38 315	P	P	10 39 06.5 +2.3
O20A	White River Ci	35.45 330	P	P	10 39 04.8 0.0
O20A	White River Ci	35.45 330	Iamb	Iamb	10 39 08.3
O20A	White River Ci	35.45 330	PcP	PcP	10 41 35.6 +1.3
O20A	White River Ci	35.45 330	P	P	10 39 05.9 +1.2
IRM	Iron Mountain	35.46 316	P	P	10 39 06.1 +1.4
SUSD	Miller	35.64 344	P	P	10 39 04.9 -1.2
COWI	Conover	35.65 357	P	P	10 39 04.0 -2.2
MONPZ	Monument Peak	35.65 313	P	P	10 39 09.1 +2.5
PKCU	Pink Cliffs	35.70 323	Iamb	Iamb	10 39 18.1
E43A	Lone Tree Farm	35.84 359	Iamb	Iamb	10 39 08.2
SRU	San Rafael Sev	35.85 327	P	P	10 39 09.0 +0.8
SRU	San Rafael Sev	35.85 327	Iamb	Iamb	10 39 10.9
F36A	Milaca	35.87 351	P	P	10 39 05.9 -2.1
BELC	Belle Mtn, Jos	35.95 315	P	P	10 39 12.0 +2.8
TPFO	Pion Flats	36.05 314	P	P	10 39 12.9 +3.0
PFO	Pinyon Flats O	36.06 314	P	P	10 39 13.2 +3.2
PFO	Pinyon Flats O	36.06 314	P	P	10 39 13.3 +3.3
PFO	Pinyon Flats O	36.06 314	P	P	10 39 12.2 +2.1
PFO	Pinyon Flats O	36.06 314	pP	sP	10 39 19.4 +1.9
109C	Camp Elliot, M	36.14 313	P	P	10 39 13.5 +3.0
GMRC	Granite Mounta	36.16 317	P	P	10 39 13.0 +2.1
Y12A	Nelson	36.18 319	Iamb	Iamb	10 39 15.2
RWWY	Rawlins	36.19 333	P	P	10 39 11.7 +0.5
RWWY	Rawlins	36.19 333	Iamb	Iamb	10 39 13.7
RWWY	Rawlins	36.19 333	PcP	PcP	10 41 37.9 +1.4
P17A	Butcher Ranch,	36.23 327	P	P	10 39 12.4 +1.0
P17A	Butcher Ranch,	36.23 327	Iamb	Iamb	10 39 14.2
E38A	The Farm, Brul	36.35 354	Iamb	Iamb	10 39 11.8
TMUT	Trail Mountain	36.36 326	P	P	10 39 14.7 +2.0
TMUT	Trail Mountain	36.36 326	Iamb	Iamb	10 39 16.4
MVU	Marysvalle	36.36 325	P	P	10 39 13.2 +0.5
RDMU	Red Mountain	36.44 329	P	P	10 39 13.9 +0.6
RDMU	Red Mountain				

Table with columns: Code, Station Name, Az, El, Res, Time, Res. Includes stations like Pantanal, Pah Range, Emerald Bay, Dillon, Maritz Peak, etc.

Table with columns: Code, Station Name, Az, El, Res, Time, Res. Includes stations like Steele Glacier, Solenne Creek, Barlow Dome, Resolute Bay, etc.

Table with columns: Code, Station Name, Az, El, Res, Time, Res. Includes stations like Tanana, Tanana, Tanana, Tanana, etc.

IDC 17 10:47:20.3, 38.47N-31.82E, h2km, ML2.7
DDA 17 10:47:20.8, 0.0, 38.47N-31.79E, h5km-2km, MW3.6
IDC 17 10:47:20.3, 1.2, 38.58N-31.70E, h0km, mb3.6/5,
mbmp3.5/6, ML3.6/1, MS3.4/2, Error ellipse: s-maj=40.2km
s-min=15.6km az=142.0

Table with columns: Code, Station Name, Az, El, Res, Time, Res. Includes stations like KADHN, KADHN, KADHN, KADHN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include T1217, T1241, T1242, etc.

ROM 17:54:17.6:0.2, 43.006N:0.004:13.053E:0.007, h2km, 3km, ML1.2/7, Error ellipse: s-maj=0.6km s-min=0.4km az=268.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include FDMO, T1219, T1220, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include T1216, MC2, T1212, OFFI, RM33, TERO, etc.

Table with columns: YAK, ULN, SONM, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, etc. Rows include Yakutsk, Ulaanbaatar, Songino Array, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KUUY Kurly, MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TIXI Tiksi, MA2 Magadan, MA2 Magadan, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TORD Torodi Ar. Bea, RPZ Rata Peas, BORG Borgarnes, etc.

JMA 17:14:23.2, 7.0, 3.5; 7N:0.6; 140'E:0.8; h49km, 1km, MV2 73A, NEAR CHOSHI CITY

17d 14h

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 JSMT Sammumatsuo, JIHU Itakohorinouch, JCN Nagara, etc.

1DC 17 14:28:13.0z-0.7, 59.48S:25.16W, h0km, mb4.3/10, mbmp4.3/11, ML4.6/1, MS3.7/11, Error ellipse: s-maj=23.0km s-min=18.5km az=17.0

NEIC 17 14:28:14.3z-1.2, 59.55S:0.04z-0.25, 0W:0.2, h10km, mb4.9/27, Error ellipse: s-maj=20.1km s-min=6.5km az=91.0

ISC 17 14:28:16.9z-0.5, 59.63S:0.08z-25.02W:0.10, h27km, n53, r120/49, mb4.7/21, MS3.7/10, South Sandwich Islands region

Main table for South Sandwich Islands region 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 VNA1 Neumayer-Stat, VNA2 Neumayer Olymp, SNA5 Snaae, etc.

2017 MAR

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 NVAR Mina Array Bea, ARCES ARCESS Array B, MKAR Machochi Array, etc.

1DC 17 14:31:21.5z-1.9, 12.54N:144.44E, h57km, mb3.1/5, mbmp2.4/5, Error ellipse: s-maj=56.7km s-min=18.2km az=106.0

ISC 17 14:31:18.7z-1.1, 12.55N:0.2z-144.3E:0.3, h30km, n9, r110/7, mb3.4/5, South of Mariana Islands

Main table for South of Mariana Islands 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 GUMO Guam, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, etc.

UCR 17 14:39:58.4z-2.0, 10.39N:86.24W, h0km, mb4.5(NEIC)

INET 17 14:40:01.3z-1.9, 10.37N:86.20W, h19km, mb4.2

NEIC 17 14:40:03.1z-2.8, 10.58N:0.08z-86.18W:0.08, h31km, mb4.2/23, Error ellipse: s-maj=14.8km s-min=6.6km az=42.0

ISC 17 14:40:04.8z-1.6, 11.05N:85.43W, h50km, mb3.8/10, mbmp4.1/11, ML3.6/1, MS3.5/9, Error ellipse: s-maj=37.5km s-min=19.7km az=54.0

ISC 17 14:39:59.1z-1.6, 10.38N:0.04z-86.30W:0.05, h24km, n11km, r117, r135/130, mb4.4/23, MS3.5/7, Costa Rica

Main table for Costa Rica 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 SACU Santa Cruz, DELF Fidelia, HZTE Horizontes, etc.

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Main table for 1006 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 152A Waverly Hall, LRAL Lakeview Retre, Z51A Franklin, etc.

AEIC 17 14:45:52.6z-3.0, 60.56N:0.03z-143.09W:0.04, h3km, mb3.6km, ML3.2, ML3.4/103(NEIC), Error ellipse: s-maj=5.2km s-min=2.5km az=200.0

ANF 17 14:45:54.6z-3.0, 60.61N:0.143z-143.00W, h0km, ML3.6/55, ML3.6/56, Error ellipse: s-maj=4.1km s-min=2.3km az=12.0

NEIC 17 14:45:55.6z-3.8, 60.64N:0.03z-143.01W:0.03, h10km, mb3.6km, Error ellipse: s-maj=6.0km s-min=3.0km az=24.0

ISC 17 14:45:54.4z-0.8, 60.59N:0.02z-143.05W:0.02, h10km, n202, r187/213, South Alaska

Main table for South Alaska 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 KIAG Kiagna River, BALM Baldy, CYK Cape Yakataga, etc.

Table with columns: O28M, O28V, DIV, PCA, PINM, PINM, KLU, KLU, YUK3, YUK8, BCPI, M26K, M26K, M27K, M27K, M27K, M27K, YK2U, MID, MID, Q23K, Q23K, Q23K, PNL, PNL, PNL, HARP, BVCY, BVCY, M24K, M24K, M24K, Q29M, Q29M, P23K, P23K, YUK4, YUK6, SCM, SCM, L26K, L26K, L26K, L27K, L27K, M23K, M23K, PWL, PWL, PWL, PAX, PAX, PAX, HYT, HYT, HYT, KNK, KNK, SML, SML, SML, M29M, N30M, P30M, GHO, GHO, GHO, DOT, PMR, PMR, PMR, SEW, RIDG, RIDG, RIDG, RIDG, RC01, RC01, RC01, O30N

Table with columns: O30N, SCRK, L29M, L29M, K24K, K27K, K27K, PLBC, SLKM, M30M, M30M, N31M, N31M, N31M, SUA, SUA, SUA, SUA, DAWY, DAWY, DAWY, CUT, BRSE, RND, RND, BRLL, BRLL, SKAG, SKAG, SKAG, SKAG, MCK, MCK, CNPM, HDA, HDA, EGAK, EGAK, EGAK, EGAK, SKT, SKT, SKT, S31K, SPU, TRF, TRF, TRF, M31M, M31M, M31M, MAYO, MAYO, WRH, WRH, WRH, BESE, CCB, I26K, KTH, RSO, COLA, COLA, TCOL, NEA2, NEA2, PPLA, FARO, FARO, MDM, MDM, M20K, ILSW, PRP, I27K, P33M, P33M, P33M, BPAW, BPAW, BPAW, I29M, I29M, I23K, I23K, CHUM, L20K, M19K, M19K, MLY, MLY, H24K, H27K

Table with columns: K20K, K20K, L19K, L19K, H23K, H23K, SVW2, SVW2, I21K, G27K, G25K, G26K, G24K, H21K, H21K, G23K, DLBC, G30M, F25K, F25K, F24K, COLD, E25K, E27K, E24K, F21K, INK, INK, INK, D25K, C27K, KOTAN, IDC 17 14:46:16.8, IDC 17 14:46:22.1, Code, Station Name, Az, Phase ID, Time Res, KRSR, H11S3, H11S1, H11S2, WRA, ZALV, MKAR, YKA, NVAR, BUJ 17 14:52:54, MOS 17 14:52:55, NEIC 17 14:52:55, DJA 17 14:52:56, IDC 17 14:52:57, IDC 17 14:52:56, Code, Station Name, Az, Phase ID, Time Res, SAUI, SAUI, SAUI, SAUI, BNDI, BNDI, BNDI, AAI, AAI, AAI, FAKI, FAKI, FAKI, SANI, SANI, SOEI, SOEI, SOEI, MTN, MTN, MTN, KDU, KDU, RKPI, MMRI, MMRI, MMRI, SRPI, LUWI, LUWI, KNRA, KNRA

17d 14h

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

2017 MAR

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like B700, BBOO, BBD0, etc.

1008

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

17d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GRAC Grapevine Rang, TUQ Turquoise Mountain, NVAR Mina Array Bea, etc.

2017 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like TRF Thorofore Moun, CHUM Lake Minchumini, HARP HAARP, etc.

1010

Table with columns for station name, frequency, power, and other technical details. Includes stations like H23K Yukon River, L29M L29M, G21K Allakaket, etc.

17d 16h

Table with columns: Call sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TKNZ, PLWZ, DUWZ, etc.

MOS 17 16:25:37.8±1.1, 43.98N:147.50E, h72km, mb4.3/1, Error ellipse: s-maj=13.5km s-min=12.2km az=131.5

SKHL 17 16:25:38.0±1.1, 43.90N:147.60E, h79km, mb4.8/3

JMA 17 16:25:39.8±0.2, 43.8N:0.8±14.7E, h29km, MV4.0/0, E OFF HOKKAIDO

NIED 17 16:25:39.8, 43.82N:147.38E, h29km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14N/m

ISC 17 16:25:42.5±3.6, 44.08N:147.38E, h92km, mb3.4/15, mbmp3.7/16, MS2.9/1, Error ellipse: s-maj=24.8km

ISC 17 16:25:37.4±1.3, 43.85N:0.06±147.65E:0.07, h55km, mb3.9km, n55, c1562/69, mb3.7/15, Kuril Islands

Main table of station data for the 17d 16h period, including columns for Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SHO, YUK, KUR, etc.

2017 MAR

Table of station data for the 2017 MAR period, including columns for Call sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like YKA, ARCES, WRA, etc.

IDC 17 16:29:16.9±2.1, 26.27N:126.36E, h126km, 22km, mb3.1/5, mbmp3.5/7, MS3.4/1, Error ellipse: s-maj=37.9km

JMA 17 16:29:17.0±0.2, 26.26N:126.36E, h121km, 22km, MV3.7/24, NW OFF OKINAWAJIMA IS

ISC 17 16:29:17.3±0.8, 26.40N:126.24E:0.07, h124km, 9km, n39, c1922/58, mb3.3/5, Ryukyu Islands

Main table of station data for the 2017 MAR period, including columns for Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like JKE, JAGN, JAGN, etc.

NEIC 17 16:29:47.2±2.2, 18.3N:0.1±146.0E:0.1, h119km, 6km, mb4.3/25, Error ellipse: s-maj=17.3km s-min=15.8km

IDC 17 16:29:47.8±0.7, 18.44N:145.86E, h127km, 7km, mb3.4/9, mbmp3.8/10, MS3.1/1, Error ellipse: s-maj=26.6km

ISC 17 16:29:48.9±0.6, 18.38N:0.08±145.9E:0.1, h145km, n47, c146/44, mb4.1/21, Mariana Islands

Main table of station data for the 2017 MAR period, including columns for Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like GUMU, JOW, JOW, etc.

1012

Table of station data for the 1012 period, including columns for Call sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like WB2, WRA, FITZ, etc.

IDC 17 16:55:20.9±0.7, 54.83N:167.96E, h0km, mb3.6/13, mbmp3.7/15, ML3.4/2, Error ellipse: s-maj=24.9km

KRSC 17 16:55:22.7±0.3, 54.66N:167.82E, h27km, 4km, M4.1

ISC 17 16:55:22.1±0.6, 54.74N:0.09±168.04E:0.05, h10km, n34, c136/36, mb3.6/13, Komandorski Islands region

Main table of station data for the 1012 period, including columns for Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like BKI, KBTR, SHEM, etc.

0.7nm,0.7s,baz=15,slow=5.9,SNR=12
0.7nm,0.7s

JMA 17 16:59:55.3-0.3,36.3N,0.6-14.2E, h19km, MV3.1/34,
FAR E OFF IBARAKI PREF
IDC 17 16:59:56.3-1.7,36.63N,141.78E,h0km,mb3.3/3,
mbmp3.3/5,ML2/6/2,Error ellipse: s-maj=37.1km
s-min=27.2km az=60.0

ISC 17 16:59:55.4-2.0,36.31N,0.09-141.9E,0.1,h19km,n16,
o1818/17,mb3.3/3,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include stations like CHOSI, Hitachinakayam, Hitachi, Iwakimizuishi, etc.

ROM 17 17:05:49.2-0.1,42.863N,0.0003-13.333E,0.0005,
h24km,ML2.3/33,20C-16D,Error ellipse: s-maj=0.4km
s-min=0.1km az=240.0,Central Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include stations like MONTEMONACO, Roccafluvione, Castelsantange, etc.

Main table with columns: Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include stations like FIORDIMONTE, Camerino, Frazio, etc.

Table with columns: Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include stations like MORRO REATINO, Castel Sant'An, etc.

17d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like BRVK Borovoye, AKTO Aktyubinsk, WSAR Wadi Sarin, etc.

2017 MAR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like JAYA Jaquay-finc, LFRS El Faro, PMON Piamonte, etc.

1016

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like H112 WAKE ISLAND Hy, WB0 Warramunga Arr, WRAB Tennant Creek, etc.

GCG 17 18:03:07.7-0.6, 13:51N-89:46W, h175km, 17km, MD3.9
SNET 17 18:03:10.5-1.1, 13:20N-89:35W, h52km, ML4.0
INET 17 18:03:11.8-1.0, 13:27N-89:24W, h65km, 21km, ML4.0
ISC 17 18:03:09.8-1.7, 13:08N-0:09-89:34W-0.04, h30km, 13km, n26, c0878/41, 2C-3D, El Salvador

NEIC 17 18:05:50.2-1.2, 8:00S:0:07+161:02E-0:08, h10km, 1km, mb5.1/90, Error ellipse: s-maj=14.1km s-min=11.1km az=108.0

GCMT 17 18:05:51.2-0.3, 8:06S:0:03+161:07E-0:03, h14km, 1km, MV4/8/87, Moment Tensor Solution. s12,c14; s87,c10; Duration: 0. Moment Tensor: Scale 10^10Nm; Mr1.80+14; Mw-1.02+08; Mw-0.78+09; Mw0.12+19; Mw0.57+04; Mw-0.70+23; Best double couple: Mo 1.76000+0.10; Np1+325.00000; S53.00000; A.108.00000; Np2+117.00000; S40.00000; L67.00000; Principal axes: T 2.0000, Plg74.0000; Azm289.0000; N -0.4830, Plg14.0000; Azm134.0000; P -1.5210, Plg7.0000; Azm43.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 17 18:05:52.1-0.9, 8:11S:160:94E, h36km, mb5.1/30 Error ellipse: s-maj=11.0km s-min=9.4km az=96.7
BUJ 17 18:05:53.6-0.0, 7:71S:161:09E, h37km, mb4.6/54, mb5.2/24, Ms4.6/2, Ms7.4/4.3

IDC 17 18:05:56.1-2.4, 8:08S:160:90E, h49km, h33km, mb4.1/21, mbmp4.3/25, ML4.2/3, MS3.9/33, Error ellipse: s-maj=21.1km s-min=17.4km az=113.0
ISC 17 18:05:53.7-0.3, 8:00S:0:04+161:02E-0:06, h35km, n279, c1562/269, mb4.9/88, MS4.1/37, 3C-16D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like HNR Honiara, KOUNC Koumang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like KSR5 Korea Array, INCN Incheon, etc.

IDC 17 17:59:53.8-55.0, 17:34S-179:52W, h446km, 77km, mb3.0/3, mbtmp3.7/4, Error ellipse: s-maj=1051.0km s-min=130.8km az=79.0, Fiji Islands region

PSI	comp=Z,7.0nm,0.5s		pmax	pmax			
GYA	Guinyang	62.86 305	||P	P	18 16 19.3	+2.6	
GYA	comp=Z,8.0nm,1.6s		pmax				
GSI	Gunungsitoli	63.93 275	P	P	18 16 22.4	-1.4	
XAN	Xi'an	64.65 314	P	P	18 16 28.8	+0.5	
XAN	comp=Z,6.0nm,1.5s		pP	pmax	18 16 43.3	+1.6	
HEH	HeiHe	64.94 337	eP	P	18 16 30.6	+0.8	
HEH	comp=Z,8.0nm,1.0s		pmax	pmax			
PHRA	Phrae	65.48 294	P	P	18 16 33.5	-0.4	
KMI	Kunming	65.57 302	||P	P	18 16 36.8	+2.2	
KMI	comp=Z,14nm,1.1s		pP	pmax	18 16 48.8	+0.6	
XLT	XiLinHaoTe	65.72 326	||P	P	18 16 36.8	+1.8	
XLT	comp=Z,22nm,1.4s		pmax	pmax			
CRAI	Chiangrai	65.90 296	P	P	18 16 36.2	-0.4	
HHC	Hu-ho-hao-te	66.53 321	eP	P	18 16 41.1	+0.8	
HHC	comp=Z,190nm,6.0s		pmax	pmax			
CM31	Chiang Mai Arr	66.63 294	P	P	18 16 41.2	0.0	
CM31	comp=Z,12nm,1.2s		IAMB	IAMB	18 16 44.5		
CMAR	Chiang Mai Arr	66.63 294	P	P	18 16 42.6	+1.3	
CMAR	comp=Z,4.0nm,1.1s		IAMB	IAMB			
CMAR	Chiang Mai Arr	66.63 294	P	P	18 16 39.6	-1.7	
CMAR	Chiang Mai Arr	66.63 294	I/P	P	18 16 43.0	+1.7	
CMAR	comp=Z,4.0nm,1.0s		pmax	pmax			
CHTO	Chiang Mai	66.73 294	P	P	18 16 40.9	-1.1	
CHTO	Chiang Mai	66.73 294	P	P	18 16 40.9	-1.1	
PZH	ParZhiHua	66.92 303	P	P	18 16 43.3	+1.1	
PZH	comp=Z,10.0nm,0.9s		pmax	pmax			
PZH	comp=Z,100nm,3.8s		pmax	pmax			
CD2	Chengdu	67.07 308	P	P	18 16 44.0	+0.1	
BTO	Beotou	67.36 320	eP	P	18 16 49.3	+3.7	
BTO	comp=Z,3.7nm,1.1s		pP	SS	18 16 59.8	+0.6	
BTO	comp=Z,15nm,0.5s		pmax	pmax	18 29 59.3	-0.4	
BTO	comp=Z,130nm,3.9s		pmax	pmax			
BTO	comp=Z,440nm,5.3s		LR	LR			
UNV	Unalaska Valle	67.44 20	P	P	18 16 47.0	+1.3	
ZEA	Zeya	67.80 339	eP	P	18 16 49.8	+1.8	
ZEA	comp=N,10.0nm,1.3s		pmax	pmax			
ZEA	comp=Z,10.0nm,1.3s		pmax	pmax			
MA2	Magadan	67.85 354	LR	LR	18 42 25.9		
VNDA	Vanda	69.49 160	LR	LR	18 43 03.9		
VNDA	comp=Z,102nm,19.6s		pmax	pmax			
ULN	Ulanbaatar	73.14 325	P	P	18 17 20.4	-0.5	
ULN	comp=Z,13nm,1.2s		IAMB	IAMB	18 17 23.8		
ULN	Ulanbaatar	73.14 325	eP	P	18 17 22.4	+1.5	
ULN	comp=Z,19nm,1.7s		pmax	pmax			
SOM1	Songino Array	73.49 325	P	P	18 17 24.4	+1.4	
SOM1	comp=Z,3.3nm,1.0s		pmax	pmax			
SOM1	comp=Z,38nm,20.9s		LR	LR	18 48 20.7		
SOM1	Songino Array	73.49 325	P	P	18 17 23.5	+0.5	
SOM1	Songino Array	73.49 325	P	P	18 17 23.5	+0.5	
SOM1	comp=Z,10.0nm,1.2s		pmax	pmax			
GTA	Gaotai	73.61 315	eP	P	18 17 25.8	+1.9	
GTA	comp=Z,7.0nm,1.6s		pmax	pmax			
YAK	Yakutsk	73.93 345	P	P	18 17 25.8	+0.8	
YAK	comp=Z,2.0nm,0.3s		pmax	pmax			
YAK	comp=Z,110nm,22.0s		LR	LR	18 46 43.3		
YAK	Yakutsk	73.93 345	P	P	18 17 25.0	0.0	
YAK	comp=Z,2.0nm,0.3s		IAMB	IAMB	18 17 27.4		
YAK	Yakutsk	73.93 345	eP	P	18 17 26.0	+1.0	
YAK	comp=Z,20nm,1.0s		pP	pP	18 17 37.9	-0.9	
YAK	comp=Z,19nm,1.0s		e	e	18 17 40.4		
YAK	comp=Z,19nm,1.0s		e	e	18 20 12.3		
YAK	comp=Z,19nm,1.0s		eS	SS	18 26 56.1	+1.8	
YAK	comp=Z,19nm,1.0s		eSS	SS	18 27 27.8		
YAK	comp=Z,19nm,1.0s		pmax	pmax	18 31 36.4	-3.0	
YAK	comp=N,3.0nm,1.0s		pmax	pmax			
YAK	comp=E,3.0nm,1.3s		pmax	pmax			
YAK	comp=Z,73nm,3.8s		smax	smax			
YAK	comp=N,151nm,5.7s		smax	smax			
OHAK	Old Harbor	74.91 24	P	P	18 17 31.2	+0.3	
SHL	Shilong	74.98 299	IAMB	IAMB	18 17 34.2	-1.0	
SHL	comp=Z,28nm,1.3s		pmax	pmax	18 17 31.2	-1.0	
SHL	Shilong	74.98 299	P	P	18 17 31.2	-1.0	
KDAK	Kodiak Island	75.57 24	LR	LR	18 47 39.5		
BILL	Bilibino	75.94 2	P	P	18 17 36.4	-0.2	
BILL	comp=Z,93nm,18.1s		IAMB	IAMB	18 17 38.9		
BILL	Bilibino	75.94 2	eP	P	18 17 37.1	+0.5	
BILL	comp=Z,15nm,1.2s		e	e	18 17 49.3		
BILL	comp=Z,17nm,1.7s		pmax	pmax	18 20 28.2		
ZAK	Zakamensk	76.57 326	eP	P	18 17 41.4	+0.7	
ZAK	comp=Z,6.0nm,1.6s		pmax	pmax			
ANM	Nome	76.61 14	P	P	18 17 40.7	+0.2	
ANM	Nome	76.61 14	P	P	18 17 40.7	+0.2	
ANM	comp=Z,11nm,1.4s		pmax	pmax			
ANM	Nome	76.61 14	P	P	18 17 43.1	+2.6	
ANM	comp=Z,214						
SVW2	Sparrevohn	76.78 20	P	P	18 17 41.5	+0.1	
M19K	Big River Lodg	77.75 20	P	P	18 17 47.2	+0.3	
M19K	Big River Lodg	77.75 20	P	P	18 17 50.0	+3.0	
L19K	White Mountain	77.79 20	P	P	18 17 50.6	+3.4	
L20K	Farwell, AK	78.33 20	P	P	18 17 52.9	+2.7	
CAST	Castle Rocks	79.57 20	P	P	18 17 58.5	+1.6	
BPAW	Bear Paw Mtn.	80.39 19	P	P	18 18 02.2	+0.8	
I21K	Tanana	80.81 18	P	P	18 18 03.6	+0.2	
MCK	McKinley	80.84 20	P	P	18 18 03.9	+0.1	
MCK	comp=Z,26nm,1.2s		IAMB	IAMB	18 18 11.1		
MCK	McKinley	80.84 20	P	P	18 18 03.9	+0.1	
MCK	comp=Z,26nm,1.2s		pmax	pmax			
MCK	McKinley	80.84 20	P	P	18 18 05.1	+1.3	
H21K	Melozitna Rive	80.88 18	P	P	18 18 04.5	+0.6	
H21K	Melozitna Rive	80.88 18	P	P	18 18 06.5	+2.5	
MLY	Manley	81.09 19	P	P	18 18 04.9	-0.2	
MLY	comp=Z,22nm,1.6s		IAMB	IAMB	18 18 12.9		
MLY	Manley	81.09 19	P	P	18 18 06.9	+1.8	
NEA2	Nenana	81.35 20	P	P	18 18 06.4	0.0	
NEA2	comp=Z,228		IAMB	IAMB	18 18 13.5		

NEA2	Nenana	81.35 20	P	P	18 18 07.3	+0.9	
H22K	Ishatlina Cre	81.48 18	P	P	18 18 09.4	+2.3	
PALK	Pallekele	81.50 279	LR	LR	18 18 13.0		
F21K	Alatina Rive	81.78 21	P	P	18 18 10.7	+2.0	
MDM	Murphy Dome	81.86 19	P	P	18 18 08.5	-0.6	
MDM	comp=Z,18nm,1.3s		IAMB	IAMB	18 18 16.9		
COLA	College	81.93 20	d/P	P	18 18 09.9	+0.5	
COLA	comp=Z,17nm,1.4s		pmax	pmax			
HDA	Harding Lake	81.95 20	P	P	18 18 08.9	-0.7	
HDA	comp=Z,27nm,1.5s		IAMB	IAMB	18 18 17.8		
HDA	Harding Lake	81.95 20	P	P	18 18 10.9	+1.4	
QSPA	South Pole Qui	81.98 180	LR	LR	18 52 04.2		
H23K	Yukon River	82.00 18	P	P	18 18 10.3	+0.4	
IL31	comp=Z,16nm,1.5s		IAMB	IAMB	18 18 12.4		
IL31	Yukon River	82.00 18	P	P	18 18 10.3	+0.4	
ILAR	Eielson Array	82.19 20	P	P	18 18 11.3	+0.5	
ILAR	comp=Z,1.3nm,0.6s		LR	LR	18 48 47.4		
ILAR	comp=Z,74nm,21.7s		pmax	pmax			
ILAR	Eielson Array	82.19 20	P	P	18 18 09.8	-1.1	
ILAR	Eielson Array	82.19 20	P	P	18 18 09.8	-1.1	
POKR	Poker Flat Res	82.22 20	P	P	18 18 11.8	+0.7	
TIXI	Tiksi	82.27 350	LR	LR	18 56 18.0		
TIXI	comp=Z,66nm,18.7s		pmax	pmax			
TIXI	Tiksi	82.27 350	eP	P	18 18 11.0	-0.1	
TIXI	Tiksi	82.27 350	eP	P	18 18 12.1	+1.0	
TIXI	comp=Z,13nm,2.5s		pmax	pmax			
RIDG	Independent Ri	82.28 21	P	P	18 18 12.2	+0.8	
RIDG	comp=Z,23nm,1.4s		IAMB	IAMB	18 18 20.2		
RIDG	Independent Ri	82.28 21	P	P	18 18 13.6	+2.2	
F22K	John River	82.34 16	P	P	18 18 14.0	+2.4	
G23K	Bananza Creek	82.43 18	P	P	18 18 14.6	+2.5	
DOT	Dot Lake	82.51 22	P	P	18 18 12.9	+0.3	
DOT	comp=Z,37nm,2.0s		IAMB	IAMB	18 18 14.3		
H24K	Noodor Dome	82.53 19	P	P	18 18 14.9	+2.3	
M27K	Edge Creek, AK	82.61 23	P	P	18 18 15.9	+2.7	
COLD	Coldfoot	82.72 17	P	P	18 18 12.8	-0.7	
COLD	comp=Z,18nm,1.5s		IAMB	IAMB	18 18 22.3		
SCRK	Sand Creek	82.73 21	P	P	18 18 14.1	+0.3	
SCRK	comp=Z,18nm,1.4s		IAMB	IAMB	18 18 22.0		
L27K	Beaver Creek	83.02 23	P	P	18 18 17.9	+2.7	
G24K	Hadweenciz Riv	83.20 18	P	P	18 18 18.4	+2.3	
E23K	Chandalar	83.44 17	P	P	18 18 18.8	+2.5	
K27K	Chicken	83.45 22	P	P	18 18 18.3	+0.9	
K27K	comp=Z,14nm,1.4s		IAMB	IAMB	18 18 30.9		
F27K	Chicken	83.45 22	P	P	18 18 20.1	+2.7	
K27K	Squaw Lake	83.59 18	P	P	18 18 21.2	+3.1	
K27K	comp=Z,9.0nm,1.1s		IAMB	IAMB	18 18 21.2	+3.1	
WMQ	Urumqi	83.67 316	eP	P	18 18 20.5	+1.4	
WMQ	comp=Z,9.0nm,1.1s		sP	sP	18 18 38.8	+5.8	
WMQ	Urumqi	83.67 316	eP	P	18 18 20.5	+1.4	
G25K	Bearman Lake	83.67 19	P	P	18 18 21.0	+2.5	
D23K							

17d 18h

Table with columns: HNR, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WAKE ISLAND Hy 26.73, WAKE ISLAND Hy 26.73, WAKE ISLAND Hy 26.73, etc.

IDC 17 18:14:04.7-0.8, 8.07S, 161.16E, h0km, mb4.1/14, mbtmp4.1/18, ML4.1/3, MS3.77, Error ellipse: s-maj=26.8km s-min=15.7km az=126.0, NEIC 17 18:14:08.0-1.8, 7.92S, 0.06x160.95E, 0.08, h10km, 1km, mb4.7/51, Error ellipse: s-maj=15.8km s-min=5.8km az=125.0

ISC 17 18:14:07.0-0.5, 7.92S, 0.06x160.99E, 0.07, h10km, n109, s=15/84, mb4.6/37, MS3.6/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, HNR Rabaul, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND Hy 26.84, H11S3 WAKE ISLAND Hy 26.84, H11S1 WAKE ISLAND Hy 26.84, etc.

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

2017 MAR

Table with columns: USAOB, IAmB, IAmB, Time, Res. Includes stations like USURK Ussuriysk Arr, PEAOB Petropavlovsk, PETK Petropavlovsk, etc.

JMA 17 18:15:00.0-0.2, 34.7N, 133.73E, h384km, MV3.0/21, SE OFF KIL PENINSULA

IDC 17 18:15:04.1-1.1, 33.86N, 137.17E, h338km, 13km, mb2.7/5, mbtmp3.4/9, Error ellipse: s-maj=23.9km s-min=17.2km az=63.0

ISC 17 18:15:04.0-0.9, 33.86N, 0.08x137.29E, 0.07, h347km, n23, s=07/25, mb2.9/5, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1214 Arquata del Tr, T1214 Arquata del Tr, T1214 Arquata del Tr, etc.

ROM 17 18:17:03.0-0.1, 42.769N, 0.004x13.255E, 0.005, h10km, ML1.5/11, 1C-3D, Error ellipse: s-maj=0.4km s-min=0.3km az=319.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1214 Arquata del Tr, T1214 Arquata del Tr, T1214 Arquata del Tr, etc.

1018

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1214 comp=E,4266um,0.2s, T1214 comp=N,7970um,0.2s, T1214 comp=N,7649um,0.2s, etc.

ROM 17 17:34.0-0.1, 42.865N, 0.003x13.338E, 0.005, h24km, ML2.0/3, 9C-5D, Error ellipse: s-maj=0.4km s-min=0.2km az=71.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like M1101 Montemonaco, T1241 Roccafluvione, T1241 Roccafluvione, etc.

SADO	Sadowa	34.95 347	LR	LR	18 56 07.3
P40A	Paris	35.20 1321	P	P	18 42 02.1 -1.8
P40A	Paris	35.20 1321	I Amb	I Amb	18 42 10.9
L44A	Lake County Fo	35.37 335 P			18 42 05.3 0.0
ABTX	Abilene, Hawle	35.60 312	I Amb	I Amb	18 42 09.4
ABTX	Abilene, Hawle	35.60 312	P	P	18 42 07.4 0.0
GO02	Mina Guanaco	35.77 181 P			18 42 07.7 -1.5
T35A	Sooner Cattle	35.94 321	I Amb	I Amb	18 42 16.0
P38A	Dawn	36.05 327	I Amb	I Amb	18 42 33.2
WMOK	Wichita Mounta	36.12 316	P	P	18 42 11.8 -0.1
AMBA	Amambra (Brasi	36.22 158 eP			18 42 13.9 +1.1
BLOK	Blackwell	36.28 320	I Amb	I Amb	18 42 21.7
L40A	Anamosa	36.72 332	I Amb	I Amb	18 42 28.8
JFWS	Jewell Farm	36.96 334	P	P	18 42 17.7 -1.2
JFWS	Jewell Farm	36.96 334	P	P	18 42 19.4 +0.5
POST	Post	37.18 312	I Amb	I Amb	18 42 30.1
TX31	Lajitas Ar. Si	37.24 305	I Amb	I Amb	18 42 19.9 -1.7
TX31	Lajitas Ar. Si	37.24 305	P	P	18 42 30.8
TXAR	Lajitas Ar. Si	37.24 305	P	P	18 42 22.3 +0.7
TXAR	Lajitas Ar. Si	37.24 305	PcP	PcP	18 44 42.4 +1.0
KSUI	Kansas State U	37.41 324	P	P	18 42 23.6 +0.8
AC02	Marcingua	37.43 180	I Amb	I Amb	18 42 29.1
SCIA	State Center	37.56 330	P	P	18 42 24.8 +0.8
AMTX	Amarillo	38.21 314	I Amb	I Amb	18 42 37.0
AMTX	Amarillo	38.21 314	P	P	18 42 30.1 +0.3
AMTX	Muleshoe	38.54 312	P	P	18 42 33.0 +0.4
CPUP	Villa Florida	38.62 163	P	P	18 42 32.3 -0.7
CPUP	Villa Florida	38.62 163	LR	LR	19 00 05.6
CPUP	Villa Florida	38.62 163	I Amb	I Amb	18 42 33.7
CBKS	Cedar Bluff	39.12 321	P	P	18 42 38.0 +0.8
I37A	Lemond, Waseca	39.24 332	I Amb	I Amb	18 42 41.1
MNTX	Corndas Mount	39.53 307	P	P	18 42 41.4 +0.7
LCO	Las Campanas	39.63 182	P	P	18 42 39.8 -2.0
SPMN	Marine on St.	39.91 334	I Amb	I Amb	18 42 59.3
SPMN	Marine on St.	39.91 334	P	P	18 42 44.6 +0.9
ECSD	EROS Data Cent	40.60 329	P	P	18 42 50.2 +0.7
F36A	Mitaca	40.73 334	I Amb	I Amb	18 42 57.4
SLBS	Sierra La Laguna	41.02 294	P	P	18 42 52.1 -1.2
SLBS	Sierra La Laguna	41.02 294	I Amb	I Amb	18 42 56.5
T25A	Trinidad	41.26 315	P	P	18 42 55.1 -0.2
CO03	El Pedregal	41.45 182	I Amb	I Amb	18 43 10.2
ANMO	Albuquerque	41.70 311	LR	LR	19 01 54.3
ANMO	Albuquerque	41.70 311	P	P	18 42 57.4 -1.5
ANMO	Albuquerque	41.70 311	P	P	18 42 59.2 +0.3
121A	Cookes Peak, D	41.72 301	P	P	18 43 00.1 +1.1
OGNE	Ogallala	41.81 322	P	P	18 43 00.5 +1.0
ZON	Zonda	42.12 180	I Amb	I Amb	18 43 07.1
CFA	Coronel Fontan	42.19 179	P	P	18 43 02.1 -0.5
SDCO	Great Sand Dun	42.32 315	P	P	18 43 04.1 +0.1
319A	Douglas	42.50 305	P	P	18 43 03.7 -1.6
319A	Douglas	42.50 305	I Amb	I Amb	18 43 08.3
B35A	Bob, Littlefor	42.78 336	I Amb	I Amb	18 43 12.1
S22A	4JR Ranch, Cre	43.24 315	P	P	18 43 11.3 -0.2
ISCO	Idaho Springs	43.44 318	P	P	18 43 13.7 +0.7
ROCI	El Roble	43.59 183	I Amb	I Amb	18 43 20.7
AGMN	Agassiz Nation	43.62 334	I Amb	I Amb	18 43 26.6
AGMN	Agassiz Nation	43.62 334	P	P	18 43 14.9 +0.9
SCHO	Schefferville	43.93 2 P			18 43 17.4 +1.0
TUC	Tucson	44.01 306	P	P	18 43 14.7 -2.8
TUC	Tucson	44.01 306	P	P	18 43 18.1 +0.6
X18A	Snowflake	44.15 309	I Amb	I Amb	18 43 22.0
MVCO	Mesa Verde	44.17 313	P	P	18 43 19.4 +0.4
W18A	Petrified Fore	44.22 310	I Amb	I Amb	18 43 22.1
W18A	Petrified Fore	44.22 310	P	P	18 43 19.8 +0.5
N23A	Red Feather La	44.23 319	P	P	18 43 20.3 +0.9
MT13	San Alfonso	44.33 182	P	P	18 43 19.6 -0.4
MT13	San Alfonso	44.33 182	I Amb	I Amb	18 43 25.8
MT09	Talagante	44.39 182	P	P	18 43 19.6 -0.9
MDND	Maddock	44.99 331	P	P	18 43 26.4 +1.4
PV23	Carpenter Ridg	45.09 314	I Amb	I Amb	18 43 43.3
ULM	Lac du Bonnet	45.14 336	P	P	18 43 26.0 -0.2
214A	Organ Pipe Nat	45.53 304	I Amb	I Amb	18 43 32.0
214A	Organ Pipe Nat	45.53 304	P	P	18 43 30.7 +1.1
K22A	Casper	45.54 321	P	P	18 43 27.1 -2.6
K22A	Casper	45.54 321	I Amb	I Amb	18 43 36.3
K22A	Casper	45.54 321	P	P	18 43 30.4 +0.7
WUAZ	Wupatki	45.60 310	I Amb	I Amb	18 43 33.3
WUAZ	Wupatki	45.60 310	P	P	18 43 31.4 +1.1
SRU	San Rafael Swe	46.44 315	I Amb	I Amb	18 43 52.8
TMUT	Trail Mountain	47.00 314	I Amb	I Amb	18 43 57.6
MTPU	Mount Pierson	47.18 313	P	P	18 43 41.1 -1.8
KNB	Kanab	47.25 311	I Amb	I Amb	18 43 46.3
PDMC	Parker Dam, Lak	47.32 307	P	P	18 43 44.8 +1.2
GLM	Glamis	47.48 305	P	P	18 43 45.8 +0.9
BW06	Boulder Array	47.51 319	P	P	18 43 43.0 -2.2
BW06	Boulder Array	47.51 319	I Amb	I Amb	18 43 47.0
BW06	Boulder Array	47.51 319	P	P	18 43 45.9 +0.7
PD31	Pinedale Array	47.51 319	I Amb	I Amb	18 44 10.3

PDAR	Pinedale Array	47.51 319	P	P	18 43 45.9 +0.7
PDAR	Pinedale Array	47.51 319	PcP	PcP	18 45 15.6 +0.3
MPU	Maple Canyon	47.61 315	I Amb	I Amb	18 43 55.3
LAO	LASA Array	47.66 326	P	P	18 43 47.5 +1.4
NLU	North Lily Min	47.89 315	I Amb	I Amb	18 43 50.5
IRM	Iron Mountain	48.06 306	P	P	18 43 51.0 +1.6
BC3	Big Chalkwell	48.16 306	P	P	18 43 51.4 +1.2
SWCS	Sam W. Stewart	48.24 305	P	P	18 43 51.9 +1.2
IKP	In-Ko-nee, Jac	48.41 304	P	P	18 43 53.8 +1.6
DUG	Dugway, Tooele	48.50 315	I Amb	I Amb	18 44 02.4
DUG	Dugway, Tooele	48.50 315	P	P	18 43 54.0 +1.2
RLMT	Red Lodge	48.54 322	I Amb	I Amb	18 43 59.2
RLMT	Red Lodge	48.54 322	P	P	18 43 53.9 +0.8
GMRC	Granite Mounta	48.66 307	P	P	18 43 55.2 +1.1
BELC	Belle Mtn. Jos	48.69 306	P	P	18 43 55.4 +1.0
MONPZ	Monument Peak	48.73 304	P	P	18 43 55.8 +1.0
FXWY	Fox Creek	48.87 320	I Amb	I Amb	18 44 02.5
TPFO	Pinon flats	48.95 305	P	P	18 43 57.4 +1.0
PFO	Pinyon Flats O	48.95 305	P	P	18 43 55.2 -1.1
PFO	Pinyon Flats O	48.95 305	P	P	18 43 57.2 +0.8
BGU	Big Grassy Moun	48.96 316	I Amb	I Amb	18 44 08.2
H17A	Grant Village	48.96 321	P	P	18 43 57.9 +1.5
TUQ	Turquoise Moun	49.07 308	P	P	18 43 58.4 +1.2
SPR3	Spring Creek 3	49.10 313	I Amb	I Amb	18 44 00.6
HVU	Hansel Valley	49.15 317	I Amb	I Amb	18 44 10.1
HEC	Hector, Ludlow	49.20 307	P	P	18 43 59.8 +1.5
Q12A	Willow Creek R	49.48 313	I Amb	I Amb	18 44 17.1
MURC	Murrieta	49.54 305	P	P	18 44 02.5 +1.7
GSC	Goldstone, Bar	49.71 307	P	P	18 44 03.1 +1.0
TPNV	Topopah Spring	49.80 310	I Amb	I Amb	18 44 19.2
TPNV	Topopah Spring	49.80 310	P	P	18 44 03.9 +1.0
BFSC	Mount Baldy Ra	50.08 306	P	P	18 44 05.8 +0.8
FURC	Furnace Creek,	50.11 309	P	P	18 44 06.1 +1.2
GO06	Curarrehue	50.20 183	P	P	18 44 04.4 -1.2
BOZ	Bozeman (W)	50.21 322	P	P	18 44 07.2 +1.4
EGMT	Eagleton	50.39 325	I Amb	I Amb	18 44 13.8
EGMT	Eagleton	50.39 325	P	P	18 44 08.5 +1.5
ELK	Elko	50.42 315	LR	LR	19 06 44.7
LRMC	Laurel Mtn Rad	50.45 307	P	P	18 44 09.3 +1.5
FMP	Fort Macarthur	50.45 305	P	P	18 44 08.8 +1.2
MPMC	Manual Prospect	50.47 308	P	P	18 44 08.6 +0.6
CIS	Catalina Islan	50.47 305	P	P	18 44 08.5 +0.7
EDW2	Edwards Air Fo	50.52 306	P	P	18 44 09.6 +1.4
DLMT	Dillon	50.69 321	I Amb	I Amb	18 44 21.2
FFC	Flin Flon	50.97 336	P	P	18 44 09.4 -1.7
FFC	Flin Flon	50.97 336	I Amb	I Amb	18 44 16.1
HLID	Halley	51.02 318	P	P	18 44 13.1 +1.1
CWC	Cottonwood Cre	51.04 308	P	P	18 44 13.4 +1.1
DSP	Deep Springs	51.23 310	I Amb	I Amb	18 45 33.4
PLCA	Paso Flores	51.31 182	P	P	18 44 13.6 -0.4
PLCA	Paso Flores	51.31 182	P	P	18 44 13.0 -1.0
PLCA	Paso Flores	51.31 182	I Amb	I Amb	18 44 19.3
PLCA	Paso Flores	51.31 182	eP	eP	18 44 14.1 +0.1
SNCC	San Nicolas Is	51.34 304	P	P	18 44 15.8 +1.5
FCC	Fort Churchill	51.48 344	I Amb	I Amb	18 44 27.8
SCZ2	Santa Cruz Isl	51.60 305	P	P	18 44 16.5 +0.1
VES	Vestal, Richgr	51.65 307	P	P	18 44 18.4 +1.8
NVAR	Minna Array Bea	51.82 311	P	P	18 44 18.9 +0.8
NVAR	Minna Array Bea	51.82 311	PcP	PcP	18 45 32.4 +1.3
NVAR	Minna Array Bea	51.82 311	LR	LR	19 09 34.0
NVAR	Minna Array Bea	51.82 311	P	P	18 44 16.4 -2.0
KVN	Kaiserville	51.87 312	I Amb	I Amb	18 44 20.8
KVN	Kaiserville	51.87 312	P	P	18 44 25.9
MFID	Carnas Ranch	51.89 317	I Amb	I Amb	18 44 20.9
PKM	Mcperson Peak	51.97 306	P	P	18 44 20.4 +1.2
WAKR	Walker	52.69 310	I Amb	I Amb	18 44 50.0
PLID	Pearl Lake	52.70 319	P	P	18 44 22.5 -2.1
FRB	Flrobrisher Bay	52.85 0 LR			19 06 08.4
WVOR	Wild Horse Val	53.41 315	I Amb	I Amb	18 44 38.0
LLO2	Futaleuf	53.81 183	I Amb	I Amb	18 44 37.8
MOD	Mozco Plateau	54.39 314	I Amb	I Amb	18 44 44.7
I07A	Izode	54.60 317	P	P	18 44 36.7 -1.7
I07A	Izode	54.60 317	I Amb	I Amb	18 44 47.5
NEW	Newport	54.78 322	LR	LR	19 09 32.7
NEW	Newport	54.78 322	P	P	18 45 40.2 +0.6
PINE	Pine Mountain	55.47 316	I Amb	I Amb	18 44 54.3
YBH	Yreka Blue Hor	56.05 313	LR	LR	19 13 14.3
H04A	Detroit Lake	56.61 317	P	P	18 44 52.8 +0.1
H04A	Detroit Lake	56.61 317	I Amb	I Amb	18 45 00.6
SFJD	Kangerlussuaq	57.45 8 LR			19 09 11.1
YKA	Yellowknife Ar	61.05 338	P	P	18 45 23.0 -0.2
YKA	Yellowknife Ar	61.05 338	LR	LR	19 13 16.3
YKA	Yellowknife Ar	61.05 338	P	P	18 45 22.4 -0.8
PGAV	Geaira, Arco	61.15 49 eP			18 45 27.3 +2.9
POLO	Lamas de Olo	61.35 49 eP			18 45 27.3 +1.5
MVO	Moncorvo	61.88 49 eP			18 45 34.6 +5.2
TIC	Toumudi	63.25 881 eP			18 45 39.2 +0.3
LIC	Lamto	63.30 881 eP			18 45 39.5 +0.3
DBIC	Dimbokro	63.40 88 P			18 45 40.2 +0.4

DBIC	Dimbokro	63.40 88 P			18 45 39.6 -0.3
KIC	Kosan Boka	63.56 881 eP			18 45 41.5 +0.6
KOTAK	Kotanelee Air	63.71 333 P			18 45 41.4 +0.3
ESDC	Sonsecra Array	63.96 51 P			18 45 43.8 +0.6
WRGLY	Wrigley	64.87 336 P			18 45 49.0 +0.4
T35M	Bob Quinn	65.51 328 P			18 45 53.7 +0.7
DLBO	Dease Lake	65.88 330 LR			19 15 22.1
S34M	Telegraph Cree	66.26 329 P			18 45 58.5 +0.8
P32M	Atlin	68.05 330 P			18 46 08.8 -0.3
TORD	Torodi Ar. Bea	68.95 80 P			18 46 15.8 +0.3
M31M	Drury Creek, Y	69.13 333 P			18 46 16.5 +0.8
PLBC	Pleasant Camp	69.32 330 P			18 46 17.3 +0.3
O30N	Mendenhall	69.52 331 P			18 46 19.1 +0.8
N31M	Braeburn, Yuko	69.56 332 P			18 46 18.9 +0.4
A36M	Sachs Harbour	69.70 344 P			18 46 17.8 -1.3
A36M	Sachs Harbour	69.70 344 P			18 46 19.0 0.0
N30M	Aishikik Lake	70.16 332 P			18 46 21.6 -0.6
HYT	Haines Junctio	70.20 331 P			18

Table with columns: BAR, SWSC, SNCC, etc. and rows listing various stations and their associated data.

Table with columns: TPNV, DUNE, U16A, etc. and rows listing various stations and their associated data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing various stations and their associated data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like East Tamaki Re, WIAZ, NBEZ, Namu Rode, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Tanohata, Erimo, Miyakonagasawa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, WAKE ISLAND Hy, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ROM 17:20:43:56.0, Roccafulvione, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 17:20:28:46.4, WRA, USRK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 17:20:34:27.4, HNR, RABL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ROM 17:20:44:22.6, T1212, etc.

17d 20h

T1245	comp=E,1151µm,0.2s	AML	AML		
T1245	comp=N,1617µm,0.3s	AML	AML		
T1245	comp=N,1582µm,0.3s	AML	AML		
T1218	comp=E,1244µm,0.2s	0.11 173	↑P S	Pg Sg	20 44 25.9 +0.4 20 44 28.0 +0.4
T1218	comp=E,970µm,0.2s	AML	AML		
T1218	comp=E,934µm,0.2s	AML	AML		
T1218	comp=E,970µm,0.2s	AML	AML		
T1218	comp=N,2170µm,1.6s	AML	AML		
T1218	comp=E,934µm,0.2s	AML	AML		
T1218	comp=N,2240µm,1.6s	AML	AML		
T1218	comp=N,2037µm,0.2s	AML	AML		
T1218	comp=E,970µm,0.2s	AML	AML		
T1218	comp=E,934µm,0.2s	AML	AML		
T1218	comp=N,2043µm,0.2s	AML	AML		
T1217	Poggiodomo (PG)	0.14 241	↑P S	Pg Sg	20 44 26.4 +0.5 20 44 29.0 +0.8
T1217	comp=E,250µm,0.7s	AML	AML		
T1217	comp=N,432µm,0.5s	AML	AML		
T1217	comp=E,250µm,0.7s	AML	AML		
T1217	comp=N,431µm,0.5s	AML	AML		
T1217	comp=N,275µm,0.1s	AML	AML		
T1217	comp=E,235µm,0.1s	AML	AML		
T1217	comp=N,281µm,0.2s	AML	AML		
T1217	comp=E,245µm,0.1s	AML	AML		
MC2	Monte Cornacci	0.15 27	↑P S	Pg Sg	20 44 26.7 +0.6 20 44 29.6 +0.9
MMO1	Montenacoco	0.21 54	↑P S	Pg Sg	20 44 27.5 +0.5 20 44 31.1 +1.1
SMA1	SAN MARTINO	0.23 130	↑P S	Pg Sg	20 44 27.9 +0.5 20 44 32.6 +2.0
SMA1	comp=N,333µm,0.3s	AML	AML		
SMA1	comp=E,437µm,0.5s	AML	AML		
SMA1	comp=N,333µm,0.3s	AML	AML		
SMA1	comp=E,437µm,0.5s	AML	AML		
T1256	Bolognola (MC)	0.25 22	↑P S	Pb Sg	20 44 28.6 -0.7 20 44 32.5 +1.3
T1256	comp=N,249µm,0.4s	AML	AML		
T1256	comp=N,177µm,0.4s	AML	AML		
T1256	comp=E,156µm,0.3s	AML	AML		
T1256	comp=E,182µm,0.4s	AML	AML		
FDMO	Fiordimonte	0.26 358	↑P S	Pg Sg	20 44 28.5 +0.6 20 44 32.7 -1.2
FDMO	comp=E,196µm,0.2s	AML	AML		
FDMO	comp=N,210µm,0.2s	AML	AML		
FDMO	comp=E,196µm,0.2s	AML	AML		
FDMO	comp=N,209µm,0.2s	AML	AML		
T1241	Roccafulvione, (MC)	0.26 72	↑P S	Pg Sg	20 44 28.4 +0.5 20 44 32.7 -1.2
T1241	comp=E,349µm,0.9s	AML	AML		
T1241	comp=N,5650µm,1.6s	AML	AML		
T1241	comp=E,303µm,1.0s	AML	AML		
T1241	comp=N,566µm,0.3s	AML	AML		
T1241	comp=E,349µm,1.0s	AML	AML		
T1241	comp=N,5650µm,1.6s	AML	AML		
T1241	comp=N,565µm,0.3s	AML	AML		
T1241	comp=N,565µm,0.3s	AML	AML		
T1241	comp=E,296µm,0.2s	AML	AML		
T1241	comp=E,310µm,0.2s	AML	AML		
CESI	CESI - Serrava	0.27 328	↑P S	Pg Sg	20 44 28.7 +0.6 20 44 33.1 -1.1
CESI	comp=N,650µm,0.3s	AML	AML		
CESI	comp=E,284µm,0.3s	AML	AML		
CESI	comp=E,267µm,0.3s	AML	AML		
CESI	comp=N,650µm,0.3s	AML	AML		
RM33	Pellescrista ()	0.28 162	↑P S	Pg Sg	20 44 28.7 +0.3 20 44 33.4 +1.1
RM33	comp=E,168µm,0.5s	AML	AML		
RM33	comp=N,236µm,0.2s	AML	AML		
RM33	comp=E,170µm,0.3s	AML	AML		
RM33	comp=N,224µm,0.2s	AML	AML		
RM33	comp=E,146µm,0.3s	AML	AML		
RM33	comp=N,236µm,0.2s	AML	AML		
T1219	Muccia, Frazio	0.28 346	↑P S	Pg Sg	20 44 28.9 +0.5 20 44 33.5 -1.2
T1219	comp=N,223µm,1.5s	AML	AML		
T1219	comp=E,249µm,0.3s	AML	AML		
T1219	comp=N,179µm,0.4s	AML	AML		
T1219	comp=E,251µm,0.3s	AML	AML		
T1219	comp=E,249µm,0.3s	AML	AML		
T1219	comp=N,179µm,0.4s	AML	AML		
T1219	comp=E,208µm,0.2s	AML	AML		
T1219	comp=N,163µm,0.2s	AML	AML		
T1219	comp=N,169µm,0.2s	AML	AML		
T1211	Morro Reatino	0.30 216	↑P S	Pg Sg	20 44 29.3 +0.5 20 44 34.2 -1.0
T1211	comp=E,186µm,0.1s	AML	AML		
T1211	comp=N,196µm,1.1s	AML	AML		
T1211	comp=E,183µm,0.1s	AML	AML		
T1211	comp=E,187µm,0.1s	AML	AML		
T1211	comp=N,185µm,0.2s	AML	AML		
ARRO	Arrone	0.32 231	↑P S	Pg Sg	20 44 29.6 +0.6 20 44 35.1 -0.3
ARRO	comp=N,78µm,1.3s	AML	AML		

2017 MAR

ARRO	comp=E,61µm,1.6s	AML	AML		
ARRO	comp=N,65µm,0.1s	AML	AML		
ARRO	comp=E,60µm,0.4s	AML	AML		
T1220	Camerino, Fraz	0.33 359	↑P S	Pb Sg	20 44 30.1 -0.5 20 44 36.2 -0.8
T1220	comp=E,834µm,0.3s	AML	AML		
T1220	comp=N,580µm,0.6s	AML	AML		
T1220	comp=E,834µm,0.4s	AML	AML		
T1220	comp=N,580µm,0.6s	AML	AML		
T1220	comp=N,552µm,0.3s	AML	AML		
T1220	comp=E,834µm,0.3s	AML	AML		
CAMP	Campotosto	0.33 137	↑P S	Pg Sg	20 44 29.7 +0.4
CAMP	comp=E,64µm,0.5s	AML	AML		
CAMP	comp=N,52µm,0.4s	AML	AML		
CAMP	comp=N,52µm,0.4s	AML	AML		
CAMP	comp=E,64µm,0.5s	AML	AML		
T1247	Pizzolo (AQ)	0.37 156	↑P S	Pg Sg	20 44 30.2 +0.3 20 44 36.2 -0.9
T1247	comp=E,184µm,1.2s	AML	AML		
T1247	comp=N,166µm,1.1s	AML	AML		
T1247	comp=E,170µm,0.3s	AML	AML		
T1247	comp=N,159µm,0.2s	AML	AML		
T1222	Castel Sant'An	0.38 187	↑P S	Pg Sg	20 44 30.7 +0.5
T1222	comp=E,78µm,1.5s	AML	AML		
T1222	comp=N,84µm,0.6s	AML	AML		
T1222	comp=E,74µm,0.3s	AML	AML		
T1222	comp=N,79µm,0.3s	AML	AML		
MOMA	Monte Martano	0.39 274	↑P S	Pg Sg	20 44 30.9 +0.5
MOMA	comp=N,170µm,0.2s	AML	AML		
MOMA	comp=E,160µm,0.3s	AML	AML		
MOMA	comp=N,169µm,0.2s	AML	AML		
MOMA	comp=E,160µm,0.3s	AML	AML		
MOMA	comp=N,169µm,0.2s	AML	AML		
TERO	Teramo	0.40 113	↑P S	Pg Sg	20 44 30.7 +0.1
TERO	comp=N,117µm,0.5s	AML	AML		
TERO	comp=E,93µm,0.2s	AML	AML		
TERO	comp=N,103µm,0.1s	AML	AML		
TERO	comp=N,95µm,0.1s	AML	AML		
TERO	comp=E,93µm,0.2s	AML	AML		
TERO	comp=E,87µm,0.2s	AML	AML		
ASSB	Assisi San Ben	0.42 309	↑P S	Pg Sg	20 44 31.2 +0.4
ASSB	comp=E,144µm,0.4s	AML	AML		
ASSB	comp=N,168µm,0.4s	AML	AML		
ASSB	comp=E,144µm,0.1s	AML	AML		
ASSB	comp=N,168µm,0.4s	AML	AML		
CESX	Cesi	0.42 246	↑P S	Pg Sg	20 44 29.1 -1.7 20 44 32.9 +0.2
OFFI	Offida	0.46 70	↑P S	Pg Sg	20 44 32.9 +0.2
OFFI	comp=E,138µm,0.8s	AML	AML		
OFFI	comp=N,149µm,0.7s	AML	AML		
OFFI	comp=N,117µm,0.5s	AML	AML		
OFFI	comp=E,133µm,0.3s	AML	AML		
GIGS	Gran Sasso	0.48 133	↑P S	Pg Sg	20 44 32.1 +0.1
GIGS	comp=N,13µm,0.2s	AML	AML		
GIGS	comp=E,22µm,0.3s	AML	AML		
SNTG	Esanatoglia	0.49 346	↑P S	Pb Sg	20 44 33.0 -0.3
SNTG	comp=N,66µm,0.1s	AML	AML		
SNTG	comp=E,54µm,0.5s	AML	AML		
SNTG	comp=E,46µm,0.2s	AML	AML		
SNTG	comp=N,66µm,0.1s	AML	AML		
ATCC	AVT - Casa Cast	0.53 321	↑P S	Pg Sg	20 44 33.3 +0.4
ATCC	comp=E,90µm,0.2s	AML	AML		
ATCC	comp=N,97µm,0.2s	AML	AML		
ATCC	comp=E,90µm,0.2s	AML	AML		
ARVD	Arcevia	0.73 351	↑P S	Pb Sg	20 44 37.6 +0.3 20 44 48.6 +1.2
ARVD	comp=E,25µm,1.0s	AML	AML		
ARVD	comp=N,19µm,0.5s	AML	AML		
ARVD	comp=E,19µm,0.3s	AML	AML		
ARVD	comp=N,14µm,0.3s	AML	AML		
VIVA	Pratoni del Vi	1.06 193	↑P S	Pn	20 44 44.7 +1.2

IDC 17 20:53:43.2±0.8, 1°6'N, 126°69'E, h0km, mb4.1/7, mbtmp4.2/8, ML3.9/1, Error ellipse: s-maj=47.2km s-min=15.7km az=73.0
DJA 17 20:53:49.2±0.3, 1°N, 3°12'7"E±, h10km, M4.1/12, mb4.3/9, MLv4.0/12
NEIC 17 20:53:49.5±1.5, 1°59'N, 0°08'126°58'E±0.06, h48km±7km, mb4.3/40, Error ellipse: s-maj=11.6km s-min=7.1km az=204.0
ISC 17 20:53:49.2±0.4, 1°59'N, 0°05'126°56'E±0.05, h47km, n86, ±1549/94, mb4.4/24, Northern Molucca Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
TNTI	Ternate	1.15 135	Op	Pn	20 54 08.8 -0.1
TNTI	Ternate	1.15 135	Op	Pn	20 54 23.2 -0.2
TNTI	Ternate	1.15 135	Op	Pn	20 54 09.1 +0.2
TNTI	Ternate	1.15 135	Op	Pn	20 54 23.4 -0.1
SGSI	Sangihe	2.32 334	Op	Pn	20 54 31.0 +6.0
LBMI	Labuha	2.41 157	Op	Pn	20 54 26.7 +0.5
SANI	Sanana	3.66 189	Op	Pn	20 54 43.3 -0.2
MRSI	Marisa	4.75 257	Op	Pn	20 54 43.2 -0.2
GTOI	Gorontalo	3.67 255	Op	Pn	20 54 46.0 +2.4
LUWI	Luwuk	4.61 235	Op	Pn	20 54 56.7 +0.4
LUWI	Luwuk	4.61 235	Op	Pn	20 55 48.3 -0.3
LUWI	Luwuk	4.61 235	Op	Pn	20 54 58.0 +1.7
LUWI	Luwuk	4.61 235	Op	Pn	20 54 57.4 +1.1
MPSI	Mapaga	6.78 259	Op	Pn	20 55 01.0 +2.7
NLAI	Namlea	4.83 174	Op	Pn	20 55 00.0 +0.6
TOLIZ	Tolitoli	5.80 265	Op	Pn	20 55 11.2 -1.5
MPSI	Mapaga	6.78 259	Op	Pn	20 55 28.7 +2.5
FAKI	Fak Fak	7.24 128	Op	Pn	20 55 31.3 -1.3
SPSI	Sidrap Palu	8.75 231	Op	Pn	20 55 54.1 +0.9
MYLDM	Lahad Datu	8.80 294	Op	Pn	20 55 54.8 +0.9
BKSI	Bulukumba	9.41 223	Op	Pn	20 56 03.8 +1.5

1026

KAPI	Kappang	9.45 226	Pn	Pn	20 56 04.5 +1.7
KAPI	comp=N,1.2nm,0.3s,baz=42,slow=5.1,SNR=7.0				
KAPI	Kappang	9.45 226	Pn	Pn	20 56 03.9 +1.0
BSSI	Bau Bau, Buton	9.79 218	P	Pn	20 56 07.4 -0.1
KKM	Kota Kinabalu	11.23 293	Pn	Pn	20 56 26.2 -1.0
SOEI	Soe	11.50 191	Pn	Pn	20 56 31.0 -0.1
MTN	Manton Dam	15.04 163	Pn	Pn	20 57 18.6 -0.3
MTN	comp=Z,2.2nm,1.4s		IAMB	IAMB	20 57 50.9
JAGI	Jajag, Banyuw	15.90 231	Pn	Pn	

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like PLWZ Palliser, KHZ Kahutara, PAWZ Paruwai Farm, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like ILAR Eielson Array, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like SRU, GSC Goldstone, GSC Goldstone, etc.

INMG 17:21:04.40.0.7, 53Sx156.22E, h10km, mb4.6
NEIC 17:21:04.40.5.2.1, 7.53S:0.07x156.22E:0.04, h10km, mb4.6/11, Error ellipse: s-maj=13.2km s-min=4.9km az=335.0

IDC 17:21:04.48.5.2.4, 7.55S:156.14E, h79km, mb4.0/14, mbmp4.3/18, MS3.5/3, Error ellipse: s-maj=21.4km s-min=19.5km az=136.0

ISC 17:21:04.39.0.5.7, 67S:0.07x156.27E:0.05, h10km, n44, c170/45, mb4.4/20, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like HNR Honiara, PMG Port Moresby, WBO Warramunga Arr, etc.

REN 17:21:10.42.0.1.4, 38.86N:0.02x115.24W:0.03, h1km, mb6km, ML2.8/3, ML2.4/8(NEIC), Error ellipse: s-maj=4.1km s-min=2.7km az=127.0

NEIC 17:21:10.42.6.1.1, 38.86N:0.02x115.22W:0.03, h5km, mb2km, Error ellipse: s-maj=5.3km s-min=3.0km az=316.0, Nevada region

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Q12A Willow Creek R, Q12A Willow Creek R, Q12A Willow Creek R, etc.

IDC 17:21:49:22.6.4.1, 7.00S:155.18E, h0km, mb3.5/4, mbmtpp3.5/4, Error ellipse: s-maj=118.2km s-min=37.0km az=119.0, Bougainville-Solomon Islands region

ANF 17:21:54:25.0.2.0, 33.16N:115.65W, h8km, mb2km, ML2.9/15, Error ellipse: s-maj=1.8km s-min=1.2km az=120.0

PAS 17:21:54:25.6.1.6, 33.16N:0.01x115.63W:0.01, h8km, mb3km, ML3.2/21, ML3.0/54(NEIC), Error ellipse: s-maj=1.6km s-min=1.2km az=156.0

NEIC 17:21:54:25.4.1.4, 33.33N:179N:0.010x115.66W:0.010, h10km, mb1km, Error ellipse: s-maj=2.5km s-min=1.9km az=217.0

ISC 17:21:54:25.6.0.8, 33.16N:0.02x115.65W:0.02, h12km, mb5km, c170/45/93, Southern California region

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like CL12 Calipatria 2, WEMD Westmorland, C, WEMD Westmorland, C, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include BLYC, SDRC, CBX, OLP, 109C, 109C, SDMC, TJX, MURC, MURC, 113A, PDMC, HEC, HEC, VTX, NEE2, SFX, GSC, PASO, EDW2, EDW2, V12A, 214A, 214A, CCAC, CCAC, CCAC, QSM, BCW, BCW, TPNV, WUAZ, WUAZ, WUAZ.

ISK 17 21:59:45.4, 39°52'N, 26°14'E, h8km, ML2.7/21
DDA 17 21:59:45.9, 0.0, 39°53'N, 26°17'E, h8km, ML2.6
THE 17 21:59:46.1, 39°53'N, 26°12'E, h3km, 1km, ML2.5/5, Error
ellipse: s-maj=1.3km s-min=0.4km az=173.0
ATH 17 21:59:46.4, 39°52'N, 26°15'E, h7km, 3km, ML2.5/6, Error
ellipse: s-maj=3.4km s-min=0.9km az=227.0
ISC 17 21:59:46.0, 0.8, 39.52N, 0.02, 26.15E, 0.02, h10km, 5km,
n61, az=94/96, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include KOCA, GPNR, PRK, PRK, PRK, BOZC, BOZC, BOZC, EZN, EZN, EZN, BAYC, SIGR, SIGR, SIGR, SIGR, AYVA, AYVA, ECEA, ECEA, ECEA, COMU, COMU, GOKA, GOKA, GOKA, GADA, BUHA, BUHA, BUHA, DKL, LIA, LIA, LIA, CANM, KARB, KARB.

Table with columns: KARB, KARB, ZEDA, ZEDA, ZEDA, GELI, LMK, LMK, SMTH, SMTH, SMTH, PSRA, PSRA, PSRA, BALLY, BALLY, BALLY, ERIK, ERIK, ERIK, URLA, URLA, URLA, URLA, ENEZ, ENEZ, ENEZ, STEP, STEP, STEP, STEP, KRBC, KRBC, KRBC, KNL, KNL, KNL, KNL, ZEYE, ZEYE, ZEYE, BALB, BALB, BALB, GALS, GALS, ALN, ALN, ALN, ALN, BKES, BKES, BKES, RKY, RKY, RKY, AKHS, AKHS, AKHS, THAS, THAS, THAS, EDC, EDC, RDO, RDO, RDO, RDO, RDO, BAND, BAND, BAND, OUR, OUR, OUR, SMG, SMG, SMG, KOKK, KOKK, ANX, ANX.

WEL 17 22:20:04.8, 0.5, 42°S, 2°E, h5km, M2.0/4, ML2.6/7,
MLV2.0/4, Error ellipse: s-maj=0.0km s-min=0.0km
az=97.9, confirmed, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include KHZ, BSWZ, THZ, NNZ, GVZ, GVZ, TCW, MRNZ, MRNZ, TKNZ, TKNZ, LTKZ, LTKZ, DSZ, DSZ, QNZ, QNZ.

IDC 17 22:22:59.5, 2.4, 5.85S, 103.06E, h0km, mb4.1/8,
s-min=25.1km az=52.0, Error ellipse: s-maj=72.9km

NEIC 17 22:23:00.6, 1.9, 5.98S, 0.05, 102.94E, 0.09, h10km, 1km,
mb4.5/9, Error ellipse: s-maj=15.3km s-min=6.9km
az=251.0

DJA 17 22:23:02.9, 1.2, 6°S, 4°E, h17km, 13km, M4.2/15,
mb4.1/5, mb4.7/1, MLV4.2/15, Mw(mb)4.0/1

ISC 17 22:23:02.4, 1.8, 5.96S, 0.06, 102.94E, 0.06, h25km, 13km,
n49, az=116/48, mb4.3/10, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include LWLI, LWLI, MNAI, MNAI, MNAI, KASI, KASI, MDSI, MDSI, KLI, KLI, KSI, BLSI, BLSI, CGJI, CGJI, MASI, MASI, CBJI, CBJI, JMBI, JMBI, PPBI, PPBI, SDSI, SDSI, PDSI, PDSI.

Table with columns: CMJI, KPJI, UGM, COCO, GSI, GSI, KKM, KKM, TOL2, CMAR, NWAO, H08S2, H08S3, H08S1, H01W3, H01W2, H01W1, WB0, WB0, WRA, WRA, WB2, KRSR, JHS, JHS, SONM, SONM, SONM, SONM, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, KLR, ZALV, ABKAR, BRTR, IDI, TXAR.

IDC 17 22:28:01.6, 1.8, 2°9'N, 128°13'E, h152km, 16km, mb4.2/23,
mbmt4.6/24, MS3.7/4, Error ellipse: s-maj=18.7km
s-min=8.1km az=76.0

NEIC 17 22:28:02.1, 1.4, 2.93N, 0.08, 128°09'E, 0.08, h154km, 6km,
mb4.7/96, Error ellipse: s-maj=12.3km s-min=11.1km
az=56.0

DJA 17 22:28:02.9, 0.4, 3°N, 4°E, h145km, 3km, M4.5/29,
mb5.0/11, mb4.6/29, MLV4.8/12, Mw(mb)4.3/11

ISC 17 22:28:01.8, 0.5, 2.94N, 0.04, 128.03E, 0.05, h156km, 4km,
n331, az=114/348, mb4.7/2, ID, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include TMTI, TMTI, TMTI, TMTI, TMTI, SGSI, SGSI, LBMI, LBMI, SANI, SANI, GTOI, GTOI, NLAJ, NLAJ, MRSI, MRSI, LUWI, LUWI, LUWI, LUWI, LUWI, FAKI, FAKI, FAKI, FAKI, TOL2, TOL2, TOL2, RPKI, RPKI, MPSI, MPSI, MYLDM, MYLDM, SPSI, SPSI, BKSI, BKSI, KAPI, KAPI, KAPI, KAPI, BSSI, BSSI, GENI, GENI, BBKI, BBKI, PLAI, PLAI, PLAI, PLAI, SBUM, SBUM, MTN, MTN, TWSI, TWSI, KDU, KDU, SRBI, SRBI, KSM, KSM, KSM, JAGI, JAGI, JAGI, JAGI, GMJI, GMJI, KNRA, KNRA.

17d 23h

319A	comp-Z, 2.46nm, 0.9s	I	Amb	I	Amb	23	37	24.2		
KNB	comp-Z, 2.46nm, 0.9s	82.48	47	I	Amb	I	Amb	23	37	23.7
IPM	comp-Z, 2.42nm, 0.7s	82.49	277	I	Amb	I	Amb	23	37	22.8
IPM	comp-Z, 2.42nm, 0.7s	82.49	277	P	P	P	P	23	37	22.0 +0.2
L20K	comp-Z, 2.65nm, 0.9s	82.56	11	P	P	P	P	23	37	20.4 -0.6
SKT	comp-Z, 2.65nm, 0.9s	82.56	11	P	P	P	P	23	37	19.2 -1.8
U15A	comp-Z, 2.65nm, 0.9s	82.57	48	I	Amb	I	Amb	23	37	24.4
SZCU	comp-Z, 2.72nm, 1.2s	82.58	47	I	Amb	I	Amb	23	39	53.6
TTA	comp-Z, 2.72nm, 1.2s	82.60	10	P	P	P	P	23	37	21.3 0.0
TTA	comp-Z, 2.72nm, 1.2s	82.60	10	P	P	P	P	23	37	21.2 0.0
EYAK	comp-Z, 2.72nm, 1.2s	82.63	16	P	P	P	P	23	37	21.9 +0.6
F07A	comp-Z, 2.72nm, 1.2s	82.68	37	P	P	P	P	23	37	21.9 0.0
F07A	comp-Z, 2.72nm, 1.2s	82.68	37	P	P	P	P	23	37	23.5
KNK	comp-Z, 2.72nm, 0.7s	82.72	14	I	Amb	I	Amb	23	37	22.2
KNK	comp-Z, 2.72nm, 0.7s	82.72	14	P	P	P	P	23	37	21.0 -0.8
KNK	comp-Z, 2.72nm, 0.7s	82.72	14	P	P	P	P	23	37	21.0 -0.8
PMR	comp-Z, 2.72nm, 0.7s	82.73	14	I	Amb	I	Amb	23	37	21.6
PMR	comp-Z, 2.72nm, 0.7s	82.73	14	P	P	P	P	23	37	21.3 -0.5
PMR	comp-Z, 2.72nm, 0.7s	82.73	14	P	P	P	P	23	37	21.0 -0.8
WUAZ	comp-Z, 2.72nm, 1.1s	82.80	49	I	Amb	I	Amb	23	37	25.9
WUAZ	comp-Z, 2.72nm, 1.1s	82.80	49	P	P	P	P	23	37	24.0 +1.0
ANM	comp-Z, 2.72nm, 1.1s	82.96	6	P	P	P	P	23	37	23.0 +0.1
PKU	comp-Z, 2.72nm, 1.1s	83.05	47	I	Amb	I	Amb	23	37	27.4
SML	comp-Z, 2.72nm, 1.1s	83.10	14	I	Amb	I	Amb	23	37	30.7
SML	comp-Z, 2.72nm, 1.1s	83.10	14	P	P	P	P	23	37	22.9 -0.8
U33K	comp-Z, 2.72nm, 1.1s	83.10	24	P	P	P	P	23	37	24.5 +0.7
V35K	comp-Z, 2.72nm, 1.1s	83.12	25	P	P	P	P	23	37	24.2 +0.4
DIV	comp-Z, 2.72nm, 1.1s	83.12	15	I	Amb	I	Amb	23	37	24.3
HAWA	comp-Z, 2.72nm, 1.1s	83.19	37	I	Amb	I	Amb	23	37	26.2
CUT	comp-Z, 2.72nm, 1.1s	83.20	13	P	P	P	P	23	37	23.3 -0.8
M23K	comp-Z, 2.72nm, 1.1s	83.22	14	P	P	P	P	23	37	23.5 -0.8
K20K	comp-Z, 2.72nm, 1.1s	83.33	11	I	Amb	I	Amb	23	37	25.5
K20K	comp-Z, 2.72nm, 1.1s	83.33	11	P	P	P	P	23	37	24.4 -0.4
SCM	comp-Z, 2.72nm, 1.1s	83.35	14	P	P	P	P	23	37	24.6 -0.4
S31K	comp-Z, 2.72nm, 1.1s	83.36	21	P	P	P	P	23	37	25.1 +0.1
KLU	comp-Z, 2.72nm, 1.1s	83.39	15	P	P	P	P	23	37	24.7 -0.5
MTPU	comp-Z, 2.72nm, 1.1s	83.42	47	I	Amb	I	Amb	23	37	29.0
TCRU	comp-Z, 2.72nm, 1.1s	83.52	46	I	Amb	I	Amb	23	37	29.0
WRAK	comp-Z, 2.72nm, 1.1s	83.62	24	P	P	P	P	23	37	26.0 -0.3
PNL	comp-Z, 2.72nm, 1.1s	83.68	19	P	P	P	P	23	37	26.4 -0.2
TNA	comp-Z, 2.72nm, 1.1s	83.73	4	P	P	P	P	23	37	26.6 -0.1
SKLT	comp-Z, 2.72nm, 1.1s	83.74	280	P	P	P	P	23	37	29.2 +1.3
MFID	comp-Z, 2.72nm, 1.1s	83.75	41	I	Amb	I	Amb	23	37	29.2
CAST	comp-Z, 2.72nm, 1.1s	83.76	12	P	P	P	P	23	37	25.1 -1.8
VRMI	comp-Z, 2.72nm, 1.1s	83.77	18	P	P	P	P	23	37	26.7 -0.4
PIND	comp-Z, 2.72nm, 1.1s	83.80	16	I	Amb	I	Amb	23	37	28.1
N25K	comp-Z, 2.72nm, 1.1s	83.82	15	I	Amb	I	Amb	23	37	28.1
N25K	comp-Z, 2.72nm, 1.1s	83.82	15	P	P	P	P	23	37	27.0 -0.4
M24K	comp-Z, 2.72nm, 1.1s	83.86	15	P	P	P	P	23	37	27.8 +0.3
R31K	comp-Z, 2.72nm, 1.1s	83.88	21	P	P	P	P	23	37	27.9 +0.3
GLB	comp-Z, 2.72nm, 1.1s	83.89	16	I	Amb	I	Amb	23	37	28.2
RPSI	comp-Z, 2.72nm, 1.1s	83.92	275	I	Amb	I	Amb	23	37	29.1
BJI	comp-Z, 2.72nm, 1.1s	83.92	315	P	P	P	P	23	37	28.8 +0.6
PSI	comp-Z, 2.72nm, 1.1s	83.95	275	P	P	P	P	23	37	28.3 -0.9
LYN	comp-Z, 2.72nm, 1.1s	83.96	309	P	P	P	P	23	37	29.8 +1.2
LYN	comp-Z, 2.72nm, 1.1s	83.96	309	S	SKS	S	SKS	23	37	52.0 -5.0
LYN	comp-Z, 2.72nm, 1.1s	83.96	309	P	P	P	P	23	37	05.4 +0.2
DUG	comp-Z, 2.72nm, 1.1s	84.04	45	P	P	P	P	23	37	29.4 +0.4
MCARA	comp-Z, 2.72nm, 1.1s	84.05	16	I	Amb	I	Amb	23	37	29.9
MCARA	comp-Z, 2.72nm, 1.1s	84.05	16	P	P	P	P	23	37	28.3 -0.1
KTH	comp-Z, 2.72nm, 1.1s	84.10	12	I	Amb	I	Amb	23	37	29.4
121A	comp-Z, 2.72nm, 1.1s	84.11	53	I	Amb	I	Amb	23	37	32.2
121A	comp-Z, 2.72nm, 1.1s	84.11	53	P	P	P	P	23	37	30.1 +0.4
CHUM	comp-Z, 2.72nm, 1.1s	84.14	11	P	P	P	P	23	37	27.5 -1.2
TRF	comp-Z, 2.72nm, 1.1s	84.14	12	P	P	P	P	23	37	27.9 -1.1
LOGN	comp-Z, 2.72nm, 1.1s	84.14	17	I	Amb	I	Amb	23	37	29.8
BARN	comp-Z, 2.72nm, 1.1s	84.15	17	I	Amb	I	Amb	23	37	30.1
CTG	comp-Z, 2.72nm, 1.1s	84.16	17	P	P	P	P	23	37	29.0 -0.1
CTGM	comp-Z, 2.72nm, 1.1s	84.16	17	I	Amb	I	Amb	23	37	30.0
GCSA	comp-Z, 2.72nm, 1.1s	84.17	9	P	P	P	P	23	37	28.7 -0.1
JIS	comp-Z, 2.72nm, 1.1s	84.24	22	P	P	P	P	23	37	30.6 +1.3
O28M	comp-Z, 2.72nm, 1.1s	84.33	18	P	P	P	P	23	37	30.0 -0.2
HARP	comp-Z, 2.72nm, 1.1s	84.36	15	P	P	P	P	23	37	29.7 -0.2
ENH	comp-Z, 2.72nm, 1.1s	84.39	304	P	P	P	P	23	37	31.4 +0.5
LLLB	comp-Z, 2.72nm, 1.1s	84.41	32	I	Amb	I	Amb	23	37	31.7
B08A	comp-Z, 2.72nm, 1.1s	84.42	35	I	Amb	I	Amb	23	37	31.4
O29M	comp-Z, 2.72nm, 1.1s	84.43	19	P	P	P	P	23	37	30.6 +0.1
PLBC	comp-Z, 2.72nm, 1.1s	84.47	20	P	P	P	P	23	37	30.8 +0.4
TSI	comp-Z, 2.72nm, 1.1s	84.51	275	P	P	P	P	23	37	30.8 -0.9
Tuntungan	comp-Z, 2.72nm, 1.1s	84.52	10	P	P	P	P	23	37	32.7
PLID	comp-Z, 2.72nm, 1.1s	84.53	39	I	Amb	I	Amb	23	37	32.7
BPAW	comp-Z, 2.72nm, 1.1s	84.58	12	P	P	P	P	23	37	29.2 -1.8
MCK	comp-Z, 2.72nm, 1.1s	84.67	13	I	Amb	I	Amb	23	37	31.6
MCK	comp-Z, 2.72nm, 1.1s	84.67	13	P	P	P	P	23	37	30.5 -0.9
C09A	comp-Z, 2.72nm, 1.1s	84.69	36	I	Amb	I	Amb	23	37	33.2
TMUT	comp-Z, 2.72nm, 1.1s	84.69	46	I	Amb	I	Amb	23	37	34.6
HLID	comp-Z, 2.72nm, 1.1s	84.70	41	I	Amb	I	Amb	23	37	34.2

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HLID	comp-Z, 2.20nm, 0.8s	84.70	41	P	P	P	P	23	37	33.1 +0.8
GS1	comp-Z, 2.20nm, 0.8s	84.76	273	P	P	P	P	23	37	33.7 +0.7
GS1	comp-Z, 2.20nm, 0.8s	84.76	273	P	P	P	P	23	37	33.3 +0.3
PAX	comp-Z, 2.20nm, 0.8s	84.78	14	P	P	P	P	23	37	31.2 -0.8
P30M	comp-Z, 2.20nm, 0.8s	84.79	19	P	P	P	P	23	37	32.7 +0.6
SKAG	comp-Z, 2.20nm, 0.8s	84.81	20	P	P	P	P	23	37	33.2 +1.1
T35M	comp-Z, 2.20nm, 0.8s	84.83	24	P	P	P	P	23	37	33.1 +0.8
YUK8	comp-Z, 2.20nm, 0.8s	84.87	18	P	P	P	P	23	37	32.8 0.0
M26K	comp-Z, 2.20nm, 0.8s	84.90	16	P	P	P	P	23	37	32.3 -0.3
BWN	comp-Z, 2.20nm, 0.8s	84.95	12	I	Amb	I	Amb	23	37	33.4
YUK6	comp-Z, 2.20nm, 0.8s	85.01	18	P	P	P	P	23	37	33.2 -0.1
YUK3	comp-Z, 2.20nm, 0.8s	85.07	17	P	P	P	P	23	37	33.4 -0.2
SRU	comp-Z, 2.20nm, 0.8s	85.08	46	I	Amb	I	Amb	23	37	35.7
NONG	comp-Z, 2.20nm, 0.8s	85.09	291	P	P	P	P	23	37	35.4 +0.9
GYA	comp-Z, 2.20nm, 0.8s	85.15	300	P	P	P	P	23	37	35.4 +0.7
SRIT	comp-Z, 2.20nm, 0.8s	85.15	281	I	Amb	I	Amb	23	37	37.0
SRIT	comp-Z, 2.20nm, 0.8s	85.15	281	P	P	P	P	23	37	36.2 +1.4
S34M	comp-Z, 2.20nm, 0.8s	85.16	23	P	P	P	P	23	37	35.0 +1.1
M27K	comp-Z, 2.20nm, 0.8s	85.16	16	I	Amb	I	Amb	23	37	35.2
M27K	comp-Z, 2.20nm, 0.8s	85.16	16	P	P	P	P	23	37	33.9 -0.1
HYT	comp-Z, 2.20nm, 0.8s	85.17	19	I	Amb	I	Amb	23	37	35.3
HYT	comp-Z, 2.20nm, 0.8s	85.17	19	P	P	P	P	23	37	34.1 +0.1
YUK4	comp-Z, 2.20nm, 0.8s	85.24	18	P	P	P	P	23	37	34.8 +0.4
KCSI	comp-Z, 2.20nm, 0.8s	85.27	275	P	P	P	P	23	37	34.5 -1.0
SURA	comp-Z, 2.20nm, 0.8s	85.31	281	P	P	P	P	23	37	37.1 +1.5
L26K	comp-Z, 2.20nm, 0.8s	85.34	15	P	P	P	P	23	37	34.7 0.0
I21K	comp-Z, 2.20nm, 0.8s	85.38	11	P	P	P	P	23	37	34.0 -0.8
NEA2	comp-Z, 2.20nm, 0.8s	85.40	12	P	P	P	P	23	37	33.3 -1.6
K24K	comp-Z, 2.20nm, 0.8s	85.42	14	P	P	P	P	23	37	34.5 -0.5
TCUT	comp-Z, 2.20nm, 0.8s	85.43	44	I	Amb	I	Amb	23	37	37.7
P32M	comp-Z, 2.20nm, 0.8s	85.46	21	P	P	P	P	23	37	35.8 +0.4
MLY	comp-Z, 2.20nm, 0.8s	85.47	11	I	Amb	I	Amb	23	37	35.0
MLY	comp-Z, 2.20nm, 0.8s	85.47	11	P	P	P	P	23	37	33.8 -1.5
BVCY	comp-Z, 2.20nm, 0.8s	85.48	17	P	P	P	P	23	37	35.3 0.0
Q32M	comp-Z, 2.20nm, 0.8s	85.50	22	P	P	P	P	23	37	36.4 +0.7
WRH	comp-Z, 2.20nm, 0.8s	85.50	13	I	Amb	I	Amb	23	37	36.1
O30N	comp-Z, 2.20nm, 0.8s	85.57	19	P	P	P	P	23	37	36.1 +0.2
RIDG	comp-Z, 2.20nm, 0.8s	85.58	14	I	Amb	I	Amb	23	37	36.4
RIDG	comp-Z, 2.20nm, 0.8s	85.58	14	P	P	P	P	23	37	35.1 -0.8
NEW	comp-Z, 2.20nm, 0.8s	85.59	36	P	P	P	P	23	37	36.3 +0.1
MNTX	comp-Z, 2.20nm, 0.8s	85.61	55	P	P	P	P	23	37	37.6 +0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Eagle Plains, Franklin Bluffs, Coleen River, Kavik River, Troll, Zantari, Sanae, Abilene, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Muntele Rosu, Panska Vse, Maruska, Marisel-Cruz, VOIR, MARR, PRU, VRAC, VRAN, VLN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INET 1723:37:23.5, UCR 1723:37:32.7, ISC 1723:37:30.2, n44, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FORC Fortuna, MGAN Managua, COPN Copalitepa, ACON Acocaya, etc.

NNC 1723:46:05-6.2, 36.81N; 70.39E, h0km, mb2.7, mpv3.7, 2C-2D, Error ellipse: s-maj=65.0km s-min=51.8km az=86.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IUG luzhny, IUG 5.3nm,0.2s, AML Almayushu, AML 0.5nm,0.5s, etc.

IDC 1723:53:27.5, 0.8, 7.49N; 124.47E, h0km, mb4.0/9, mbmp4.0/9, MS3.5/14, Error ellipse: s-maj=25.4km s-min=10.7km az=39.0

MAN 1723:53:27.6, 7.67N; 124.67E, h1km, mb5.0, ML4.0, MS4.0, MAN INTENSITY IV - WAO LANAO DEL SUR AND KALLANGAN BUKIDNON; INTENSITY II - BANISILAN COTABATO

NEIC 1723:53:28.8, 1.6, 7.55N; 0.10, 124.67E, 0.05, h10km, 1km, mb4.4/24, Error ellipse: s-maj=16.4km s-min=8.2km az=12.0

ISC 1723:53:29.0, 1.1, 7.64N; 0.02, 124.69E, 0.03, h11km, 7km, n85, c174/90, mb4.3/22, MS3.5/12, 14C-9D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUKP Musuan, BUKP 0.44, CTBH Cotabato-PC H, CTBH 0.60, KCP Kidapawan, KCP 0.74, etc.

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 SAJU San Juanillo, HATIL Hatillo, HATIL 0.61, JU2 Juan Diaz, NARJA Naranjal, DELF Filadelfia, etc.

18d Oh

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OBIP, CELP, NWA0, WUAZ, etc.

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

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

Table with columns for agency (e.g., ARCES, GYA, KULLO), project name, coordinates, status, and other details.

Table with columns for agency (e.g., INK, YUK3, CTG), project name, coordinates, status, and other details.

Table with columns for agency (e.g., MCK, SUA, MDM), project name, coordinates, status, and other details.

18d Oh

Table with columns: Code, Station Name, Az, El, P, S, SNR, and various parameters like PKP, PKPab, PKPpdf, etc.

DC 18 00:31:30.4,0.6,2.7:31N:65.55E,h0km,mb4.3/39, mbtmp4.3/42, ML3.9/3, MS4.0/36, Error ellipse: s-maj=14.7km s-min=10.6km az=178.0.

Main table with columns: Code, Station Name, Az, El, P, S, SNR, and various parameters like PKP, PKPab, PKPpdf, etc.

2017 MAR

Main table with columns: Code, Station Name, Az, El, P, S, SNR, and various parameters like PKP, PKPab, PKPpdf, etc.

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Main table with columns: Code, Station Name, Az, El, P, S, SNR, and various parameters like PKP, PKPab, PKPpdf, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH Lanzhou, TIRR Tirgusor, RDO RDO, SORM Soroca, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARSA Arzberg, DPC Dobruska-Polom, OSKC Ostias, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BORG Borganes, MA2 Magadan, TSUM Tsumb, etc.

JMA 18 00:31:37.8 0.1, 24°N, 1°12'30"E, 0.4, h48km, 1km, MVZ 5/10, NW OFF ISHIGAKIJIMA IS

TAP 18 00:31:38.5, 24°34'N, 122°87'E, h35km, ML2, 9 D, ISC 18 00:31:38.0, 1, 2, 24°34'N, 0.05, 122°96'E, 0.02, h46km, 8km, n43, c086/75, Taiwan region

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like JYNG Yonagunijimaka, YOJ Yonaguni jima, EOS3 EOS3, etc.

18d 1h

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Table with columns: Station Name, Time, Res, Phase, ID, h, m, s, ISC. Includes stations like Kaisererville, Makanchi Array, Pinyon Flats, etc.

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

Table with columns: Station Name, Time, Res, Phase, ID, h, m, s, ISC. Includes stations like S22A, BSUT, RDMU, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAV Davao City, IPM Ipoh, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP Musuan, CTBK Cotabato-PC H, CGP Cagayan de Oro, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1245 Castelsantange, T1245 comp=E,1017um,0.8s, T1245 comp=N,128um,0.2s, etc.

MOS 18 01:33:25.9, 1.38, 65N, 143.95E, h10km, mb4.9/45, Error ellipse: s-maj=6.4km s-min=4.0km az=101.6, Bul 18 01:33:27.1, 1.0, 38.78N, 143.72E, h5km, mb4.6/57, mB4.9/34, mS4.7/52, M5.7 4/4/50, JMA 18 01:33:29.0, 0.2, 38.68N, 144.14E, h46km, MD4.8/36, MW4.9/36, FAR E OFF MIYAGI PREF, JMA Felt 1 J1 at FAR E OFF MIYAGI PREF, NIED 18 01:33:29.0, 38.63N, 143.90E, h46km, MW4.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^16Nm; Mn=1.40; M0=0.54; M0=0.14; M0=1.40; M0=0.69; Fault plane solution: Ms1.960000x10^16 NP1: phi=197.00000, delta=85.00000, lambda=123.00000. NP2: phi=68.00000, delta=45.00000, lambda=49.00000. NEIC 18 01:33:29.1, 1.1, 38.60N, 0.06, 143.89E, 0.09, h18km, 4km, mb4.9/19 Error ellipse: s-maj=11.5km s-min=7.4km az=119.0, IDC 18 01:33:31.9, 2.1, 38.53N, 143.94E, h42km, 19km, mb4.2/44, mbmp4.4/48, ML4.0/4, MS4.1/61, Error ellipse: s-maj=12.5km s-min=10.4km az=143.0, GCMT 18 01:33:31.1, 0.3, 38.72N, 0.02, 144.02E, 0.02, h15km, 1km, MW5.0/100, Moment Tensor Solution. s38, c47; s100, c151; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=2.62e+18; M0=0.94e+12; M0=1.68e+11; M0=0.35e+41; M0=2.65e+07; M0=2.29e+40; Best double couple; Ms1.980000x10^16 NP1: phi=192.00000, delta=65.00000, lambda=125.00000. NP2: phi=71.00000, delta=42.00000, lambda=39.00000. Principal axes: T: 4.3360, P: 13.0000, Azm300.0000; N: -0.2740, P: 0.0000, Azm209.0000; P: -0.0600, P: 0.0000, Azm57.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment tensor function, ISC 18 01:33:28.7, 0.6, 38.62N, 0.04, 144.04E, 0.04, h19km, 2km, n700, t1554/695, mb4.7/153, MS4.3/76, 25C-27D, Off east coast of Honshu

XAN	comp=Z,11nm,1.1s	LR	LR						
XAN	comp=Z,620nm,14.5s	LR	LR						
XAN	comp=Z,610nm,15.1s	LR	LR						
SOMM	comp=Z,680nm,14.9s	P	P	01 39 24.8 +0.3					
SOMM	comp=Z,2.3nm,0.6s,baz=96,slow=5.6,SNR=14	PcP	PcP	01 42 34.4 -0.3					
SOMM	comp=Z,0.9nm,0.8s,baz=109,slow=3.7,SNR=1	P	P	01 39 24.3 -0.3					
SOMM	comp=Z,2.3nm,0.6s	P	P	01 39 45.6 +0.9					
ZAK	Songino Array	26.69 301	eP						
ZAK	Zakamensk	30.98 306	pmax						
LZH	comp=Z,5.0nm,1.2s								
LZH	Lanzhou	31.88 278	eP	01 39 57.6 +4.7					
LZH			pP	01 40 02.3 -3.4					
LZH			sP	01 40 04.6 +6.6					
LZH			S	01 45 05.4 +2.6					
LZH			sS	01 45 13.3 +3.7					
LZH			SS	01 46 54.5 +3.4					
LZH			pmax						
LZH	comp=Z,13nm,1.1s								
LZH	comp=Z,100nm,4.3s								
LZH	comp=Z,1µm,17.0s								
LZH	comp=Z,490nm,16.8s								
LZH									
BILL	comp=Z,930nm,18.1s								
BILL	Bilibino	31.93 16	P	01 39 53.3 +0.6					
BILL	Bilibino	31.93 16c	iP	01 39 53.1 +0.6					
BILL			e	01 41 03.6					
GYA	comp=Z,59nm,1.8s								
GYA	Guiyang	33.54 260	iP	01 40 10.8 +3.3					
GYA			S	01 45 27.0 -1.8					
GYA			pmax						
GYA	comp=Z,21nm,0.8s								
GYA	comp=Z,120nm,3.6s								
GYA	comp=Z,790nm,16.1s								
GYA	comp=Z,500nm,15.0s								
GYA	comp=Z,380nm,19.1s								
CD2	CD2	33.76 269	P	01 40 07.0 -2.3					
CD2	CD2		S	01 45 29.4 -2.6					
CD2	comp=Z,100nm,4.9s								
CD2	comp=Z,590nm,14.9s								
CD2	comp=Z,400nm,11.2s								
CD2	comp=Z,290nm,15.7s								
TIXI	Tiksi	33.99 351	LR	01 55 17.3					
TIXI	comp=Z,243nm,19.5s,baz=320,slow=38								
TIXI	Tiksi	33.99 351	P	01 40 09.8 -1.0					
TIXI			IAMB	01 40 11.4					
TIXI	comp=Z,6.5nm,0.7s								
TIXI	Tiksi	33.99 351	iP	01 40 10.8 +0.1					
GTA	comp=Z,7.0nm,0.7s								
GTA	Gaotai	34.11 286	eP	01 40 14.1 +1.7					
GTA			pP	01 40 26.0 +0.9					
GTA			pmax						
GTA	comp=Z,5.0nm,1.0s								
GTA	comp=Z,1µm,18.2s								
GTA	comp=Z,420nm,16.4s								
GTA	comp=Z,710nm,16.7s								
QIZ	Qiongzong	35.47 246	P	01 40 23.3 -0.8					
QIZ	QIZ		S	01 45 58.9 +0.4					
QIZ	comp=Z,730nm,21.6s								
QIZ	comp=Z,690nm,20.1s								
QIZ	comp=Z,630nm,14.1s								
PZH	PanZhiHua	37.34 264	P	01 40 39.9 -0.2					
PZH			S	01 46 24.8 -2.3					
PZH			pmax						
PZH	comp=Z,20nm,0.8s								
PZH	comp=Z,60nm,4.3s								
PZH	comp=Z,540nm,15.1s								
PZH	comp=Z,430nm,14.7s								
PZH									
TNA	comp=Z,410nm,15.7s								
TNA	Tin City	38.45 30	P	01 40 50.4 +1.6					
TNA	Tin City	38.45 30	P	01 40 50.7 +1.8					
GOMU	GeErMu	38.80 282	P	01 40 54.3 +1.6					
GOMU			pmax						
ANM	comp=Z,6.0nm,0.7s								
ANM	Nome	39.15 32	P	01 40 56.2 +1.4					
ANM	Nome	39.15 32	P	01 40 56.2 +1.4					
ANM			pmax						
ANM	comp=Z,10.0nm,0.8s								
SDPT	Nome	39.15 32	P	01 40 56.6 +1.8					
SDPT	Sand Point	40.20 47	P	01 41 05.3 +1.7					
RDOG	Red Dog Mine	41.15 27	P	01 41 12.8 +1.5					
RDOG			IAMB	01 41 14.5					
RDOG	Red Dog Mine	41.15 27	P	01 41 13.0 +1.7					
DGZ	Jazzator, Alta	41.18 305	iP	01 41 12.9 +0.9					
DGZ			pmax						
N16K	Nishlik Lake	41.39 39	P	01 41 15.0 +1.6					
O16K	Kokwok River B	41.66 40	P	01 41 17.1 +1.5					
P16K	Nushagak River	41.68 41	P	01 41 17.5 +1.8					
CRAI	Chiangrai	41.77 257	P	01 41 16.8 -0.3					
WMQ	Urumqi	42.00 296	eP	01 41 17.9 -0.8					
WMQ			pP	01 41 32.3 +0.8					
WMQ			pmax						
WMQ	comp=Z,21nm,0.7s								
WMQ	comp=Z,610nm,16.9s								
O17K	Koliganek Bris	42.17 40	P	01 41 21.2 +1.4					
Q16K	King Salmon	42.36 42	P	01 41 22.9 +1.6					
ZAAO	Zalesovo Array	42.41 311	P	01 41 21.9 +0.1					
ZALV	Zalesovo Beam	42.41 311	P	01 41 21.8 0.0					
ZALV	comp=Z,2.3nm,0.6s,baz=78,slow=7.7,SNR=8.6								
ZALV	comp=Z,2.3nm,0.6s			01 43 13.9 -0.7					
ZALV	Zalesovo Beam	42.41 311	P	01 41 21.1 -0.7					
ZALV	Zalesovo Beam	42.41 311	iP	01 41 24.2 +2.4					
NR1K	Noril'sk	42.72 334	P	01 41 24.7 +0.6					
NR1K	comp=Z,1.8nm,0.4s,baz=121,slow=5.9,SNR=9.9								
NR1K			LR	02 00 13.0					
NR1K	comp=Z,653nm,19.6s,baz=104,slow=37								
NR1K	comp=Z,1.8nm,0.4s								
NR1K	Noril'sk	42.72 334	P	01 41 24.1 0.0					
NR1K	Noril'sk	42.72 334	eP	01 41 25.0 +0.9					
NR1K			pmax						
Q17K	Contact Creek	42.76 42	P	01 41 25.4 +0.7					
GCSA	Galena City Sc	42.76 33	P	01 41 25.4 +0.9					
TTA	Tatalina	42.93 36	P	01 41 27.0 +1.0					
P18K	Big Mountain,	43.11 41	P	01 41 28.3 +0.8					
O18K	Koktuh Hills	43.13 40	P	01 41 29.0 +1.4					

Q18K	Katmai Hardscr	43.22 42	P	01 41 29.5 +1.0					
KRVT	Keravat (AS076	43.35 168	LR	01 55 18.0					
L19K	White Mountain	43.40 37	P	01 41 30.9 +1.1					
N19K	Bonanza Creek	43.52 39	P	01 41 31.6 +0.8					
CHTO	Chiang Mai	43.69 256	P	01 41 31.9 -0.7					
CHTO	Chiang Mai	43.69 256	P	01 41 31.9 -0.7					
K20K	Telida	43.84 35	P	01 41 34.4 +1.1					
L20K	Farewell, AK	43.87 36	P	01 41 34.7 +1.1					
CMAR	Chiang Mai Arr	43.91 256	P	01 41 33.2 -1.1					
CMAR	comp=Z,1.2nm,0.4s,baz=11,slow=7.6,SNR=7.0								
CMAR	comp=Z,154nm,18.8s,baz=50,slow=36			02 00 02.2					
CMAR	comp=Z,1.2nm,0.4s								
CMAR	Chiang Mai Arr	43.91 256	iP	01 41 35.4 +1.1					
CMAR			pmax						
OHAK	Old Harbor	44.17 44	P	01 41 36.0 +0.1					
A21K	Barrow	44.18 23	P	01 41 36.6 +0.8					
IMAR	Indian Mountai	44.22 31	P	01 41 37.3 +1.1					
G21K	Alakaket	44.38 31	P	01 41 38.8 +1.2					
F21K	Alatna River	44.48 30	P	01 41 39.4 +1.1					
KDAK	Kodiak Island	44.52 43	LR	01 59 36.3					
KDAK	Kodiak Island	44.52 43	LR	01 59 36.3					
H21K	Melozitna Rive	44.57 32	P	01 41 40.1 +1.0					
SPCR	Spurr Chakacha	44.63 38	P	01 41 41.0 +1.3					
CHUM	Lake Minchumin	44.66 34	P	01 41 40.9 +1.2					
PPLA	Purkeypile	44.67 36	P	01 41 41.5 +1.4					
CAST	Castle Rocks	44.74 35	P	01 41 41.9 +1.4					
I21K	Tanana	44.88 33	P	01 41 42.7 +1.2					
SKT	Skwentna	44.96 37	P	01 41 43.5 +1.3					
F22K	John River	45.01 29	P	01 41 44.0 +1.4					
MK31	Makanchi Array	45.06 301	P	01 41 43.2 0.0					
MK31	Makanchi Array	45.06 301	dIP	01 41 43.1 -0.1					
MKAR	Makanchi Array	45.06 301	P	01 41 43.3 +0.2					
MKAR	comp=Z,3.3nm,0.7s,baz=84,slow=3.3,SNR=38								
H22K	Ishaltina Cre	45.18 32	P	01 41 45.4 +1.4					
E22K	Anaktuvuk Pass	45.22 28	P	01 41 46.2 +1.9					
BPAW	Bear Paw Mtn.	45.25 34	P	01 41 46.2 +1.7					
BPAW			IAMB	01 41 48.9					
BPAW	Bear Paw Mtn.	45.25 34	P	01 41 45.8 +1.3					
MAKZ	Makanchi	45.26 301	P	01 41 44.8 -0.1					
MAKZ	comp=Z,5.6nm,0.7s			01 41 57.2					
MAKZ	Makanchi	45.26 301	P	01 41 44.8 -0.1					
SUA	Susitna One	45.33 38	P	01 41 46.4 +1.1					
MLY	Manley	45.40 33	P	01 41 47.3 +1.6					
MLY	Manley	45.40 33	P	01 41 47.6 +1.9					
TRF	Thorofare Moun	45.54 35	P	01 41 48.6 +1.6					
CUT	Chulitna	45.55 36	P	01 41 48.1 +1.3					
D23K	Nanushuk River	45.73 27	P	01 41 50.2 +2.0					
COLD	Coldfoot	45.75 30	P	01 41 50.0 +1.6					
G23K	Bananza Creek	45.78 30	P	01 41 50.4 +1.7					
RC01	Rabbit Creek A	45.83 38	P	01 41 50.4 +1.2					
H23K	Yukon River	45.93 32	P	01 41 51.8 +1.9					
I23K	Minto, Yukon-K	45.98 33	P	01 41 52.0 +1.8					
SEW	Seaward	46.02 40	P	01 41 52.5 +2.0					
E23K	Chandalar	46.04 29	P	01 41 52.2 +1.4					
NEA2	Nenana	46.10 33	P	01 41 52.3 +1.2					
NEA2			IAMB	01 41 54.3					
NEA2	Nenana	46.10 33	P	01 41 52.7 +1.5					
PMR									

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like GLA Glamis, BUR08 Bucovina Ar. S, BURAR Bucovina Array, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like VTS Vitoshia, MOA Mollin, SCHO Schefferville, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like SOCV Barichara, BARRC Barranca, Sant, RUSC La Rusia, etc.

IDC 18 02:06:51.9:0.8, 29:21Sx178:63W, h209km, 9km, mb3.4/4, mbmp4:1/5, Error ellipse: s-maj=24.9km s-min=18.7km az=50.0

ISC 18 02:06:51.0:1.0, 29:56Sx0:09:178:7W:0:1, h204km, n12, e1567/16, mb3.6/4, Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, MSVF Nonsauv, etc.

IDC 18 02:17:26:5.0: 7.9:95S: 160:81E, h0km, mb4.7/19, mbmp4:7/22, ML4.4/3, MS4.0/34, Error ellipse: s-maj=19.0km s-min=12.3km az=111.0

NEIC 18 02:17:27.8: 1.6, 7:96S: 0:06x160:95E:0:08, h10km, 1km, mb5:1/91, Error ellipse: s-maj=14.2km s-min=10.2km az=112.0

GCMT 18 02:17:27.8: 0.3, 7:97S: 0:03x160:98E:0:03, h18km, MW4.9/35, Moment Tensor Solution, s33,c36; s95,c119; Duration: 0 Moment tensor: Scale 1019Nm; Mn2.92z: 15; Mw-1.76z: 10; Mw-1.16z: 10; Mw-0.02z: 27; Mw0.02z: 10; Mw0.09z: 28; Best double couple: M2:7000x: 1016; N1:1z: 314.0000x: 350.0000; N2: 1.101.0000; N3: 0.117.0000; P1: 1.00000; P2: 1.77.0000; Principal axes: T 3.0360, P1g8.0000, Azm278.0000; N -0.6720, P1g8.0000, Azm127.0000; P -2.3640, P1g5.0000, Azm36.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BUL 18 02:17:29.5: 0.0, 7:81S: 160:95E, h32km, mb4.8/62, mb5:1/27, Ms4.7/7, Ms7.4/4.8

MOS 18 02:17:30.9: 0.9, 7:94S: 160:77E, h44km, mb5.2/38, Error ellipse: s-maj=8.0km s-min=7.1km az=87.9

ISC 18 02:17:31.4: 0.3, 7:98S: 0:04:160:95E:0:05, h35km, n543, s1815/28, mb5.0/24, MS4.2/37, 14C-10D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

FUNV 18 01:44:03.3, 7:95N: 72:24W, h8km, MW2.7, R5NC 18 01:44:06.5: 0.9, 7:57N: 72:30W, h0km, 7km, ML1.8

ISC 18 01:44:01.9: 1.0, 7:78N: 0:07:72:22W:0:04, h14km, 8km, n10, e1906/19, ID, Northern Colombia

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like CAPV Capacho, PAMC Pamplona, etc.

18d 2h

Table with columns: LPIG, La Paz, 92.08 66 LR, LR, 03 06 38.1, etc. Lists various meteorological stations and their data.

2017 MAR

Table with columns: Nm, Mm, 0.17z, 02, Mm, 0.97z, 02, Mm, 0.80z, 02, etc. Lists meteorological data for various stations.

1052

Table with columns: H06S1, SORCOR T, 103.99 77 T, T, 04 43 09.1, etc. Lists meteorological data for various stations.

IDC 18 02:33:25.0.0.8, 62.2245.0.09, h0km, mb4.2/7, mtdmp, 4.3/8, ML, 4.9/11, MS4.5/27, Error ellipse: s-maj=39.6km s-min=19.3km az=71.0

IDC 18 02:33:27.2.0.0, 62.2245.0.09, h164.3E, 0.2, h10km, n68, r121/23, mb4.6/10, MS4.5/28, Ballyn Islands region

IDC 18 02:43:20.7.1.3, 39.98N, 145.14E, h0km, mb3.6/5, mbtmp, 3.7/8, ML, 3.1/3, Error ellipse: s-maj=31.5km s-min=28.2km az=84.0

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAR, KSRS, SONM, ILAR, MKAR, ZALV, YKA, ESDC.

NAO 18 04:30:56.72.0, 79.72N:3.60E, ML4.4
NEIC 18 04:30:58.91.4, 79.6N:0.1:3.5E:0.4, h10km, 1km
MOS 18 04:30:58.3.1, 79.54N:3.08E, h10km, mb4.8/31, Error ellipse: s-maj=36.7km s-min=5.5km az=94.3

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists numerous stations and their characteristics.

Main table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Lists numerous stations and their characteristics.

Main table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Lists numerous stations and their characteristics.

18d 4h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CLUD Cludnicino, OBKA Obir, YKA Yellowknife Arr, etc.

2017 MAR

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GAR Garm, NEW Newort, MMAI Mount Meron Arr, etc.

1056

Table with columns: SNAE, Snae, Frequency, Power, and other technical details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Arr, etc.

SNTG	comp=E,2325µm,1.2s	AML	AML				
SNTG	comp=E,2260µm,1.2s	AML	AML				
SNTG	comp=N,2725µm,0.1s	AML	AML				
SNTG	comp=E,2325µm,0.8s	AML	AML				
SNTG	comp=E,2260µm,0.8s	AML	AML				
SNTG	comp=N,2465µm,0.2s	AML	AML				
T1212	Cascia, Frazio	0.26 177	P	Pg	04 51 07.6 +0.7		
T1212			S	Sb	04 51 12.0 -1.1		
T1212	comp=N,6475µm,0.6s	AML	AML				
T1212	comp=N,6315µm,0.6s	AML	AML				
T1212	comp=E,8165µm,0.4s	AML	AML				
T1212	comp=E,8355µm,0.4s	AML	AML				
T1212	comp=N,6475µm,0.5s	AML	AML				
T1212	comp=N,6315µm,0.5s	AML	AML				
ASSB	Assisi San Ben	0.27 276	↑P	Pg	04 51 07.7 +0.6		
ASSB			AML	AML			
ASSB	comp=N,6730µm,0.3s	AML	AML				
ASSB	comp=E,4125µm,0.3s	AML	AML				
T1214	Arquata del Tr	0.29 152	P	Pg	04 51 07.9 +0.5		
T1214			S	Sb	04 51 12.7 -1.2		
T1214	comp=E,3275µm,0.8s	AML	AML				
T1214	comp=N,3435µm,0.2s	AML	AML				
T1214	comp=E,3080µm,0.8s	AML	AML				
T1214	comp=N,3460µm,0.2s	AML	AML				
T1214	comp=E,3080µm,0.8s	AML	AML				
T1214	comp=N,3460µm,0.2s	AML	AML				
T1214	comp=N,3435µm,0.2s	AML	AML				
T1214	comp=E,3275µm,1.2s	AML	AML				
T1214	comp=E,3080µm,1.2s	AML	AML				
T1217	Poggiodoro (PG)	0.31 193	P	Pg	04 51 08.5 +0.7		
T1217			S	Sb	04 51 13.9 -0.7		
T1217	comp=E,3550µm,1.5s	AML	AML				
T1217	comp=E,3455µm,1.1s	AML	AML				
T1217	comp=N,3820µm,1.3s	AML	AML				
T1217	comp=E,3550µm,0.5s	AML	AML				
T1217	comp=N,3440µm,1.3s	AML	AML				
T1217	comp=E,3455µm,0.9s	AML	AML				
EL6	Elicito	0.32 10	↑P	Pg	04 51 08.6 +0.6		
EL6			S	Sb	04 51 14.0 -0.9		
EL6	comp=E,5810µm,0.7s	AML	AML				
EL6	comp=E,5815µm,0.7s	AML	AML				
EL6	comp=N,8305µm,0.2s	AML	AML				
EL6	comp=E,5815µm,1.3s	AML	AML				
ATCC	AVT- Casa Cast	0.33 301	↑P	Pg	04 51 08.8 +0.7		
ATCC			AML	AML			
ATCC	comp=E,4160µm,0.3s	AML	AML				
T1241	Roccafiumone,	0.34 118	↓P	Pg	04 51 08.8 +0.5		
T1241			AML	AML			
T1241	comp=N,2715µm,0.7s	AML	AML				
T1241	comp=E,3060µm,0.6s	AML	AML				
T1241	comp=E,3135µm,0.6s	AML	AML				
T1241	comp=N,2630µm,0.7s	AML	AML				
FOSV	Fossato di Vic	0.34 325	↓P	Pg	04 51 09.0 +0.6		
FOSV			S	Sb	04 51 14.6 -0.8		
FOSV	comp=N,2225µm,0.4s	AML	AML				
FOSV	comp=E,1780µm,0.9s	AML	AML				
MNTP	Montappone	0.35 69	P	Pb	04 51 09.3 -0.6		
MNTP			AML	AML			
MNTP	comp=E,4930µm,1.2s	AML	AML				
MNTP	comp=N,3380µm,0.4s	AML	AML				
MNTP	comp=E,4930µm,1.2s	AML	AML				
MNTP	comp=E,4930µm,0.8s	AML	AML				
MNTP	comp=N,3380µm,1.6s	AML	AML				
T1218	Civita (PG)	0.35 169	P	Pg	04 51 09.1 +0.6		
T1218			S	Sb	04 51 14.9 -0.8		
T1218	comp=E,2395µm,0.3s	AML	AML				
T1218	comp=N,3680µm,0.7s	AML	AML				
T1218	comp=N,3685µm,0.7s	AML	AML				
T1218	comp=N,3805µm,0.7s	AML	AML				
T1218	comp=E,2390µm,0.3s	AML	AML				
T1218	comp=E,2310µm,0.3s	AML	AML				
CING	Cingoli	0.38 19	↑P	Pg	04 51 09.7 +0.6		
CING			AML	AML			
CING	comp=E,3025µm,0.2s	AML	AML				
CING	comp=N,2040µm,1.3s	AML	AML				
MOMA	Monte Martano	0.40 238	↑P	Pg	04 51 10.0 +0.6		
MOMA			AML	AML			
MOMA	comp=E,1300µm,0.6s	AML	AML				
MOMA	comp=N,1370µm,1.4s	AML	AML				
MOMA	comp=N,1520µm,1.4s	AML	AML				
MOMA	comp=N,1370µm,1.4s	AML	AML				
MOMA	comp=E,1300µm,1.3s	AML	AML				
MOMA	comp=E,1300µm,0.7s	AML	AML				
MOMA	comp=E,1300µm,0.6s	AML	AML				
MOMA	comp=N,1520µm,0.6s	AML	AML				
MOMA	comp=N,1370µm,0.6s	AML	AML				
MURB	Monte Urbino	0.44 304	↑P	Pg	04 51 10.9 +0.6		
MURB			AML	AML			
MURB	comp=E,4695µm,0.3s	AML	AML				
MURB	comp=N,2970µm,1.4s	AML	AML				
MURB	comp=E,4940µm,0.2s	AML	AML				
MURB	comp=E,4695µm,0.2s	AML	AML				
MURB	comp=N,2970µm,0.6s	AML	AML				
MURB	comp=N,3195µm,0.2s	AML	AML				
SMA1	SAN MARTINO	0.45 149	↓P	Pg	04 51 10.7 +0.4		
SMA1			AML	AML			
SMA1	comp=E,2025µm,0.6s	AML	AML				
SMA1	comp=N,2060µm,0.5s	AML	AML				
SMA1	comp=N,2025µm,1.4s	AML	AML				
SSFR	Montelago di S	0.46 337	P	Pb	04 51 11.3 -0.5		
SSFR			AML	AML			
SSFR	comp=N,2885µm,0.7s	AML	AML				

SSFR	comp=E,3955µm,0.3s	AML	AML				
SSFR	comp=N,2840µm,0.7s	AML	AML				
SSFR	comp=E,4110µm,0.2s	AML	AML				
SSFR	comp=N,2840µm,1.3s	AML	AML				
SSFR	comp=N,2885µm,1.3s	AML	AML				
ARRO	Arrone	0.47 204	↑P	Pg	04 51 11.4 +0.6		
ARRO			AML	AML			
ARRO	comp=N,959µm,1.0s	AML	AML				
ARRO	comp=E,1335µm,0.3s	AML	AML				
ARRO	comp=N,959µm,1.0s	AML	AML				
ATFO	Monte Foc - G	0.48 317	↑P	Pg	04 51 11.7 +0.6		
ATFO			S	Sb	04 51 19.9 +0.2		
ATFO	comp=N,746µm,0.2s	AML	AML				
ATFO	comp=E,858µm,0.9s	AML	AML				
ATFO	comp=E,858µm,1.1s	AML	AML				
ARVD	Arcevia	0.49 353	↑P	Pg	04 51 11.6 +0.5		
ARVD			S	Sb	04 51 20.1 +0.4		
ARVD	comp=N,884µm,0.3s	AML	AML				
ARVD	comp=N,1078µm,0.5s	AML	AML				
OFFI	Offida	0.49 99	↑P	Pb	04 51 12.6 +0.2		
OFFI			AML	AML			
OFFI	comp=E,2485µm,0.3s	AML	AML				
T1211	Morro Reatino	0.50 195	↑P	Pg	04 51 11.8 +0.6		
T1211			S	Sb	04 51 20.1 +0.2		
T1211	comp=N,2445µm,0.9s	AML	AML				
T1211	comp=N,2445µm,0.9s	AML	AML				
T1211	comp=E,1760µm,0.9s	AML	AML				
T1211	comp=E,1775µm,0.9s	AML	AML				
T1211	comp=N,2445µm,0.9s	AML	AML				
T1211	comp=E,1760µm,1.1s	AML	AML				
T1211	comp=E,1775µm,1.1s	AML	AML				
CESX	Cesi	0.52 219	↑P	Pg	04 51 12.1 +0.4		
CESX			S	Sb	04 51 20.4 -0.1		
CESX	comp=N,1870µm,0.3s	AML	AML				
CESX	comp=E,1870µm,0.3s	AML	AML				
RM33	Pellescritta (	0.52 165	↓P	Pg	04 51 12.0 +0.3		
RM33			AML	AML			
RM33	comp=E,1310µm,1.5s	AML	AML				
RM33	comp=N,1450µm,1.2s	AML	AML				
RM33	comp=E,1265µm,1.6s	AML	AML				
RM33	comp=E,1310µm,1.6s	AML	AML				
RM33	comp=N,1420µm,1.2s	AML	AML				
RM33	comp=N,1420µm,0.8s	AML	AML				
RM33	comp=E,1310µm,0.4s	AML	AML				
RM33	comp=E,1265µm,0.4s	AML	AML				
RM33	comp=N,1450µm,0.8s	AML	AML				
ATTE	AVT- Monte Tez	0.53 291	↑P	Pg	04 51 12.3 +0.5		
ATTE			AML	AML			
ATTE	comp=N,498µm,1.0s	AML	AML				
ATTE	comp=E,794µm,0.5s	AML	AML				
FRON	Frontone	0.55 336	↑P	Pg	04 51 12.8 +0.5		
FRON			AML	AML			
FRON	comp=N,1073µm,1.3s	AML	AML				
FRON	comp=E,790µm,0.6s	AML	AML				
CAMP	Campotosto	0.56 149	↓P	Pg	04 51 12.5 +0.1		
CAMP			AML	AML			
CAMP	comp=E,465µm,1.0s	AML	AML				
CAMP	comp=N,452µm,0.6s	AML	AML				
CAMP	comp=N,452µm,1.4s	AML	AML				
CAMP	comp=E,465µm,1.0s	AML	AML				
PP3	Marolino	0.56 49	↓P	Pb	04 51 13.9 +0.3		
PP3			AML	AML			
PP3	comp=N,2455µm,1.3s	AML	AML				
PP3	comp=N,2570µm,1.3s	AML	AML				
PP3	comp=N,2455µm,0.7s	AML	AML				
PP3	comp=E,2460µm,0.3s	AML	AML				
PP3	comp=E,2525µm,0.3s	AML	AML				
PP3	comp=N,2570µm,						

18d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Raukumara Rang, Kaimai, Omani, Kuaotunu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ciudad Bolivar, CBOC, Guyana, Caldas.

2017 MAR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Villamaría, Ca, Santa Ana, NORC Norcasia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Caracol de Cor, Canoas, GOLFITO, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TISN Laguna Tiscapa, COPN Copalpete, MOMM Motomoto, etc.

WEL 18 05:43:18.9, 38°S, 176°E, h65km, 15km, M2.5, 10

18d 8h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 26.95, WARRAMUNGA ARR 28.39 243 P, etc.

NNC 18 08:08:25.2-4.1, 49.53N-83.65E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=37.2km s-min=11.7km az=64.0, Suspected Mining explosion.

IDC 18 08:08:25.3-1.7, 49.66N-83.79E, h0km, mbtmp2.4/2, ML2.0/2, Error ellipse: s-maj=48.5km s-min=12.7km az=104.0

ISC 18 08:08:24.3-1.2, 49.52N-0.04-83.5E-0.1, h0km, n7, o075/8, 6C-2D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MAK31 Makanchi Array 2.84 197 P, MK31 Makanchi Array 88.11 318 P, etc.

IDC 18 08:09:46.2-2.0, 2.85N-125.88E, h0km, mb3.5/3, mbtmp3.5/3, MS2.5/1, Error ellipse: s-maj=179.1km s-min=26.0km az=65.0, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DAV Davao City (W) 4.20 356 LR, WRA Warramunga Arr 24.13 160 P, etc.

CNRM 18 08:28:21.2, 36.88N-9.96W, h81km, ml2.3 SFS 18 08:28:22.4, 37.07N-9.96W, h16km, ML3.1/8, ML3.3/5, MLV3.0/8

MDD 18 08:28:22.4-0.9, 37.07N-9.96W, h16km, 7km, mb_Lg2.1/7, Error ellipse: s-maj=10.0km s-min=5.3km az=38.0

IGIL 18 08:28:23.0, 37.08N-9.93W, h9km, ML1.7 INMG 18 08:28:23.0, 1.1, 37.07N-9.93W, h16km, 5km, ML2.0, Error ellipse: s-maj=6.0km s-min=3.4km az=47.0

ISC 18 08:28:18.7-2.0, 37.00N-0.05-10.06W-0.08, h10km, n44, o2512/72, 2D, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PFVI Vila Bisbo 0.99 82 P, ASAR Alice Springs 27.50 164 P, etc.

2017 MAR

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MORF Marmetele 1.16 74 eP, PTEO Sao Teotonio 1.20 62 eS, PNCL Nicolau / Gran 1.65 47 eP, etc.

FUNV 18 08:40:12.1, 10.46N-62.65W, h5km, MW2.9 TRN 18 08:40:13.3, 10.37N-62.36W, h124km, MD3.4

ISC 18 08:40:08.4-1.3, 10.20N-0.05-62.65W-0.03, h10km, n10km, n11, o253/22, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CRUV Carupano 0.75 309 eP, TRN Trinidad (W) 1.30 70 eS, GRGR Grenville 2.16 27 eP, etc.

ROM 18 08:42:59.1-0.1, 43.022N-0.004-13.033E-0.005, n9km, ML1.7/16, 3C-6D, Error ellipse: s-maj=0.5km s-min=0.3km az=34.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like T1219 Muccia, Frazio 0.04 332 P, FDMO Fiordimonte 0.04 70 P, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like T1220 comp=N, 1410um, 0.3s, T1220 comp=E, 3125um, 0.3s, T1216 Preci, Frazion 0.13 184 P, etc.

CDITO baz=182 Canoas 14.79 123 Pn	10 41 08.2 -0.4	BRD Birdtown, Kers 21.98 34 P	10 42 29.5 -1.0	Q54A baz=124 Coxs Mills 25.24 27 P	10 43 00.1 -1.2
BRU2 Volcan 14.80 122 Pn	10 41 08.3 -0.7	CBKS Cedar Bluff 22.01 351 P	10 42 31.4 +0.7	P52A Corning 25.25 24 P	10 42 59.9 -1.4
237A Washetta, Mont 14.88 358 Pn	10 41 09.4 -0.2	CBKS Cedar Bluff 22.01 351 P	10 42 29.7 -1.0	baz=131,SNR=25 T59A Double "B" Far 25.29 35 P	10 43 00.7 -1.6
344A Westbrook Farm 14.92 15 Pn	10 41 10.2 0.0	TZTN Tazewell 22.03 26 P	10 42 29.2 -1.7	GMCR Granite Mounta 25.32 318 P	10 43 02.2 -1.5
WHTX baz=172,SNR=61 S	10 43 49.1 -7.3	ZARC Zaragoza, Cauc 22.13 113 P	10 42 29.5 -1.4	baz=129 L42A Oliver, Polo 25.32 10 P	10 43 04.4 +2.1
346A Big Creek Wild 15.22 19 Pn	10 41 13.7 -0.3	SDCO Great Sand Dun 22.46 339 P	10 42 34.7 +2.5	SDV Santo Domingo 25.38 106 P	10 43 02.1 -0.9
FW13 Cleburne 15.34 353 Pn	10 41 16.1 +0.6	SDCO Great Sand Dun 22.46 339 P	10 42 36.4 +0.6	comp=Z,22nm,0.6s SDV Santo Domingo 25.38 106 P	10 42 59.9 -3.1
FW14 Alvarado 15.36 354 Pn	10 41 16.0 +0.3	OLIL Olney 22.50 15 P	10 42 34.8 -0.9	SDV Santo Domingo 25.38 106 P	10 43 02.3 -0.7
FW16 Waxahatchie 15.41 355 P	10 41 17.4 +1.0	WCI Wyandotte Cave 22.52 19 P	10 42 34.9 -1.2	PS3A Lake Whitney 25.43 26 P	10 43 02.7 +1.2
CSIG Choix 15.50 311 P	10 41 20.6 +0.7	WCI Wyandotte Cave 22.52 19 P	10 42 34.5 -1.6	ACSO Alum Creek Sta 25.45 22 P	10 43 05.1 -1.6
LPIG La Paz 15.57 299 P	10 41 22.8 +1.1	WCI Wyandotte Cave 22.52 19 P	10 42 35.5 -0.6	comp=Z,45nm,0.8s ACSO Alum Creek Sta 25.45 22 P	10 43 02.4
7.0nm,0.3s,baz=180,snr=5,SNR=2.5 VBMS Vicksburg 15.70 15 Pn	10 41 19.4 -0.6	baz=203 V55A Taylorville 22.53 4 P	10 42 34.8 -1.4	ACSO Alum Creek Sta 25.45 22 P	10 43 01.4 -1.7
VBMS Vicksburg 15.70 15 P	10 41 17.5 -2.6	P38A Bawn 22.53 4 P	10 42 34.8 -1.3	N23A Red Feather La 25.45 341 P	10 43 05.2 +1.7
VBMS baz=197 S	10 44 01.4 -12	X58A Rowland 22.54 36 P	10 42 35.2 -1.0	K38A Parkersburg 25.59 4 P	10 43 03.7 +0.7
FW07 Weatherford 15.73 352 P	10 41 21.6 -0.7	SFX San Felipe 22.56 312 P	10 42 39.2 +2.7	MURC Munroe 25.63 314 P	10 43 07.4 +2.4
BRAL Brewton 15.93 27 S	10 41 21.8 -1.2	P40A Paris 22.56 7 P	10 42 35.1 -1.4	K31A O'Neill 25.64 354 P	10 43 06.1 +1.2
FW06 Azle 15.96 353 P	10 41 23.8 +0.5	W57A Gilead 22.57 34 P	10 42 35.5 -1.6	K31A O'Neill 25.64 354 P	10 43 06.3
143A Socs Landing, 15.97 12 Pn	10 41 22.1 -1.2	YOTC Yotco, Valle 22.71 129 P	10 42 39.8 +1.0	N49A Columbus Grove 25.65 20 P	10 43 03.7 -1.2
ABTX Abilene, Hawle 15.97 347 Pn	10 41 23.3 -0.2	KSC0 Kaye Shedlock 22.77 345 P	10 42 39.5 +0.7	N49A Columbus Grove 25.65 20 P	10 43 06.6
ABTX Abilene, Hawle 15.97 347 Pn	10 41 23.2 -0.2	U54A Neisons Funny 22.77 29 P	10 42 37.4 -1.4	O52A Z,28nm,0.8s Adamsville 25.78 24 P	10 43 04.7 -1.4
451A Vernon 16.07 31 Pn	10 41 24.2 -0.4	V42A Gutana, Caldas 22.82 11 P	10 42 40.1 +0.2	HEC Hector,Ludlow 25.79 317 P	10 43 08.6 +2.3
Z38A Mt. Pleasant 16.13 1 P	10 41 25.7 +0.4	113A Mohawk Valley, 22.83 31 P	10 42 41.7 +2.4	ELS Elsinore Mount 25.82 314 P	10 43 09.1 +2.4
Z41A Richland Creek 16.28 8 P	10 41 27.3 0.0	PTBC PUERTO BERRIO, 22.93 115 P	10 42 42.1 +1.7	L44A Lake County Fo 25.82 13 P	10 43 06.3 -0.2
Z35A Perchaven, San 16.29 354 Pn	10 41 27.7 +0.3	RDDR Presa de Saban 22.94 82 P	10 42 40.0 -0.5	L44A Lake County Fo 25.82 13 P	10 43 06.4 -0.1
553A Crawfordville 16.43 35 Pn	10 41 28.1 -0.9	S49A Shelbyville, 22.95 21 P	10 42 38.5 -1.9	BBRC Big Bear Solar 25.83 316 P	10 43 08.8 +1.9
554A Union 16.51 19 Pn	10 41 28.1 -0.9	S22A 4UR Ranch, Cre 22.95 336 P	10 42 40.9 +1.5	R58B Mineral 25.85 33 P	10 43 05.3 -1.5
WLAR White Oak Lake 16.67 6 P	10 41 31.6 -0.5	S22A 4UR Ranch, Cre 22.95 336 P	10 42 44.3 +3.5	TUQ Turquoise Moun 25.90 319 P	10 43 09.7 +2.2
WTF5 Witchita Falls 16.67 351 P	10 41 35.0 0.0	baz=151 S51A Beattyville 22.95 24 P	10 42 40.2 +1.3	Q56A Snyder Ridge, 26.04 30 P	10 43 07.6 -0.9
POST Post 16.88 342 P	10 41 35.6 +0.5	P43A Skaggs, Pawnee 23.05 12 P	10 42 44.3 +1.4	Q56A Snyder Ridge, 26.04 30 P	10 43 08.5
DWPF Disney Wildern 16.88 47 P	10 41 32.8 -1.9	MVCO Mesa Verde 23.19 322 P	10 42 44.3 +1.4	L46A Eue Claire 26.04 15 P	10 43 08.0 -0.5
DWPF Disney Wildern 16.88 47 P	10 41 32.8 -1.9	ANIL Santa Ana 23.19 120 P	10 42 43.8 +0.5	L46A Eue Claire 26.04 15 P	10 43 35.4
656A Willston 16.96 42 Pn	10 41 33.4 -2.2	URIC Uribia, Colomb 23.22 100 P	10 42 42.1 -1.1	JFWS Jewell Farm 26.12 8 P	10 43 08.8 -0.5
250A Grady 16.97 27 P	10 41 34.7 -1.0	BBAC Balboa, Cauca 23.23 128 P	10 42 46.1 +2.6	JFWS Jewell Farm 26.12 8 P	10 43 08.7 -0.5
GD12 Guadalupe Moun 17.14 333 Pn	10 41 38.7 +0.5	R50A Paris 23.23 22 P	10 42 41.4 -1.7	JFWS Jewell Farm 26.12 8 P	10 43 08.7 -0.5
352A Blakely 17.18 31 Pn	10 41 37.3 -1.0	WU4Z Wupatki 23.27 325 P	10 42 45.7 +2.0	L46A Eue Claire 26.04 15 P	10 43 07.6 -0.9
MINTX Cornudas Mount 17.19 330 P	10 41 40.2 +1.7	PACI Pacto, Paraso 23.32 134 P	10 42 45.9 +6.6	L46A Eue Claire 26.04 15 P	10 43 08.5
Z47A Carrollton 17.35 21 P	10 41 38.4 -1.8	BLO Bloomington 23.33 17 P	10 42 43.4 -0.5	JFWS Jewell Farm 26.12 8 P	10 43 08.7 -0.5
MIAR Mount Ida 17.48 5 P	10 41 41.8 +0.2	BLO Bloomington 23.33 17 P	10 42 43.4 -0.5	JFWS Jewell Farm 26.12 8 P	10 43 08.7 -0.5
MIAR Mount Ida 17.48 5 P	10 41 41.8 +0.2	U56A Upayan, Colom 23.33 32 P	10 42 47.0 +2.6	JFWS Jewell Farm 26.12 8 P	10 43 08.7 -0.5
4X0A Basin Creek Fa 17.49 7 P	10 41 41.1 -0.7	Q24A Divide 23.44 340 P	10 42 42.1 -1.4	JFWS Jewell Farm 26.12 8 P	10 43 08.7 -0.5
Y45A Yeager Farm, C 17.52 16 P	10 41 41.7 -0.4	Q24A Divide 23.44 340 P	10 42 49.4 +4.0	JFWS Jewell Farm 26.12 8 P	10 43 08.8 -0.5
LRAL Lakeview Retre 17.59 24 P	10 41 42.1 -0.7	CMBC Cumbal 23.53 311 P	10 42 49.3 +3.4	O53A New Philadelph 26.14 25 P	10 43 08.1 -1.3
LRAL Lakeview Retre 17.59 24 P	10 41 41.9 -1.0	P46A Rosedale 23.56 16 P	10 42 45.6 -0.3	O53A New Philadelph 26.14 25 P	10 43 08.2 -1.3
LRAL baz=207 S	10 44 44.8 -14	V58A Windy Hill, Pi 23.57 35 P	10 42 44.5 -1.7	MCRA Macar, Loja 26.16 143 P	10 43 11.4 +1.6
UALR University of 17.84 8 P	10 41 45.9 +0.3	OTAV Otatavo 23.58 133 P	10 42 47.2 +0.2	MCWV Mont Chateau 26.28 28 P	10 43 08.2 -1.1
TIGA Tifton 17.85 35 P	10 41 44.3 -0.9	OTAV Otatavo 23.58 133 P	10 42 47.5 +0.6	MCWV Mont Chateau 26.28 28 P	10 43 08.7 -1.6
TIGA Tifton 17.85 35 P	10 41 44.3 -0.9	ORTO Ortega, Tolima 23.59 37 P	10 42 49.0 +1.5	MCWV Mont Chateau 26.28 28 P	10 43 08.7 -1.6
WMOK Wichita Mounta 17.87 351 Pn	10 41 46.5 -0.2	N33A J Bar K, Exete 23.68 356 P	10 42 48.9 +2.0	K43A Kibler 26.24 12 P	10 43 10.0 -0.2
WMOK Wichita Mounta 17.87 351 Pn	10 41 46.5 -0.2	GCUF Volcan Gualenta 23.68 350 P	10 42 53.0 +5.0	CBN Corbin Frederi 26.30 33 P	10 43 10.7
WMOK Wichita Mounta 17.87 351 Pn	10 41 46.2 +0.2	GLA Glamis 23.71 316 P	10 42 49.9 +2.4	BFSC Mount Baldy Ra 26.31 315 P	10 43 12.7 +1.5
WMOK Wichita Mounta 17.87 351 Pn	10 41 46.2 +0.2	GLA Glamis 23.71 316 P	10 42 48.6 +1.1	GSC Goldstone, Bar 26.38 318 P	10 43 12.4 +0.7
WMOK baz=169 S	10 44 57.6 -8.2	N35A Tabor 23.71 359 P	10 42 47.5 +0.1	SHOC Shoshone, Teco 26.42 319 P	10 43 14.3 +2.3
W35A Tecumseh 18.07 356 Pn	10 41 48.8 -0.2	N38A Joes South For 23.71 4 P	10 42 47.7 -0.1	O54A Avella 26.43 26 P	10 43 10.6 -1.4
MSTX Muleshoe 18.11 340 P	10 41 50.5 +0.8	CRUC La Cruz 23.75 128 P	10 42 47.7 -0.1	O54A Avella 26.43 26 P	10 43 11.4
OXF Oxford 18.16 16 P	10 41 49.2 0.0	O44A Mansfield 23.76 13 P	10 42 47.7 -0.1	comp=Z,35nm,0.6s M50A Freemont 26.46 21 P	10 43 10.9 -1.3
OXF Oxford 18.16 16 P	10 41 49.2 0.0	CNNC Cliffs of the 23.85 37 P	10 42 47.2 -1.2	M50A Freemont 26.46 21 P	10 43 11.4
OXF Oxford 18.16 16 P	10 41 48.3 -0.9	CNNC Cliffs of the 23.85 37 P	10 42 47.4 -1.4	L48A N Adams 26.50 18 P	10 43 10.8 -1.8
152A Waverly Hall 18.25 30 P	10 41 49.9 -0.3	ESJX Sierra Juarez 23.87 312 P	10 42 48.8 -1.2	L48A N Adams 26.50 18 P	10 43 12.7
WHAR Wooly Mountain 18.35 8 P	10 41 51.1 -0.1	N41A Harden Midland 23.87 8 P	10 42 48.3 -0.5	ECSD EROS Data Cent 26.60 358 P	10 43 13.5 0.0
Y49A Blount Hallow 18.54 24 Pn	10 41 52.6 -0.8	P48A Millroy 23.92 17 P	10 42 48.9 -1.5	ECSD EROS Data Cent 26.60 358 P	10 43 53.7
AMTX Amarillo 18.63 343 Pn	10 41 55.3 -0.5	HDIL Hopedale 23.98 11 P	10 42 49.5 +0.2	ECSD EROS Data Cent 26.60 358 P	10 43 13.1 -0.4
DEOK Depew 18.73 357 P	10 41 55.5 +0.1	HDIL Hopedale 23.98 11 P	10 42 48.8 -1.0	N53A Edwards Air Fo 26.91 316 P	10 43 17.7 -1.3
TUL1 Leonard 18.77 359 P	10 41 55.5 -0.4	BLA Blacksburg 24.00 30 P	10 42 48.9 -1.6	I37A Lemond, Waseca 26.91 3 P	10 43 15.5 -0.7
OK030 Cody Creek RV 18.83 356 P	10 41 56.9 +0.4	BLA Blacksburg 24.00 30 P	10 42 51.0 -0.7	I37A Lemond, Waseca 26.91 3 P	10 43 59.7
HBAR Harrisburg 18.88 12 P	10 41 56.3 -0.7	BLA Blacksburg 24.00 30 P	10 42 48.8 -1.2	P57A Homestead Farm 26.95 31 P	10 43 15.6 -1.1
OK052 Battle Ridge R 19.00 356 P	10 41 57.6 +0.4	BARC Barichara 24.02 113 P	10 42 48.9 -1.2	P57A Homestead Farm 26.95 31 P	10 43 16.5
OK033 Mehan 19.86 356 P	10 41 57.9 0.0	PRAC Prado 24.05 121 P	10 42 49.2 -1.6	I40A Norwalk 27.04 8 P	10 43 17.1 -0.3
FCAR Ozark Folk Cen 18.96 8 P	10 41 58.0 +0.1	PRAC Prado 24.05 121 P	10 42 49.9 +2.0	I40A Norwalk 27.04 8 P	10 43 18.4
121A Cokes Peak, D 19.08 326 Pn	10 42 01.5 +0.3	PDMCI Parker Dam,Lak 24.05 319 P	10 42 51.6 +1.1	AAM Ann Arbor 27.06 19 P	10 43 17.4 -0.2
SWET Sewanee 19.23 23 P	10 42 07.6 -0.8	S54A Dingess, Beckl 24.05 28 P	10 42 51.9 +0.8	AAM Ann Arbor 27.06 19 P	10 43 15.3 -2.3
KAN13 South Haven SW 19.96 355 P	10 42 08.8 0.0	PAMC Pamplona, Colo 24.11 114 P	10 42 53.6 +0.8	TPNV Topopah Spring 27.08 321 P	10 43 20.3 +2.2
WVT Waverly 20.12 18 P	10 42 08.9 -1.6	BEATC Betania 24.11 152 P	10 42 54.8 +1.5	FURC Furnace Creek, 27.14 320 P	10 43 20.0 +1.6
W50A Signal Mountai 20.15 24 P	10 42 07.6 -0.8	RS3A Hurricane 24.22 50 P	10 42 54.8 +1.5	M52A Chesterland 27.19 23 P	10 43 17.4 -1.4
KS20 Mayfield South 20.18 355 P	10 42 11.0 -0.2	YUH Yuha Desert 24.22 314 P	10 42 54.7 +1.3	M52A Chesterland 27.19 23 P	10 43 17.9
ANMO Albuquerque 20.19 333 P	10 42 16.7 +0.1	P49A Miami Univ, Ec 24.22 20 P	10 42 53.2 -0.2	MPMC Manual Prospec 27.28 318 P	10 43 21.2 +1.3
ANMO Albuquerque 20.19 333 P	10 42 17.2 +0.6	P49A Miami Univ, Ec 24.22 20 P	10 42 52.5 -0.3	I42A Draeger Farm, 27.29 10 P	10 43 19.3 -0.3
ANMO Albuquerque 20.19 333 P	10 42 16.7 +0.1	SLOR San Lorenzo - 24.25 135 P	10 42 51.9 -0.8	M53A W Miller and 27.37 24 P	10 43 19.1 -1.3
CLTN Cedars of Leba 20.57 21 P	10 42 14.2 -1.1	SMCO Snowmass 24.26 338 P	10 42 54.8 +1.5	M53A W Miller and 27.37 24 P	10 43 19.1 -1.3
S39A Bolivar 20.62 5 P	10 42 15.9 0.0	SPIN Lafayette 24.30 15 P	10 42 54.8 +1.5	SUSD Miller 27.46 354 P	10 43 21.7 +0.5
TUC Tucson 20.64 320 Pn	10 42 18.8 -0.5	SWSC San W, Stewart 24.30 314 P	10 42 56.3 +1.0	SDMD Soldier's Deli 27.48 32 P	10 43 20.3 -1.1
TUC Tucson 20.64 320 Pn	10 42 18.8 -0.6	IKP In-Ko-Pah, Jac 24.35 313 P	10 42 58.0 +2.8	SCZ2 Santa Cruz Isl 27.55 312 P	10 43 23.6 +1.4
TUC Tucson 20.64 320 Pn	10 42 17.7 +1.5	ISCO Idaho Springs 24.35 341 P	10 42 57.1 +1.6	ARVC Arvin 27	

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sand Point, Nishlik Lake, Altna River, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MNK, MNK, AKKB, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PB16, Vnda, LPaz, etc.

Table with 5 columns: BTLS, Baital, 5.66, 5 ePg, Pb, 10 45 50.8 +3.5

Table with 5 columns: BTLS, 2.6nm, 0.3s, eLg, Lg, 10 47 03.7

DJA 18 10:47:15.0-0.7, 5'S, 152.5'E, h43km, 9km, M5, 1/9, mb4.9/3, mb4.8/9, MLv5.3/2, Mw(mb)4.2/3

ISC 18 10:47:15.8-1.0, 5.36S, 151.96E, h58km, 8km, mb4.1/17, mbmp4.4/20, MS3.8/16, Error ellipse: s-maj=15.9km

NEIC 18 10:47:16.5-0.6, 5.26S, 0.07x151.88E, 0.07, h58km, 7km, mb4.6/31, Error ellipse: s-maj=11.1km s-min=9.2km

ISC 18 10:47:14.9-0.4, 5.33S, 0.05x151.91E, 0.07, h45km, n99, r1514/96, mb4.5/33, MS3.9/14, New Britain region

Main table of seismic events with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC

Table of seismic events for 17 MAR with columns: SONMI, SONGINGO, 66.30 328, P, Iamb, Iamb, 10 57 58.9 0.0

BUI 18 10:51:05.4-0.0, 2.86N, 98.61E, h5km, mb4.6/40, mb4.9/22, Ms4.7/26, Ms7.4/3/26

ISC 18 10:51:06.7-0.5, 3.34N, 98.40E, h0km, mb4.3/24, mbmp4.3/26, ML4.3/2, MS4.0/42, Error ellipse:

NEIC 18 10:51:10.2-2.3, 3.28N, 0.04x98.45E, 0.05, h10km, 1km, mb4.8/56, Error ellipse: s-maj=8.8km s-min=5.5km

DJA 18 10:51:11.3-0.2, 3.2N, 98.8E, h10km, M4.8/23, mb5.3/9, mb4.9/23, MLv5.0/18, Mw(mb)4.7/9

GCMT 18 10:51:11.2-0.3, 3.42N, 0.03x98.47E, 0.02, h21km, 3km, MW4.9/66, Moment Tensor Solution, s24.c30, s66.c86;

Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-1.94e-19; Mtt-0.21e-10; Mbb-2.15e-12; Mtr-0.92e-24; Mtr-0.77e-07;

Mrr-0.92e-19; Best double couple: Ms2.56700x10^16 Np1=328.00000, s62.00000, -1.107.00000. NP2: s181.00000, s33.00000, -1.61.00000. Principal axes:

T: 2.7040, Plg15.0000, Azm71.0000; N: -0.2760, Plg15.0000, Azm336.0000; P: -2.4290, Plg68.0000;

Azm203.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 18 10:51:09.6-0.3, 3.28N, 0.03x98.44E, 0.03, h10km, n211, s175/190, mb4.7/73, MS4.1/52, 142-9D, Northern Sumatra

Table of seismic events for 17 MAR with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC

Main table of seismic events for 17 MAR with columns: BBKI, BANJAR BARU, 17.73 112, P, P, Pn, 10 55 19.1 +1.4

18d 13h

Table with columns: KURSB, KURK, Time, Res, ISC, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes Kurchatov Arra and Kurchatov.

IDC 18 11:43:24.3±0.9, 3.48S; 76.16W, h0km, mb3.8/9, mbmp3.9/13, ML3.6/4, MS3.1/3, Error ellipse: s-maj=37.5km s-min=19.0km az=72.0

VAO 18 11:43:32.7±0.5, 3.85S; 75.88W, h10km, mb4.1, ISC 18 11:43:32.7±0.6, 3.81S; 75.85W; 76.54W±0.08, h10km, n50, α171/46, mb3.9/8, Northern Peru

Main table for 18d 13h section, listing stations like ATAH, BONI, PACI, TULM, etc. with their respective coordinates and parameters.

Continuation of the main table for 18d 13h section, listing stations like LAPAZ, SIV, LVC, BBS, etc.

IDC 18 12:20:4.1±0.1, 1.69N-98.98E, h138km, 7km, mb3.8/12, mbmp4.2/13, Error ellipse: s-maj=26.7km s-min=12.1km az=60.0

DJA 18 12:22:0.0±0.3, 2.1N; 2.9E, h142km, 4km, M4.4/16, mb4.5/5, mB4.8/1, MLV4.1/6, Mw(mB)4.0/1

NEIC 18 12:21:9.1±1.5, 1.84N; 0.06E; 99.04E±0.04, h144km, 6km, mb4.6/22, Error ellipse: s-maj=9.2km s-min=6.1km az=163.0

ISC 18 12:21:21.9±0.4, 1.82N; 0.05E; 99.06E±0.05, h150km, n77, α110/84, mb4.3/25, Northern Sumatara

Main table for 18d 13h section, listing stations like SBSI, RPSI, GSI, etc. with their respective coordinates and parameters.

2017 MAR

Main table for 2017 MAR section, listing stations like WBO, WRA, WRA, etc. with their respective coordinates and parameters.

IDC 18 12:24:48.4±4.9, 6.5S; 114.25E, h0km, mb3.2/4, mbmp3.3/4, Error ellipse: s-maj=278.9km s-min=23.7km az=47.0

DJA 18 12:24:54.1±0.5, 10.5S; 117.4E, h10km, M3.7/12, MLV3.7/12

ISC 18 12:24:54.1±1.2, 9.70S; 0.08E; 114.21E±0.05, h31km, n16, α132/20, mb3.9/4, South of Bali

Main table for 2017 MAR section, listing stations like JAGI, IGBI, DNP, etc. with their respective coordinates and parameters.

IDC 18 12:31:52.9±0.8, 15.41S; 173.23W, h0km, mb4.0/10, mbmp4.0/11, ML4.3/1, MS3.5/8, Error ellipse: s-maj=40.4km s-min=16.1km az=137.0

ISC 18 12:31:57.3±0.9, 15.45S; 0.2E; 173.2W±0.2, h29km, n21, α130/13, mb3.9/10, MS3.7/6, Tonga Islands

Main table for 2017 MAR section, listing stations like AFI, AFI, AFI, etc. with their respective coordinates and parameters.

1074

Main table for 1074 section, listing stations like HNR, H1N3, H1N1, etc. with their respective coordinates and parameters.

NEIC 18 12:50:52.5±1.6, 19.1S; 0.2E; 175.23W±0.04, h24km, 15km, mb4.1/12, Error ellipse: s-maj=23.0km s-min=4.5km az=170.0

IDC 18 12:50:58.1±2.9, 19.33S; 175.75W, h262km, 28km, mb3.4/8, mbmp4.0/10, Error ellipse: s-maj=24.3km s-min=17.3km az=146.0

ISC 18 12:50:51.6±0.7, 19.33S; 0.1E; 175.38W±0.09, h200km, n26, α186/20, mb3.8/12, Tonga Islands

Main table for 1074 section, listing stations like NIUE, AFI, MSFV, etc. with their respective coordinates and parameters.

IDC 18 13:11:19.5±2.7, 11.02S; 112.80E, h0km, mb3.4/4, mbmp3.4/4, Error ellipse: s-maj=106.6km s-min=24.0km az=48.0

DJA 18 13:11:30.3±0.6, 11.5S; 4.1E, h10km, M4.0/13, MLV4.0/13

ISC 18 13:11:22.1±2.1, 10.73S; 0.08E; 113.53E±0.05, h1km, 12km, n17, α226/28, mb3.4/4, South of Jawa

Main table for 1074 section, listing stations like JAGI, GJMJI, IGBI, etc. with their respective coordinates and parameters.

IDC 18 13:12:28.3±3.5, 2.58N; 128.32E, h115km, 34km, mb3.4/6,

18d 16h

Table with columns: ID, Name, Type, Azimuth, Elevation, SNR, and other parameters. Includes stations like PB07, PB10, PB02, etc.

2017 MAR

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NVAR, TORD, YKA, ASAR, etc.

1078

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KURK, GEYT, GYAOB, etc.

PWL	baz=10,SNR=70	S	Sb	16 19 33.4 +0.6	
RC01	baz=10				
RC01	Rabbit Creek A Rabbit Creek A baz=59,SNR=88	0.93 241 0.93 241	P Pn	16 19 26.7 -0.1 16 19 26.4 -0.3	
RC01			S	Sb	16 19 30.0 -0.1
KLU	baz=59				
KLU	Klutina	1.03 92	Pn	16 19 27.1 -1.0 16 19 42.4	
KLU	comp=N,1um,0.3s		IAML	16 19 42.8	
KLU	comp=E,998nm,0.2s				
M24K	Klutina	1.03 92	P Pn	16 19 27.1 -1.0	
M24K	Tolsona, Glenn	1.06 57	Pn	16 19 28.1 -0.4 16 19 44.2	
M24K	comp=N,1um,0.7s				
M24K	Tolsona, Glenn	1.06 57	Pn	16 19 28.1 -0.4	
M24K	baz=240,SNR=70		S	Sn	16 19 42.6 +0.3
FIS	baz=240				
FIS	Fire Island	1.12 250	Pn	16 19 30.1 +0.8 16 19 58.2	
DIV	comp=N,1um,0.7s				
SUA	Divide	1.18 110	Pn	16 19 28.9 -1.3	
SUA	Susitna One	1.29 267	Pn	16 19 31.4 -0.4	
SUA	Susitna One	1.29 267	Pn	16 19 49.0 +0.9 16 19 51.3	
SUA	Susitna One	1.29 267	IAML		
SUA	comp=N,761nm,0.5s				
SUA			IAML	16 19 51.7	
SUA	comp=E,892nm,0.7s				
SUA	Susitna One	1.29 267	P Pn	16 19 31.6 -0.2	
O22K	baz=84,SNR=350				
O22K	Cooper Landing	1.34 218	Pn	16 19 32.3 -0.1	
O22K	Cooper Landing	1.34 218	P	16 19 32.5 +0.1	
CUT	baz=36,SNR=37				
CUT	Chullitna	1.35 310	P Pn	16 19 32.0 -0.5	
CUT	Chullitna	1.35 310	P Pn	16 19 32.1 -0.5	
CUT	baz=128,SNR=233				
CUT			S	Sn	16 19 49.6 +0.1
EYAK	baz=128				
EYAK	Cordova Ski Ar	1.51 131	Pn	16 19 35.8 +1.2	
EYAK	Cordova Ski Ar	1.51 131	P	16 19 35.9 +1.3	
EYAK	Cordova Ski Ar	1.51 131	P	16 19 35.6 +1.0	
P23K	Montague Islan	1.59 168	P Pn	16 19 36.2 +0.4	
SEW	baz=34,SNR=6.7				
SEW	Seward	1.60 206	Pn	16 19 36.2 +0.3	
SEW	Seward	1.60 206	P	16 19 36.6 +0.7	
HARP	HAARP	1.61 57	P Pn	16 19 36.4 +0.6	
N25K	baz=240,SNR=75				
N25K	Chitina, Valde	1.66 86	Pn	16 19 36.4 -0.4 16 20 01.0	
N25K	comp=N,450nm,0.5s				
N25K			IAML	16 20 01.4	
N25K	comp=E,358nm,0.4s				
N25K	Chitina, Valde	1.66 86	P	16 19 36.5 -0.3	
CAPN	baz=270,SNR=61				
CAPN	Captain Cook N	1.69 244	Pn	16 19 39.4 -0.6	
CAPN	Captain Cook N	1.69 244	P	16 19 39.1 +1.9	
SKT	baz=60,SNR=6.1				
SKT	Skwentna	1.71 286	Pn	16 19 37.7 +0.2 16 20 01.6	
SKT	comp=E,503nm,0.3s				
SKT			IAML	16 20 01.9	
SKT	comp=N,508nm,0.4s				
SKT	Skwentna	1.71 286	P	16 19 37.6 +0.2	
PAX	baz=103,SNR=210				
PAX	Paxson	1.87 39	Pn	16 19 40.0 +0.2	
PAX	Paxson	1.87 39	P	16 19 39.9 +0.2	
RND	baz=222,SNR=75				
RND	Reindeer	1.90 349	Pn	16 19 40.4 +0.2	
SPU	Mount Spurr	1.96 251	Pn	16 19 41.4 +0.5	
SPCR	Spurr Chikacha	2.03 262	P	16 19 42.4 +0.5	
TRF	Thorofore Moun	2.17 333	Pn	16 19 44.1 +0.1 16 20 13.1	
TRF	comp=N,337nm,0.5s				
TRF			IAML	16 20 16.3	
TRF	comp=E,330nm,0.7s				
TRF	Thorofore Moun	2.17 333	P	16 19 44.4 +0.5	
MCK	baz=150,SNR=105				
MCK	McKinley	2.23 350	Pn	16 19 45.1 +0.5	
MCK	McKinley	2.23 350	P	16 19 45.4 +0.7	
VRDI	Verde Repeater	2.24 96	Pn	16 19 44.8 -0.1 16 20 20.9	
VRDI	comp=N,233nm,0.5s				
BRSE	Bradley Lake S	2.24 217	Pn	16 19 45.2 +0.4	
BRSE	Bradley Lake S	2.24 217	P	16 19 45.4 +0.6	
BRLK	Bradley Lake	2.27 219	Pn	16 19 46.0 +0.9 16 20 23.0	
BRLK	comp=N,180nm,0.5s				
BRLK			IAML	16 20 23.3	
MID	comp=E,238nm,0.5s				
MID	Midleton Isln	2.29 157	P	16 19 48.3 +2.9	
PPLA	Purkeypile	2.36 307	Pn	16 19 47.0 +0.5	
PPLA	Purkeypile	2.36 307	P	16 19 47.1 +0.5	
KTH	baz=123,SNR=48				
KTH	Kantishna Hill	2.41 328	Pn	16 19 47.6 +0.5 16 20 18.7	
KTH	comp=E,318nm,0.8s				
KTH			IAML	16 20 19.8	
MCARA	comp=N,242nm,0.8s				
MCARA	McCarthy VSAT	2.42 92	P	16 19 47.9 +0.7	
M20K	baz=276,SNR=47				
M20K	Styx River	2.44 280	Pn	16 19 47.9 +0.4	
M20K	Styx River	2.44 280	P	16 19 48.0 +0.4	
K24K	baz=95				
K24K	Donnelly Dome	2.50 24	Pn	16 19 49.7 +1.4	
RSO	baz=206,SNR=161				
RSO	Redoubt Stn	2.53 247	P	16 19 49.6 +0.6	
M26K	Nabesna, AK	2.54 68	Pn	16 19 49.9 +0.9 16 20 28.6	
M26K	comp=N,157nm,0.6s				
M26K	Nabesna, AK	2.54 68	P	16 19 49.7 +0.8	
CNPM	China Poot	2.56 219	Pn	16 19 50.5 +1.2 16 20 32.7	
CNPM	comp=N,133nm,0.6s				
CNPM			IAML	16 20 33.7	
CNPM	comp=E,150nm,0.6s				
HOM	Homer	2.59 225	Pn	16 19 51.1 +1.6	
HOM	Homer	2.59 225	P	16 19 50.9 +1.4	
CAST	baz=41				
CAST	Castle Rocks	2.65 317	Pn	16 19 50.5 +0.2 16 20 36.1	
CAST	comp=N,125nm,0.5s				
CAST			IAML	16 20 37.4	
CAST	comp=E,194nm,0.7s				
CAST	Castle Rocks	2.65 317	P	16 19 50.7 +0.3	
RIDG	baz=133,SNR=66				
RIDG	Independent Ri	2.65 33	Pn	16 19 51.7 +1.3 16 20 29.8	
RIDG	comp=N,136nm,0.7s				
RIDG			IAML	16 20 39.5	
RIDG	comp=E,150nm,0.7s				
RIDG	Independent Ri	2.65 33	P	16 19 51.4 +0.9	
L26K	baz=218,SNR=47				
L26K	Log Cabin Wild	2.66 54	Pn	16 19 51.9 +1.4 16 20 36.3	
L26K	comp=N,156nm,0.5s				
L26K			IAML	16 20 42.8	
O20K	comp=E,154nm,0.5s				
O20K	Slope Mountain	2.68 239	P	16 19 51.4 +0.6	
BWN	baz=54				
BWN	Browne	2.71 347	Pn	16 19 51.5 +0.3	
DOT	Dot Lake	2.80 40	Pn	16 19 53.4 +1.2	
BPAW	Bear Paw Mtn.	2.89 334	Pn	16 19 53.8 +0.1 16 20 40.0	
BPAW	comp=E,160nm,1.4s				
BPAW	Bear Paw Mtn.	2.89 334	P	16 19 53.8 +0.1	
L20K	baz=106				
L20K	Farewell, AK	2.90 291	P	16 19 53.7 -0.1	
HDA	Harding Lake	2.92 10	Pn	16 19 54.8 +0.8	
HDA	Harding Lake	2.92 10	P	16 19 54.8 +0.8	
WRH	baz=191,SNR=58				
WRH	Wood River Hill	2.94 360	Pn	16 19 54.6 +0.4 16 20 33.7	
ILSW	comp=N,106nm,0.4s				
ILSW	Iliamna South	2.95 240	Pn	16 19 55.4 +0.8 16 20 40.6	

M27K	comp=E,98nm,0.7s			
M27K	Edge Creek, AK	3.03 72	Pn	16 19 57.5 +1.7
M27K	Edge Creek, AK	3.03 72	P	16 19 56.6 +0.9
M19K	baz=258			
M19K	Big River Lodg	3.03 280	Pn	16 19 55.4 -0.3
M19K	Big River Lodg	3.03 280	P	16 19 55.5 -0.2
CHUM	baz=94,SNR=20			
CHUM	Lake Minchum	3.05 322	P Pn	16 19 56.1 +0.2
CHUM	Lake Minchum	3.05 322	P	16 19 56.4 +0.5
SCRK	baz=98,SNR=51			
SCRK	Sand Creek	3.07 36	Pn	16 19 57.2 +0.9
SCRK	Sand Creek	3.07 36	P	16 19 56.8 +0.5
NEA2	baz=220,SNR=27			
NEA2	Nenana	3.09 352	Pn	16 19 56.3 -0.1 16 20 37.4
NEA2	comp=E,128nm,0.5s			
NEA2			IAML	16 20 37.9
NEA2	comp=N,83nm,0.5s			
NEA2	Nenana	3.09 352	P	16 19 56.4 0.0
CCB	baz=171,SNR=27			
CCB	Clear Creek B	3.11 2	Pn	16 19 56.9 +0.2 16 20 37.9
CCB	comp=N,94nm,0.3s			
CCB			IAML	16 20 38.5
BARN	comp=E,138nm,0.5s			
BARN	Barnard Glacie	3.13 96	Pn	16 19 57.7 +0.6 16 20 50.1
P19K	comp=N,120nm,1.0s			
P19K	Oil Pt	3.18 236	Pn	16 19 52.9 +1.5
P19K	Oil Pt	3.18 236	P	16 19 58.7 +1.0
N19K	baz=51			
N19K	Bonanza Creek	3.20 259	Pn	16 19 58.2 +0.3
N19K	Bonanza Creek	3.20 259	P	16 19 58.3 +0.3
IL31	baz=74			
IL31	Eielson Array	3.28 9	Pn	16 19 59.4 +0.4
ILAR		3.28 9	P	16 19 59.5 +0.5
L19K	White Mountain	3.28 284	Pn	16 19 59.0 -0.1
L19K	White Mountain	3.28 284	P	16 19 59.0 -0.1
L27K	Beaver Creek,	3.28 60	Pn	16 19 59.9 +0.8
L27K	Beaver Creek,	3.28 60	P	16 19 59.7 +0.6
CTG	baz=245			
CTG	China Glacier	3.30 97	P	16 19 59.7 +0.3
BCAR	baz=293,SNR=32			
BCAR	Beaver Creek A	3.30 60	Pn	16 20 00.1 +0.7
CTGM	Chitina Glacie	3.30 97	Pn	16 20 00.3 +0.9 16 20 51.0
CTGM	comp=N,107nm,0.6s			
CTGM			IAML	16 20 55.6
K20K	comp=E,79nm,0.6s			
K20K	Telida	3.33 306	Pn	16 19 59.6 0.0 16 20 59.0
K20K	comp=E,82nm,0.6s			
K20K	Telida	3.33 306	P	16 19 59.7 0.0
COLA	College	3.34 2	Pn	16 20 00.4 +0.6
COLA	College	3.34 2	P	16 20 00.8 +0.8
COLA	College	3.34 2	P	16 20 00.8 +0.6
TCOL	baz=182			
TCOL	CIGO, UAF Yank	3.34 1	Pn	16 20 00.4 +0.6
TCOL	CIGO, UAF Yank	3.34 1	P	16 20 00.4 +0.6
O19K	baz=182,SNR=22			
O19K	Port Alsworth	3.35 249	Pn	16 19 59.9 0.0
O19K	Port Alsworth	3.35 249	P	16 19 59.9 0.0
MDM	baz=63			
MDM	Murphy Dome	3.42 359	Pn	16 20 01.2 +0.2 16 20 45.6
MDM	comp=N,140nm,0.9s			
MDM			IAML	16 20 45.6
LOGN	comp=E,124nm,0.6s			
LOGN	Logan Glacier	3.49 99	Pn	16 20 02.0 -0.1 16 20 59.2
BVCY	comp=E,73nm,1.3s			
BVCY	Beaver Creek	3.51 73	P	16 20 02.8 +0.6
POKR	baz=259			
POKR	Poker Plat Res	3.59 4	Pn	16 20 04.2 +0.9 16 20 47.6
POKR	comp=N,58nm,0.8s			
POKR			IAML	16 21 03.8
POKR	comp=E,72nm,0.7s			
POKR	Poker Plat Res	3.59 4	P	16 20 03.6 +0.3
YUK3	baz=185,SNR=13			
YUK3	Moose Creek	3.63 83	P	16 20 04.4 +0.3
SVW2	baz=270,SNR=12			
SVW2	Sparrevohn	3.65 266	IAML	16 20 03.9 -0.3 16 21 03.8
SVW2	comp=N,52nm,0.7s			
SVW2	Sparrevohn	3.65 266	P	16 20 03.8 -0.3
I23K	Minto, Yukon-K	3.66 351	Pn	16 20 04.6 +0.4 16 21 07.1
I23K	comp=N,62nm,0.7s			
I23K	Minto, Yukon-K	3.66 351	P	16 20 04.7 +0.5
Q20K	baz=170,SNR=36			
Q20K	Shuyak Island	3.66 218	P	16 20 04.6 +0.4
MLY	baz=34			
MLY	Manley	3.70 342	IAML	16 20 05.1 +0.3 16 20 49.3
MLY	comp=E,54nm,0.3s			
MLY			IAML	16 20 50.0
MLY	comp=N,98nm,0.6s			
MLY	Manley	3.70 342	P	16 20 05.2 +0.3
Q19K	baz=160,SNR=47			
Q19K	Cape Douglas,	3.83 229	Pn	16 20 07.3 +0.7
Q19K	Cape Douglas,	3.83 229	P	16 20 06.8 +0.2
O28M	baz=44			
O28M	Mount Upton	3.89 98	P	16 20 07.7 0.0
O18K	baz=285,SNR=31			
O18K	Koktuh Hills	3.90 247	IAML	16 20 07.2 -0.4 16 20 52.6
O18K	comp=N,55nm,1.6s			
O18K	Koktuh Hills	3.90 247	P	16 20 07.0 -0.5
TTA	baz=61			
TTA	Tatalina	3.97 294	Pn	16 20 07.9 -0.6
TTA	Tatalina	3.97 294	P	16 20 08.2 0.4
TTA	Tatalina	3.97 294	P	16 20 08.1 -0.5
YUK8	baz=107,SNR=14			
YUK8	Steele Glacier	4.00 90	P	16 20 09.4 +0.3
I21K	baz=278,SNR=16			

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PPB1 Pangkal Pinang, MNAI Manna, ABJI Asem Bagus, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YULB Yu-li, YULB Yuli, SSSL Suanglung, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DZM Mont Dzumac, BSY Bisya, GAR Garm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, BR131 Keskin Array S, etc.

ISK 18 17:20:08.3,39:53N:26:15E, h5km, ML3.0/31
ATH 18 17:20:08.9,39:52N:26:18E, h5km,2km, ML2.7/7, Error ellipse: s-maj=3.0km s-min=0.7km az=238.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KCOA Canakkale, GPNR Gulparin-Canak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIGR comp=N,2074um,0.4s, ECEA Canakkale, etc.

ISC 18 17:28:44.0,1.2,27:22N:65:59E, h0km, mb3.7/16, mbmp3.7/18, ML3.5/2, MS3.4/6, Error ellipse: s-maj=26.7km s-min=17.4km az=170.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WSAR Wadi Sarin, THW Thamme Wali, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAMN Ramite, TAPN Tapejung, GNI Garni, etc.

DJA 18 17:32:45.4,0.4,6:54S:4:10'E, h10km, M3.0/6, MLV3.0/6, Sundra Strait

ISC 18 17:33:16.8,2.1,0.73N:97:67E, h0km, mb3.7/8, mbmp3.7/9, ML3.3/1, MS3.4/4, Error ellipse: s-maj=67.2km s-min=20.9km az=59.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, GBSI Pulau Batu, etc.

JNU Nakatsue 45.20 41 LR comp=N,2.51m,20.8s,baz=246,slow=36

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

ROM 18 17:33:23.3,0.1,42:553N:0:004:13:343E, h10km, ML1.8/23, 8C-3D, Error ellipse: s-maj=0.4km s-min=0.3km az=169.0, Central Italy

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time Res	h	m	s	ISC
SM1A	comp=N,86um,0.2s								
RM33	comp=N,4435um,0.6s								
RM33	Pellescrista (C)	0.10	245	P	Pg	17	33	26.5	+0.6
T1246	comp=N,1715um,0.2s								
T1246	Crognato (TE)	0.12	75	P	Sg	17	33	26.7	+0.6
T1247	comp=N,1800um,0.8s								
T1247	Pizzolo (AO)	0.12	197	P	Pg	17	33	28.8	+0.6
T1247	comp=N,1800um,0.8s								
T1247	AML								
GIGS	comp=N,132um,0.2s								
GIGS	Gran Sasso	0.20	122	P	Pg	17	33	28.1	+0.6
GIGS	comp=N,132um,0.2s								
GIGS	AML								
AQU	comp=N,132um,0.1s								
T1218	L'Aquila	0.20	168	P	Pg	17	33	28.4	+0.9
T1218	Civita (PG)	0.20	305	P	Pg	17	33	28.1	+0.5
T1218	comp=N,377um,1.2s								
T1218	AML								
T1218	comp=N,377um,0.8s								
T1218	AML								
T1218	comp=E,308um,0.9s								
T1218	AML								
T1218	comp=E,318um,1.4s								
T1218	AML								
T1218	comp=E,309um,0.9s								
T1218	AML								
T1218	comp=N,384um,0.8s								
T1218	AML								
T1218	comp=N,384um,1.2s								
T1218	AML								
T1218	comp=E,318um,0.6s								
T1218	AML								
T1218	comp=N,377um,1.2s								
T1218	AML								
TERO	comp=N,1440um,0.3s								
TERO	Teramo	0.20	70	P	Pg	17	33	28.2	+0.6
TERO	comp=N,1440um,0.3s								
TERO	AML								
TERO	comp=N,1440um,0.3s								
TERO	AML								
TERO	comp=N,1655um,0.3s								
TERO	AML								
TERO	comp=N,1495um,0.3s								
TERO	AML								
T1214	comp=N,1495um,0.3s								
T1214	Arquata del Tr	0.23	334	P	Pg	17	33	28.8	+0.7
T1214	comp=N,1495um,0.3s								
T1214	AML								
T1214	comp=N,222um,1.0s								
T1214	AML								
T1214	comp=N,222um,1.0s								
T1214	AML								
T1214	comp=N,222um,1.0s								
T1214	AML								
T1222	comp=N,184um,0.3s								
T1222	Castel Sant'An	0.27	236	P	Pg	17	33	29.4	+0.6
T1222	comp=N,184um,0.3s								
T1222	AML								
T1212	comp=N,166um,0.5s								
T1212	Cascia, Fraz	0.30	312	P	Pg	17	33	29.7	+0.4
T1212	comp=N,166um,0.5s								
T1212	AML								
T1212	comp=N,166um,0.5s								
T1212	AML								
T1212	comp=N,187um,1.5s								
T1212	AML								
T1212	comp=N,226um,0.6s								
T1212	AML								
T1212	comp=N,187um,1.5s								
T1212	AML								
T1212	comp=N,226um,1.4s								
T1212	AML								
T1241	comp=N,116um,0.8s								
T1241	Roccafluvione,	0.31	12	P	Pg	17	33	29.9	+0.4
T1241	comp=N,116um,0.8s								
T1241	AML								
T1241	comp=N,110um,0.2s								
T1241	AML								
T1241	comp=N,116um,0.8s								
T1241	AML								
T1245	comp=N,116um,0.8s								
T1245	Castelsantange	0.32	339	P	Pg	17	33	30.3	+0.5
T1245	comp=N,116um,0.8s								
T1245	AML								
T1245	comp=N,421um,1.1s								
T1245	AML								
T1245	comp=N,421um,0.9s								
T1245	AML								
FIAM	comp=N,96um,0.9s								
FIAM	Fiamignano	0.33	211	P	Pg	17	33	30.9	-0.5
FIAM	comp=N,96um,0.9s								
FIAM	AML								
FIAM	comp=N,84um,0.5s								
FIAM	AML								
FIAM	comp=N,84um,0.5s								
FIAM	AML								
FAGN	comp=N,452um,1.5s								
FAGN	Fagnano	0.34	148	P	Pg	17	33	30.7	-0.7
FAGN	comp=N,452um,1.5s								
FAGN	AML								
FAGN	comp=N,396um,0.3s								
FAGN	AML								
FAGN	comp=N,452um,0.5s								
FAGN	AML								
T1217	comp=N,132um,1.5s								
T1217	Poggiodoro (PG)	0.34	298	P	Pg	17	33	30.5	+0.4
T1217	comp=N,132um,1.5s								
T1217	AML								
T1217	comp=N,125um,1.6s								
T1217	AML								
T1217	comp=N,132um,1.5s								
T1217	AML								
T1217	comp=N,125um,1.5s								
T1217	AML								
T1217	comp=N,125um,0.5s								
T1217	AML								
T1211	comp=N,166um,1.0s								
T1211	Morro Reatino	0.36	267	P	Pg	17	33	30.8	+0.4
T1211	comp=N,166um,1.0s								
T1211	AML								
T1211	comp=N,196um,1.3s								
T1211	AML								
T1211	comp=N,196um,1.3s								
T1211	AML								
T1211	comp=N,166um,1.0s								
T1211	AML								
T1211	comp=N,196um,1.1s								
T1211	AML								
T1211	comp=N,196um,0.7s								
T1211	AML								
MC2	comp=N,196um,0.7s								
MC2	Monte Cornacci	0.38	343	P	Pg	17	33	31.5	+0.7
MC2	comp=N,196um,0.7s								
MC2	AML								
VCCEL	comp=N,202um,0.4s								
VCCEL	Villa Celiera	0.40	113	P	Pg	17	33	32.5	0.0
VCCEL	comp=N,202um,0.4s								
VCCEL	AML								
VCCEL	comp=N,202um,0.4s								
VCCEL	AML								
VCCEL	comp=N,202um,0.4s								
VCCEL	AML								
T1216	comp=N,201um,0.4s								
T1216	Preci, Frazion	0.41	325	P	Pg	17	33	31.9	+0.5
T1216	comp=N,201um,0.4s								
T1216	AML								
T1216	comp=N,194um,1.0s								
T1216	AML								
T1216	comp=N,170um,0.2s								
T1216	AML								
T1216	comp=N,194um,1.0s								
T1216	AML								
ARRO	comp=N,113um,0.1s								
ARRO	Arrone	0.43	274	P	Pg	17	33	31.9	+0.3
ARRO	comp=N,113um,0.1s								
ARRO	AML								
ARRO	comp=N,81um,0.2s								
ARRO	AML								
T0110	comp=N,174um,1.2s								
T0110	Collepietro	0.46	135	P	Pg	17	33	33.0	-0.5
T0110	comp=N,174um,1.2s								
T0110	AML								
T0110	comp=N,174um,1.2s								
T0110	AML								
T1256	comp=N,176um,0.2s								
T1256	Bolognola (MC)	0.46	349	P	Pg				

Table with columns for station name, frequency, mode, and signal strength. Includes stations like OZUR, DOPRA, DJES, GANJA, HERR, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ZCCA, ZCCA, BIOA, ABTA, CTI, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GRFO, GRFO, GRFO, PABE, PABE, etc.

18d 18h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like NORSTAR Subarra, NORSTAR Array B, and various other frequencies.

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Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like LSZ Lusaka, MOY Mondy, SHL Shilling, and various other frequencies.

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Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like CAST Castle Rocks, ULM, ELK, WRA, ASAR, and various other frequencies.

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Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Radium Mtn., Trail Mountain, EROS Data Cent, etc.

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

Header information for the second table: IDC 18 18:40:20.0-4.9, 2.62S, 139.00E, h0km, mb2.9/2, mblm=1/3, ML2.2, Error ellipse: s-maj=192.1km...

Main table for the second section with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Alboran, Palemas, Melilla, etc.

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Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Evora, Nicolaou / Gran Marv??o, Montargil, etc.

Header information for the third table: SOME 18 18:52:31.4, 42.80N, 79.27E, h5km, KRNET 18 18:52:31.1, 43.01N, 79.40E, h35km, mb2.7...

Main table for the third section with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Uzb, Shls, Saty, Zhn, etc.

18d 18h

Main table for the fourth section with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Kurty, KasteK, Boomkoye usch, etc.

18d 18h

TAP	Taipei	0.71 284	eP	Pn	18 54 52.9	+0.3
TAP			eS	Sn	18 55 06.8	-1.0
TATO	Taipei	0.71 279	eP	Pn	18 54 52.7	+0.1
TATO			eS	Sn	18 55 06.4	-1.5
TATO	Taipei	0.71 279	P	Pn	18 54 52.6	0.0
TATO	Taipei	0.71 279	eP	Pn	18 54 52.6	0.0
TATO			eS	Sn	18 55 06.3	-1.5
TWY	Chenhua	0.72 304	iP	Pn	18 54 53.3	+0.7
TWY			eS	Sn	18 55 07.9	-0.1
EHP	Heping Village	0.73 221	eP	Pn	18 54 53.4	+0.6
EHP			eS	Sn	18 55 08.4	+0.1
ANP	Anpu	0.74 295	eP	Pn	18 54 53.2	+0.3
ANP			eS	Sn	18 55 08.8	+0.2
JYNG	Yonagunijimaku	0.75 124	P	Pn	18 54 53.4	+0.5
JYNG			eS	Sn	18 55 07.7	-0.6
EOSA	EOSA	0.75 176	iP	Pn	18 54 52.9	+0.4
EOSA			S	Sn	18 55 07.3	-0.3
LATG	Datong	0.75 244	iP	Pn	18 54 54.0	+0.9
LATG			eS	Sn	18 55 09.3	+0.7
BACT	New Taipei Cit	0.76 280	eP	Pn	18 54 53.4	+0.5
BACT			eS	Sn	18 55 09.4	+0.9
PCYT	Pengchaiyu	0.78 347	iP	Pn	18 54 54.0	+0.9
PCYT			eS	Sn	18 55 08.3	-0.5
YOJ	Yonaguni jima	0.79 121	iP	Pn	18 54 53.6	+0.4
YOJ			eS	Sn	18 55 07.8	-1.1
YOJ	Yonaguni jima	0.79 121	P	Pn	18 54 53.7	+0.4
YOJ	Yonaguni jima	0.79 121	P	Pn	18 54 53.6	+0.4
YOJ	Yonaguni jima	0.79 121	eS	Sn	18 55 08.3	-0.7
YOJ	Yonaguni jima	0.79 121	iP	Pn	18 54 53.8	+0.5
YOJ			eS	Sn	18 55 08.3	-0.7
NTST	Danshui	0.80 292	iP	Pn	18 54 53.8	+0.6
NTST			eS	Sn	18 55 10.0	+1.0
TWS1	Kuangyinshan	0.80 287	iP	Pn	18 54 53.9	+0.6
TWS1			eS	Sn	18 55 10.8	+1.6
YHNB	Yeheng	0.83 256	eP	Pn	18 54 54.1	+0.4
YHNB			eS	Sn	18 55 09.2	-0.5
YHNB	Yeheng	0.83 256	P	Pn	18 54 54.0	+0.4
YHNB	Yeheng	0.83 256	iP	Pn	18 54 54.1	+0.4
YHNB			eS	Sn	18 55 09.3	-0.5
NSK	Sanguang	0.85 257	iP	Pn	18 54 54.2	+0.5
NSK			eS	Sn	18 55 09.3	-0.7
NTY	Taoyuan	0.89 278	eP	Pn	18 54 55.0	+1.0
NTY			eS	Sn	18 55 11.1	+0.6
NNSB	Datong	0.92 241	iP	Pn	18 54 55.4	+0.9
NNSB			eS	Sn	18 55 11.1	-0.1
NNSH	Datong	0.92 241	eP	Pn	18 54 55.4	+1.0
NNSH			eS	Sn	18 55 10.9	-0.2
NNS	Nan Shan	0.92 242	iP	Pn	18 54 55.4	+0.9
NNS			eS	Sn	18 55 11.2	0.0
ETL	Fush Village	0.92 220	eP	Pn	18 54 54.5	+0.2
ETL			eS	Sn	18 55 10.5	-0.6
NACB	Ninganchiao	0.93 221	iP	Pn	18 54 54.4	0.0
NACB			eS	Sn	18 55 10.7	-0.4
NACB	Ninganchiao	0.93 221	P	Pn	18 54 54.5	0.0
NACB	Ninganchiao	0.93 221	iP	Pn	18 54 54.4	0.0
NACB			eS	Sn	18 55 10.5	-0.5
ETLH	Xiulin Townshi	0.97 227	iP	Pn	18 54 55.2	+0.2
ETLH			iS	Sn	18 55 11.2	-0.8
NCU	National Centr	0.98 276	P	Pn	18 54 55.6	+0.7
NCU			eS	Sn	18 55 12.7	+0.7
NCUH	Zhongli	0.98 276	eP	Pn	18 54 55.5	+0.6
NCUH			eS	Sn	18 55 11.5	-0.5
TWD	Chiawan	1.00 218	iP	Pn	18 54 55.2	+0.1
TWD			eS	Sn	18 55 11.6	-0.6
NFF	Wufeng Townshi	1.07 257	iP	Pn	18 54 56.3	+0.5
NFF			S	Sn	18 55 12.9	-0.7
HWA	Hwalien	1.07 214	eP	Pn	18 54 56.4	+0.6
HWA			eS	Sn	18 55 14.2	+0.7
NJD	Zhudong	1.08 263	iP	Pn	18 54 56.8	+1.0
NJD			eS	Sn	18 55 13.9	+0.4
NHW	Xinwu Township	1.11 277	eP	Pn	18 54 56.9	+0.7
NHW			eS	Sn	18 55 14.9	+0.6
HSN1	Hsinchu	1.14 266	eP	Pn	18 54 57.3	+0.9
HSN1			eS	Sn	18 55 15.0	+0.3
ETM	Tongmen	1.14 218	iP	Pn	18 54 56.5	0.0
ETM			eS	Sn	18 55 13.4	-1.4
LI0B	Emei	1.16 259	iP	Pn	18 54 57.4	+0.8
LI0B			eS	Sn	18 55 14.9	-0.2
WHF	Hehuan Shan	1.16 232	iP	Pn	18 54 57.8	+0.7
WHF			eS	Sn	18 55 16.0	+0.1
SBCB	Hsinchu	1.17 266	eP	Pn	18 54 57.6	+0.9
SBCB			eS	Sn	18 55 15.4	+0.2
TWT	Tachien	1.17 238	eP	Pn	18 54 58.3	+1.4
TWT			eS	Sn	18 55 16.1	+0.6
TEYL	Yanliu Villag	1.17 211	eP	Pn	18 54 57.0	+0.3
TEYL			eS	Sn	18 55 15.1	-0.1
NSST	Nanjuang	1.17 259	iP	Pn	18 54 57.4	+0.6
NSST			eS	Sn	18 55 14.8	-0.5
HSN	Hsinchu	1.18 267	iP	Pn	18 54 57.3	+0.5
HSN			eS	Sn	18 55 14.9	-0.5
TDCB	Techi	1.18 239	iP	Pn	18 54 58.3	+1.3
TDCB			eS	Sn	18 55 15.8	+0.1

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CHGB	Renai	1.28 231	iP	Pn	18 54 59.2	+1.1
CHGB			eS	Sn	18 55 17.9	+0.1
NJN	Zhunan	1.28 262	eP	Pn	18 54 58.9	+1.0
NJN			eS	Sn	18 55 17.4	+0.2
ESL	Shilin	1.30 216	iP	Pn	18 54 57.8	-0.3
ESL			eS	Sn	18 55 15.9	-1.7
TEGC	Jichi Village	1.33 210	eP	Pn	18 54 59.1	+0.7
TEGC			eS	Sn	18 55 18.7	+0.4
OWD	Renai	1.35 228	eP	Pn	18 54 59.7	+0.9
OWD			eS	Sn	18 55 18.4	-0.5
WUSB	Renai	1.36 230	iP	Pn	18 55 00.1	+1.2
WUSB			eS	Sn	18 55 19.7	+0.5
NMLH	Miaoili	1.38 256	iP	Pn	18 54 59.8	+0.8
NMLH			eS	Sn	18 55 19.1	-0.1
EGFH	Guangfu	1.42 213	iP	Pn	18 54 59.0	-0.4
EGFH			eS	Sn	18 55 18.6	-1.4
IRIF	Iriomote-Funau	1.44 112	P	Pn	18 54 59.9	+0.4
IRIF			eS	Sn	18 55 20.2	0.0
NSY	Sanyi	1.44 252	iP	Pn	18 55 00.8	+1.1
NSY			eS	Sn	18 55 21.0	+0.6
TWQ1	Liyutan	1.45 249	eP	Pn	18 55 00.7	+0.9
TWQ1			eS	Sn	18 55 20.7	0.0
WPL	Puli Township	1.47 235	eP	Pn	18 55 01.4	+1.5
WPL			eS	Sn	18 55 21.9	+0.9
WCS	Beigang Elemen	1.48 237	iP	Pn	18 55 01.3	+1.3
WCS			eS	Sn	18 55 21.7	+0.6
DPDB	Guoxing	1.48 236	eP	Pn	18 55 01.6	+1.5
DPDB			eS	Sn	18 55 22.2	+0.9
VWDT	VWDT	1.51 223	iP	Pn	18 55 01.6	+1.1
VWDT			S	Sn	18 55 21.9	+0.1
WDJ	Dajia District	1.57 251	eP	Pn	18 55 02.0	+1.0
WDJ			eS	Sn	18 55 23.0	0.0
HGSD	Ruisui	1.57 209	iP	Pn	18 55 01.6	+0.5
HGSD			eS	Sn	18 55 23.3	+0.3
SMLT	Sun Moon Lake	1.59 232	eP	Pn	18 55 02.8	+1.4
SMLT			eS	Sn	18 55 24.8	+1.3
TYC	Yuchr	1.60 233	eP	Pn	18 55 02.8	+1.3
TYC			eS	Sn	18 55 24.7	+1.0
EHY	Hungye	1.61 213	eP	Pn	18 55 01.0	-0.6
EHY			eS	Sn	18 55 21.9	-2.0
SSLB	Suanglung	1.61 228	eP	Pn	18 55 02.6	+0.9
SSLB			eS	Sn	18 55 24.3	+0.4
SSLB	Suanglung	1.61 228	P	Pn	18 55 03.3	+1.7
SSLB	Suanglung	1.61 228	eP	Pn	18 55 02.9	+1.3
SSLB			eS	Sn	18 55 24.5	+0.6
TCU	Taichung	1.62 244	eP	Pn	18 55 02.8	+1.2
TCU			eS	Sn	18 55 24.2	+0.3
HATJ	Hateruma jima	1.62 120	P	Pn	18 55 02.6	+0.9
HATJ			eS	Sn	18 55 24.8	+0.8
JKRS	Kuro-shima	1.71 111	P	Pn	18 55 03.5	+0.8
JKRS			S	Sn	18 55 26.2	+0.4
ECBN	Changbin	1.72 206	eP	Pn	18 55 03.3	+0.5
ECBN			eS	Sn	18 55 25.4	-0.6
YULB	Yu-li	1.72 211	iP	Pn	18 55 02.1	-0.8
YULB			eS	Sn	18 55 24.2	-2.0
YULB	Yu-li	1.72 211	eP	Pn	18 55 02.9	0.0
YULB			eS	Sn	18 55 24.3	-0.6
WNT1	Nantou City	1.73 237	eP	Pn	18 55 04.6	+1.5
WNT1			eS	Sn	18 55 27.4	+1.0
WHYT	Xinyi Township	1.74 228	iP	Pn	18 55 04.7	+1.6
WHYT			eS	Sn	18 55 27.7	+1.1
WCHH	Zhanghua	1.74 243	eP	Pn	18 55 04.1	+1.0
WCHH			eS	Sn	18 55 26.5	-0.1
EYUL	Yuli	1.75 210	eP	Pn	18 55 03.5	+0.3
EYUL			eS	Sn	18 55 27.7	+1.0
WJS	Zhushan	1.75 234	eP	Pn	18 55 04.5	+1.3
WJS			eS	Sn	18 55 27.5	+0.7
WNT	Mingjian	1.75 236	eP	Pn	18 55 04.6	+1.4
WNT			eS	Sn	18 55 27.7	+1.0
TWF1	Yuli	1.75 211	eP	Pn	18 55 02.9	-0.4
TWF1			eS	Sn	18 55 25.4	-1.4
JJL	Ishigaki jima	1.78 106	P	Pn	18 55 04.2	+0.7
JJL			S	Sn	18 55 26.6	-0.8
WYL	Yuanlin Townsh	1.78 240	eP	Pn	18 55 04.8	+1.3
WYL			eS	Sn	18 55 28.2	+0.7
JISG	Ishigakijimahi	1.88 98	P	Pn	18 55 05.5	+0.8
JISG			eS	Sn	18 55 29.2	-0.3
FULB	Fuli	1.89 208	eP	Pn	18 55 05.3	+0.4
FULB			eS	Sn	18 55 30.1	+0.3
ALS	Alishan	1.90 225	eP	Pn	18 55 06.8	+1.5
ALS			eS	Sn	18 55 31.9	+1.4
CHN5	Tsaulien	1.93 229	eP	Pn	18 55 06.6	+1.2
CHN5			eS	Sn	18 55 31.8	+1.1
CHKT	Chengkung	1.95 205	eP	Pn	18 55 05.6	0.0
CHKT			eS	Sn	18 55 29.1	-1.9
WGK	Gukung	1.95 233	eP	Pn	18 55 07.0	+1.3
WGK			eS	Sn	18 55 32.2	+1.2
WDLH	Douliu	1.97 234	eP	Pn	18 55 07.0	+1.2
WDLH			eS	Sn	18 55 32.2	+0.8
EHD	Haiduan	1.97 210	eP	Pn	18 55 05.2	-0.6
EHD			eS	Sn	18 55 29.9	-1.6

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WRL	Guolierlin Hig	1.97 241	eP	Pn	18 55 06.6	+0.7
WRL			eS	Sn	18 55 30.9	-0.6
ECS	Chuang	2.01 209	eP	Pn	18 55 06.7	+0.3
ECS			eS	Sn	18 55 32.3	-0.1
ELDTW	Lidau	2.03 215	eP	Pn	18 55 06.9	+0.2
ELDTW			eS	Sn	18 55 32.7	-0.7
WTCT	Ta-cheng	2.07 241	eP	Pn	18 55 08.0	+1.0
WTCT			eS	Sn	18 55 33.5	0.0
WCKO	Fanlu	2.08 227	eP	Pn	18 55 08.5	+1.2
WCKO			eS	Sn	18 55 35.1	+1.1
EDH	Donghe	2.08 205	eP	Pn	18 55 07.6	+0.3
EDH			eS	Sn	18 55 32.8	-1.2
CHN2	Minshiang	2.11 231	eP	Pn	18 55 09.0	+1.4
CHN2			eS	Sn	18 55 35.9	+1.3
CHN4	Tsauhshan	2.15				

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KNZ Kokoho, LREZ Lake Rotokare, MHGZ Mahia Peninsula, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MCRA Macar, Loja, PB16 IPOC Station, CHSH Refugio Sur-P, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GDB SNR=6.1, QZX Qazax, Azerba, SNR=8.1, etc.

NEIC 18:20:50.1±1.8, 11.16S:0.1x77.2W±0.1, h67km±13km, mb4.2/2, Error ellipse: s-maj=17.5km s-min=14.8km az=60.0, Near coast of Peru

NEIC 18:20:43:45.6±1.7, 35.18N:0.02x111.94W±0.02, h2km±7km, ML2.6/29, Error ellipse: s-maj=3.9km s-min=1.4km comp=N, 1.0nm, 0.4s

NEIC 18:20:43:45.6±1.7, 35.18N:0.02x111.94W±0.02, h2km±7km, ML2.6/29, Error ellipse: s-maj=3.9km s-min=1.4km comp=N, 1.0nm, 0.4s

Table with columns: SHPR, Sheep Range, 2.93 298, Pn, Pn, 20 44 33.6 +0.2, TUC, Tucson, 3.02 161, IAML, 20 45 33.7 -0.7, TUC, 20 45 23.1

comp=N, 10.0m, 0.7s
DUN6 Lazy B Ranch 3.53 137 Pn Pn 20 44 40.8 -1.1
Q16A Castle Valley 3.73 9 Pn Pn 20 44 40.4 -1.7
PV10 Paradox Valley 3.96 35 Pn Pn 20 44 47.8 +0.3
GWY Greenwater Val 3.98 286 Pn Pn 20 44 48.5 +0.8
SRU San Rafael Swe 4.09 16 Pn Pn 20 44 49.0 -0.3
PV07 Paradox Valley 4.20 38 Pn Pn 20 44 51.6 +0.9
SPR3 Spring Creek 3 4.27 334 Pn Pn 20 44 52.5 +0.6
SMCO Snowmass 5.63 43 Pn Pn 20 45 09.7 -0.9

IDC 18 20:52:18.0, 3.3, 30.445x179.15W, h295km, 20km, mb2.9/2, mbmp4.1/5, Error ellipse: s-maj=33.9km s-min=30.3km az=106.0
NOU 18 20:53:06.5, 34.38S, 179.94W, h375km, MLV4.4/6, South of Kermadec Islands

ISC 18 20:52:18.0, 6.8, 30.425x179.1W, 0.1, h300km, n71, a1562/85, Kermadec Islands region

Main table for 1093 with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLKZ Green Lake, RAOU Raoul Island, MXZ Matakaoa Point, etc.

Main table for 2017 MAR with columns: QVP, Quezon City-P, 2.20 1671, eP, Pn, 21 03 38.9 -0.3, MACP, Maragondon, Ca, 2.51 1751, eP, S, 21 03 47.0 +0.7, etc.

Main table for 18d 21h with columns: PKI, Pulchoki, 34.12 295, eP, P, 21 09 38.5 0.0, PKIN, Pulchoki, 34.14 295, eP, P, 21 09 38.5 0.0, DKN, Daman, 34.40 294, eP, P, 21 09 41.0 +0.3, etc.

Table with columns: MONP2, OSO, OSI, BAR, LRMC, GMRC, TJX, BC3, BC3, TKX, SWSC, SWSC, IKP, IKP, ARVC, ARVC, RMX, RMX, IRM, IRM, YUH, TUQ, TUQ, CBX, CBX, CBX, ISA, ISA, ISA, QSM, SCZ2, SCWZ, SHOC, SHOC, MPMC, MPMC, SNCC, SNCC, SNCC, GWY, CCX, CCX, GLA, GLA, GLA, GLA, BLYC, BLYC, BLYC, NEE2, NEE2, ESJX, ESJX, ESJX, ESJX, CWC, CWC, PDMCI, V12A, V12A, V12A, WCT, WCT, WCT, VTX, VTX, VTX, GRAC, GRAC, W13A, W13A, W13A, SHPR, TPNV, TPNV, 113A, LCH, DSP, Y14A, Y14A, Y14A, PRN, OMMB, MDPB, 214A, LHV, LCMT, NV11, NVAR, KNB, U15A, CCUT, CMB, X16A, WUAZ, WUAZ, WUAZ, WUAZ, KVN, PKUC, TUC, MTPU, ELK, 121A

Table with columns: Code, Station Name, Az, Az1, Phase ID, Time Res, ISC, h, m, s, ISC. Includes entries for IDC 18 21:20:29.9, 0.8, 2.95S; 142.23E, h0km, mb4.0/8, mbmp4.0/10, ML1.5/1, MS3.6/30, Error ellipse: s-maj=32.0km s-min=17.3km az=76.0, NEIC 18 21:20:32.1, 1.4, 2.93S; 0.05:142.11E:0.07, h10km, 1km, mb4.7/4, Error ellipse: s-maj=12.3km s-min=8.7km, DJA 18 21:20:38.5, 1.3, 3.8S; 14.2E, h43km, 10km, M4.4/12, mb4.8/3, mb4.6/12, ML4.3/2, Mw(mb)4.1/3, ISC 18 21:20:34.6, 0.4, 2.99S; 0.06:142.09E:0.06, h30km, n114, o088R, mb4.6/40, MS3.7/25, 1C-2D, Near north coast of New Guinea

Table with columns: KLR, LZH, LZH, LZH, LZH, GTA, GTA, PETK, LSA, LSA, SONM, SHEM, MA2, YAK, YAK, WMQ, WMQ, MK31, MK31, MKAR, MKAR, MKAR, MKAR, KSH, KSH, ZALV, ZALV, ZALV, VNSA, VNSA, GAR, GAR, CHGR, CHGR, KK31, KKAR, KDKA, NRK, NRK, CAST, IBAR, TRF, TRF, CCB, CCB, ILAR, ILAR, ILAR, ILAR, BMA, BMA, GEYT, ABKAR, DAWY, DAWY, DLBC, BBB, YBH, YKA, YKA, NEW, NEW, SPITS, SPITS, TORD, LPAZ, SDV

Table with columns: Code, Station Name, Az, Az1, Phase ID, Time Res, ISC, h, m, s, ISC. Includes entries for IDC 18 21:24:42.6, 6.3, 39.64N; 20.95E, h0km, mb3.5/3, mbtmp3.5/4, Error ellipse: s-maj=204.7km s-min=29.5km az=32.0, ATH 18 21:24:43.2, 39.37N; 20.50E, h5km, 31km, ML2.7/14, Error ellipse: s-maj=31.6km s-min=0.8km az=0.0, THE 18 21:24:43.3, 39.37N; 20.55E, h1km, 2km, ML2.8/4, Error ellipse: s-maj=2.2km s-min=0.5km az=193.0, ISC 18 21:24:43.1, 0.9, 39.37N; 0.02-20.53E:0.02, h12km, 7km, n78, o1908/102, mb3.5/3, Greece-Albania border region

18d 22h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various status indicators. Includes stations like BRVK Borovoye, IMAR Indian Mountain, KDKA Kodiak Island, etc.

NEIC 18 22:26:45.8, 1.6, 20.31S; 0.04:68.65W; 0.07, h116km, 5km, mb4.7/62, Mw4.5/33, ML4.6(GUC). Error ellipse: s-maj=9.2km s-min=6.1km az=97.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=4.68; Mw=1.91; Mv=6.59; Mn=2.43; Mh=0.70; Mv=1.69; Fault plane solution: Mg=62000*10^15; NPl=330.5*10000; S60.11000; L=121.96000; NP2=201.90000; 642.65000; L=47.36000. Principal axes: T 6.9724, P1g10.0000, Azm83.0000; N -0.7771, P1g27.0000, Azm348.0000; P -1.6153, P1g61.0000, Azm191.0000; SJA 18 22:26:45.9, 1.0, 20.29S; 68.79W, h122km, 6km, ML4.5, MW4.8, Hypocentre not reviewed by the ISC

2017 MAR

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various status indicators. Includes stations like PBO8 IPOC Station P, GO01 Chuzmiza, PB11 IPOC Station P, etc.

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Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, and various status indicators. Includes stations like SALV Santo Antonio, MECA Mercedes, CZSB Cruzeiro do Su, etc.

Table with columns: TXAR, comp, pP, 22 37 07.7 -0.5, etc. Lists various astronomical objects and their properties.

Table with columns: AGNM, Agassiz Nation, 72.48 341 P P, etc. Lists astronomical objects and their properties.

Table with columns: PUZ, RUGZ, Raukumarang, 5.10 219 S Sn, etc. Lists astronomical objects and their properties.

Table with columns: ROM 18 22:44:58.0-0.42, Error ellipse: s-maj=0.7km, etc. Lists astronomical objects and their properties.

Table with columns: ROM 18 22:45:09.3-0.142, Error ellipse: s-maj=0.4km, etc. Lists astronomical objects and their properties.

Table with columns: HUMP, Col San Antoni, 1.92 89, eP, Pn, 23 13 31.8 +1.3, etc.

IDC 18 23:30:22.4+0.7, 39.93N:145.06E, h0km, mb3.9/1.6, mbtmp3.9/2.0, ML3.6/4, MS2.8/4, Error ellipse: s-maj=17.7km s-min=15.9km az=109.0

NEIC 18 23:30:24.2+0.0, 39.96N:145.07E, h0km, mb4.3/1.2, Error ellipse: s-maj=14.9km s-min=10.1km

JMA 18 23:30:26.2+0.3, 40.01N:145.14E, h46km, MV4.1/31.1, FAJ OFF NORTH HONSHU

NIED 18 23:30:26.2, 40.04N, 144.85E, h46km, MW3.8, Moment Tensor Solution, s- Moment tensor: Scale 10^14Nm;

ISC 18 23:30:27.4+0.6, 40.02N:144.96E, h32km, n69, e1547/85, mb4.0/2, Off east coast of Honshu

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: ASAR Alice Springs, 64.19 191, P, P, 23 40 58.7 -0.2, etc.

ROM 18 23:34:56.0+0.0, 42.903N:13.062E, h000z, h10km, ML1.2/12, 8C-2D, Error ellipse: s-maj=0.2km s-min=0.2km az=49.0, Central Italy

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: T1245, AML, AML, AML, etc.

IDC 18 23:46:21.4+0.6, 3.69S:151.19E, h0km, mb4.1/1.0, mbtmp4.1/1.1, ML2.7/1, MS3.6/3.4, Error ellipse: s-maj=18.7km s-min=10.0km az=40.0

NEIC 18 23:46:22.4+0.8, 3.80S:151.38E, h0km, mb4.6/2.5, Error ellipse: s-maj=13.3km s-min=6.1km az=72.0

ISC 18 23:46:22.1+0.5, 3.73S:151.36E, h10km, n82, e1503/57, mb4.5/2.6, MS3.7/3.2, 1C-1D, New Ireland region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ROM 18 23:35:44.5+0.1, 42.748N:13.267E, h000z, h14km, ML1.0/2, 5C-1D, Error ellipse: s-maj=0.2km s-min=0.0km az=247.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ULN Ulanbaatar, SHL Shillong, SONM Songino Array, etc.

IDC 18 23:53:42.8.7.1, 6.42S, 149.07E, h92km, 50km, mb3.2/1, mbmt3.7/3, Error ellipse: s-maj=11.09km s-min=51.3km az=119.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 19 00:01:06.8.0.7, 5.05S, 151.29E, h138km, 7km, mb3.4/5, mbmt3.9/6, M53.3/1, Error ellipse: s-maj=31.5km s-min=11.6km az=128.0

IDC 19 00:01:07.6.0.8, 5.05S, 151.3E, h150km, 11.0, e201/11, mb3.7/5, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KRVT Keravat, PMG Port Moresby, CTA Charter's Tower, etc.

DJA 19 00:12:31.6.1.1, 2.1N, 147.12E, h26km, 12km, M4.3/8, mb4.5/2, mb5.1/2, MLV4.3/8, MW(mB)4.4/2

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TMTI Ternate, LBUW Labuha, SANI Sanana, etc.

IDC 19 00:35:04.6.999.0, 29.70N, 76.27W, h0km, Error ellipse: s-maj=535.1km s-min=191.3km az=59.0, Off east coast of United States

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like I516B BERMUDA INFRASO, I42PT GRIOUSA ISLAN, I18DK QANAAQ INFRASO, etc.

IDC 19 00:38:58.8.9.1, 12.95N, 95.76E, h0km, mb3.7/4, mbmt3.7/4, M53.2/1, Error ellipse: s-maj=603.8km s-min=23.2km az=59.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, BSWS Blackbirch Sta, etc.

IDC 19 01:08:15.8.1.2, 42.29S, 173.85E, h0km, mb3.6/6, mb4.2/6, Error ellipse: s-maj=4.7km s-min=2.9km az=124.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, BSWS Blackbirch Sta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like WKZ Wanaka, RTZ Ruatuhuna, EAZ Earnscleugh, etc.

OMAN 19:01:10:12.4d,0.21,88N-62.03E,h33km,mb4.8/12, m03,7/11, Error ellipse: s-maj=5.8km s-min=3.0km az=250.0

DSN 19:01:10:14.8,1.9,22.33N-61.77E,h10km,ML3.2/9, Error ellipse: s-maj=21.0km s-min=17.1km az=35.0

ISC 19:01:10:12.4d,2.7,21.92N-0.07,62.0E,0.1,h35km,n34, o185/58, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like JLN Janan Bani Buh, JWB Wadi Bani Khal, WSAR Wadi Sarin, etc.

IDC 19:01:13:21.6,0.7,14.88S-174.29W,h0km,mb4.0/9, mbmp4.0/9,MS3.7/45, Error ellipse: s-maj=36.2km s-min=17.6km az=134.0

NEIC 19:01:13:22.8,1.8,14.83S-173.87W,0.09,h10km,1km, mb4.5/14, Error ellipse: s-maj=21.9km s-min=11.8km az=153.0

NOU 19:01:13:42.0,13.74S-172.68W,h67km,MLv3.5/4, Samoa Islands

ISC 19:01:13:22.1,0.5,14.90S-0.09,173.85W,0.08,h10km, n108,o1942/54,mb4.5/18,MS3.8/43, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like AFI Afiamalu, AFI 142m,0.3s,baz=44,slow=1.1,SNR=57, etc.

IMAR Indian Mountain 82.04 8 P P 01 25 42.5 +0.3

PDAR Pinedale Array 82.18 42 P P 01 25 46.3 +2.6

PDAR comp=2.377m,18.6s,baz=288,slow=32, slow=2.0,3nm,0.7s

I26K Coal Creek Min 83.26 12 P P 01 25 48.3 -0.2

COLD Coldfoot 83.72 9 P P 01 25 50.9 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like H03S1 Juan Fernandez, H03S3 Juan Fernandez, H03N2 Juan Fernandez, etc.

ROM 19:01:15.1,9.0,1.42,398N,0.005,13.119E,0.006, h10km,ML1.5/13,4C-11D, Error ellipse: s-maj=0.5km s-min=0.5km az=5.0, Central Italy

T1256 Bologna (MC) 0.08 77 Op ISC 01 15 14.2 -0.1

T1256 comp=E,662um,1.4s AML AML

T1256 comp=N,486um,0.2s AML AML

T1256 comp=E,663um,1.4s AML AML

T1256 comp=N,486um,1.8s AML AML

T1256 comp=E,663um,0.6s AML AML

MC2 Monte Crocione 0.09 145 P P 01 15 14.5 -0.1

MC2 Preci, Frazz 0.12 217 P P 01 15 15.1 +0.3

T1216 Camerino, Fraz 0.12 350 P P 01 15 17.9 +1.0

T1220 T1220 T1220 AML AML

comp=N,1975um,0.3s AML AML

T1220 T1220 T1220 AML AML

comp=E,2530um,0.3s AML AML

T1245 T1245 T1245 AML AML

comp=E,419um,1.1s AML AML

comp=N,434um,1.0s AML AML

T1245 T1245 T1245 AML AML

comp=E,419um,1.1s AML AML

comp=N,444um,1.2s AML AML

T1245 T1245 T1245 AML AML

comp=E,349um,1.5s AML AML

comp=E,419um,0.8s AML AML

comp=N,434um,1.0s AML AML

T1245 T1245 T1245 AML AML

comp=N,434um,1.0s AML AML

T1245 T1245 T1245 AML AML

comp=E,147um,1.4s AML AML

comp=N,122um,1.4s AML AML

T1214 T1214 T1214 AML AML

comp=N,122um,0.6s AML AML

T1212 T1212 T1212 AML AML

comp=N,192um,0.9s AML AML

T1212 T1212 T1212 AML AML

comp=E,249um,0.9s AML AML

T1241 T1241 T1241 AML AML

comp=N,106um,0.6s AML AML

T1241 T1241 T1241 AML AML

comp=N,76um,0.3s AML AML

T1241 T1241 T1241 AML AML

comp=E,106um,1.4s AML AML

SNTG Esanatoglia 0.30 334 P P 01 15 18.3 +0.4

SNTG comp=N,56um,0.7s AML AML

SNTG comp=E,60um,0.6s AML AML

T1217 T1217 T1217 AML AML

comp=N,142um,0.2s AML AML

T1217 T1217 T1217 AML AML

comp=E,83um,0.5s AML AML

EL6 Elcito 0.32 181 P P 01 15 18.6 +0.3

ASSB Assisi San Ben 0.34 279 P P 01 15 19.0 +0.3

CING Cingoli 0.39 8 P P 01 15 19.1 +0.4

SMA1 SAN MARTINO 0.39 156 P P 01 15 20.0 +0.4

SMA1 comp=E,79um,1.5s AML AML

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MC2 Monte Cornacci, FEMa Monte Fema, MMON1 Montemonaco, etc.

NEIC 19 03:52:05.3:2.6,28.93S;0.01x:72.51W;0.07, h6km, 3km, mb4.4/30, Mw4.2/76, ML3.9(GUC), Error ellipse: s-maj=8.5km s-min=1.8km az=96.0, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm, Mr1.86, Mw=0.58, Ms=1.28, Mw=0.50, Mw=0.17, Mw=1.54, Fault plane solution: M2.32000-0.1019, NP1=188.37000, 169.23000, 198.87000, NP2=345.87000, 823.77000, 169.23000. Principal axes: T 2.5759, P1g6.0000, Azm114.0000, N -0.6692, P2g27.0000, Azm5.0000; P -1.9068, P1g22.0000, Azm272.0000;

NEIC 19 03:52:05.5:1.7,29.015S;72.31W;h10km,ML4.0,MW4.1, Hypocentre not reviewed by the ISC

NEIC 19 03:52:06.2:0.7,28.995S;72.30W;h0km,mb4.2/8, mbmp4.2/11,ML4.3/3,MS3.4/17, Error ellipse: s-maj=23.7km s-min=21.7km az=74.0

VAO 19 03:52:10.7:1.4,28.94S;72.39W;h16km,mb4.5 GUC 19 03:52:10.6:0.9,29.015S;72.12W;h38km,3km,ML3.9

ISC 19 03:52:05.1:3.4,28.937S;0.03:72.42W;0.06,h1km,21km, n170,e173/172,mb4.4/19,MS3.5/11,10C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CO05 La Serena, AC04 Llanos de Chal, GO04 Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PEL Peldehue, CFA Coronel Fonn, CFA comp=Z,12nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MDP Montagnes des, SNA Snae, GSPA South Pole Qui, etc.

ISC 19 04:09:43.4:1.4,29.04N;104.85E;h0km,mb3.5/3, mbmp3.4/4,ML3.5/1,MS3.7/1, Error ellipse: s-maj=91.1km s-min=24.0km az=63.0

ISC 19 04:09:44.8:1.4,28.1N;0.1x105.0E;0.2,h10km,n6, 0317/6,mb3.5/3,Sichuan

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

ROM 19 04:29:49.4:0.0,42.800N;0.003:13.124E;0.004, h11km,ML1.5/16,14C-3D, Error ellipse: s-maj=0.3km s-min=0.3km az=100.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like T1214 Arquata del Tr, T1214 comp=E,1050um,0.2s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like T1218, T1219, T1220, etc.

ROM 19 04:30:29.0, 0.3, 42.942N, 0.005, 13.026E, 0.007, h10km, 1km, ML1.1/4.5C-4D, Error ellipse: s-maj=0.6km s-min=0.1km az=43.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like T1216, T1217, T1218, etc.

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

IDC 19 04:39:35.9, 0.8, 36.97N, 141.51E, h0km, mb3.8/14, mbmp3.8/19, ML3.2/5, MS2.9/6, Error ellipse: s-maj=19.3km s-min=16.0km az=142.0

JMA 19 04:39:38.2, 0.2, 37.15N, 141.42E, h27km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

ISC 19 04:39:36.7, 2.2, 37.10N, 0.06, 141.50E, 0.108, h2km, 13km, n40, 0.992/34, mb3.9/14, MS3.5/3, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H11N2, H11N1, H11N3, etc.

IDC 19 04:49:59.4, 3, 40.95S, 90.64W, h0km, mb3.7/6, mbmp3.7/7, ML3.2/1, MS4.0/38, Error ellipse: s-maj=108.2km s-min=35.0km az=8.0

GCMT 19 04:50:00.0, 0.2, 41.25S, 0.01, 90.95W, 0.02, h22km, 1km, MW5.0/109, Moment Tensor Solution, s45, c50; s109, c152; Duration: 0 Moment tensor: Scale 10^16Nm

ISC 19 04:49:58.9, 3.0, 41.45S, 0.5, 90.6W, 0.2, h10km, n46, c15047, mb3.6/5, MS4.1/37, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H03S2, H03S1, H03S3, etc.

19d 5h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations.

WEL 19 05:07:11.5,0.6,42'S,2°17'4E, h5km,4km, M2.5/6, ML2.6/7, MLV2.5/6, Error ellipse: s-maj=0.0km s-min=0.0km az=103, confirmed South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the WEL region.

IDC 19 05:07:09.8,1.8,44'00N,84'70E, h0km, mb3.2/3, mbtmp3.2/8, ML2.6/5, MS2.9/3, Error ellipse: s-maj=22.8km s-min=16.7km az=82.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the IDC region.

2017 MAR

Large table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the 2017 MAR region.

IDC 19 05:10:50.9,0.8,1'94N,126'53E, h0km, mb4.0/9, mbtmp4.0/9, Error ellipse: s-maj=57.9km s-min=15.9km az=69.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the IDC region.

1108

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the 1108 region.

IDC 19 05:30:49.0,3.9,2'22S,141'29E, h0km, mb3.6/2, mbtmp3.7/3, ML3.9/1, MS3.4/6, Error ellipse: s-maj=131.5km s-min=31.8km az=88.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the IDC region.

INET 19 05:35:53.8,1.6,13'75N,88'65W, h1km,3km, MW3.6 SNET 19 05:35:53.0,1.1,13'63N,88'62W, h1km,3km

ISC 19 05:35:53.5,1.0,13'58N,88'60W,0.03, h7km,7km, n32, <095/33, 1C-18D, El Salvador

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the INET/ISC region.

NEIC 19 05:42:02.8,1.5,11'05S,162'44E,0.05, h35km,2km, mb4.4/22, Error ellipse: s-maj=19.5km s-min=5.2km az=157.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the NEIC region.

Table with columns: KPC, comp=N, 181nm, 0.5s, Khapcheranga, 4.70 127 ePN, Pn, 08 23 44.8 -1.3, 08 23 58.7, 08 24 58.8

IDC 19 08:32:26.1, 6.30'01N, 102.76'E, h0km, mb3.3/3, mbtm3.6/4, ML4.5/1, Error ellipse: s-maj=71.1km s-min=28.8km az=59.0, Sichaou

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, CMAR Chiang Mai Arr, 12.02 198, Op, Pn, 08 35 19.1 +0.4

IDC 19 08:40:38.1, 13.0, 5.72S, 128.70E, h250km, 150km, mb2.8/1, mbtmp3.8/3, Error ellipse: s-maj=108.2km s-min=48.9km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA Warramunga Arr, 15.17 159, Op, Pn, 08 43 59.3 -0.6

NEIC 19 08:50:56.9, 1.0, 20.2'SS:0.1x178.3W:0.2, h554km, 6km, mb4.3/23, Error ellipse: s-maj=24.6km s-min=16.1km az=69.0

IDC 19 08:50:59.3, 2.0, 20.72S, 178.40W, h593km, 23km, mb3.3/12, mbtmp4.3/14, Error ellipse: s-maj=19.6km s-min=12.0km az=148.0

ISC 19 08:50:59.5, 0.6, 20.59S:0.10x178.47W:0.10, h587km, n47, r193/54, mb4.2/24, 1C-1D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, DZM Mont Dzumac, 14.14 261, Op, P, 08 53 59.2 -0.9

SJA 19 08:55:57.2, 1.6, 23.11S:69.02W, h85km, ML3.9, MW3.8, Hypocentre not reviewed by the ISC

GUC 19 08:55:57.8, 0.8, 23.145S:69.02W, h93km, 4km, ML3.8, 4C-4D, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, PB15 IPOC Station P, 0.42 260, Op, Pn, 08 56 23.0 -0.5

ISC 19 08:55:57.8, 0.8, 23.145S:69.02W, h93km, 4km, ML3.8, 4C-4D, Northern Chile

ISC 19 08:55:57.8, 0.8, 23.145S:69.02W, h93km, 4km, ML3.8, 4C-4D, Northern Chile

ISC 19 08:55:57.8, 0.8, 23.145S:69.02W, h93km, 4km, ML3.8, 4C-4D, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, PB10 IPOC Station P, 1.46 255, Op, Pn, 08 56 23.0

BUI 19 08:57:03.8, 0.0, 9.78N:93.46E, h38km, mb4.5/43, mb4.7/20, Ms4.2/10, Ms7.4/0.13

NDI 19 08:57:05.5, 3.0, 10.21N:93.81E, h10km, ML4.0, mb4.6(NEIC)

NEIC 19 08:57:07.0, 1.4, 9.96N:0.07:93.56E:0.07, h36km, 8km, mb4.6/48, Error ellipse: s-maj=11.4km s-min=8.5km az=218.0

DJA 19 08:57:08.5, 0.4, 10.1N:4.9'E, h93km, 6km, M4.7/14, VMS: 9.5/6.4/14, ML4.7/4, M(W)mb4.8/5

IDC 19 08:57:08.2, 3.2, 10.08N:93.63E, h53km, 28km, mb4.0/19, mbtmp4.2/21, ML3.8/2, MS3.6/48, Error ellipse: s-maj=18.7km s-min=12.8km az=55.0

ISC 19 08:57:04.6, 0.4, 9.94N:0.05:93.46E:0.04, h24km, n185, r1569/159, mb4.5/57, MS3.6/48, 9C-2D, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, PBA Port Blair, 1.85 338, Op, Pn, 08 57 35.3 +0.5

19d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMI, RAMN, TAPN, QIZ, QIZZ, etc.

2017 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONMI, ULN, KSAF, KJ9J, etc.

1114

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

1119

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SAN MARTINO, Civita (PG), Pellescritta, etc.

ROM 19 11:18:47.1-0.1,42'621N-0'003.13'229E:0'004, h12km, ML1.2/5, 1C, Error ellipse: s-maj=0.4km s-min=0.1km az=230.0, Central Italy

Main table for station 1119, listing various stations and their parameters. Includes stations like SAN MARTINO, Civita (PG), Pellescritta, etc.

ROM 19 11:19:26.6-0.1,42'494N-0'002.13'304E:0'002, h12km, ML1.5/13, Error ellipse: s-maj=0.3km s-min=0.0km az=48.0, Central Italy

Main table for station 1119, listing various stations and their parameters. Includes stations like Pizzolo (AQ), Pellescritta, Gran Sasso, etc.

2017 MAR

Table for station 1211, listing various stations and their parameters. Includes stations like ARRO, MC2, Collepietro, etc.

SOME 19 11:20:55.8 40'67N-79'00E, h15km KRNET 19 11:20:56.3, 0.1, 40'57N-78'98E, mb3.2 IDC 19 11:20:56.5, 2.2, 40'74N-79'23E, h0km, mb3.4/3, mbmp3, 1/6, ML2.4/3, Error ellipse: s-maj=26.8km s-min=17.8km az=171.0

NNC 19 11:21:02.5, 2.9, 41'03N-79'10E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=20.7km s-min=16.0km az=161.0

ISC 19 11:20:56.3, 1.9, 40'66N-0'008.79'20E:0'004, h4km, m10km, n64, c1547/82, 26C-23D, Southern Xinjiang

Main table for station 1211, listing various stations and their parameters. Includes stations like Taragay, Przheval'sk, Kajisay, etc.

Main table for station 19d 11h, listing various stations and their parameters. Includes stations like KOTY, KNDC, BOOM, etc.

19d 11h

Table with columns: Station, Name, Time, Res, and various status codes. Includes stations like TengChong, Knik Glacier, Talatina, Hu-ho-hao-te, etc.

2017 MAR

Table with columns: Station, Name, Time, Res, and various status codes. Includes stations like Borovoye, Schefferville, Alibek, etc.

1122

Table with columns: Station, Name, Time, Res, and various status codes. Includes stations like Torodi Ar, Beas, Torodi Ar, Beas, etc.

Table with columns: CTA, Charters Tower, Time, Az, Phase, ID, Res, MRKS, Merke, 1347 13.8 +4.5, 1348 12.8, 1348 13.8 +4.5, 1348 15.9, 1348 14.9 +4.7, 1348 44.3, 1347 15.5 +4.1, 1348 45.6, 1348 15.5 +3.9, 1348 52.7, 1348 57.1 -0.2, 1346 57.2 +0.2, 1347 05.2 -0.2, 1347 05.2 +0.2, 1347 02.2 -3.1, 1348 29.4 -4.0, 1347 09.6 +3.0, 1347 06.3 -1.7, 1347 11.8 -0.9, 1347 15.5 +3.8, 1349 35.9, 1347 11.8 -0.9, 1347 11.9 -0.8, 1347 11.8 -0.8, 1347 11.8 -0.8, 1347 11.8 -0.8, 1347 16.0 +1.6, 1348 46.5 -0.2, 1348 48.0 -1.6, 1347 45.8 -8.6, 1349 37.7, 1347 21.9 +1.5, 1348 57.0 -3.4, 1347 24.7 +2.1, 1349 01.3 -3.0, 1347 06.0 +1.2, 1348 26.8 -0.4, 1347 38.9 +0.5, 1349 31.4 +0.1, 1347 38.0 +0.3, 1347 38.3 +0.7, 1349 31.4 +0.1, 1347 38.0 +0.3, 1347 39.1 +0.7, 1347 39.1 +0.7, 1349 31.5 -1.2, 1347 39.2 +0.8, 1347 39.3 +0.8, 1349 28.6 -4.1, 1347 38.9 +0.5, 1347 58.2 +0.1, 1350 00.7 -7.1, 1348 24.8 +0.5, 1348 22.9 -1.0, 1352 19.1, 1348 26.3 +2.4, 1352 15.6, 1348 26.3 +2.4, 1348 23.9 -1.2, 1348 23.8 -1.4, 1348 23.1, 1348 24.6 -0.6, 1348 34.3 -0.6, 1348 53.4 -1.6, 1351 04.4 -6.4, 1351 09.9, 1348 56.7 +1.7, 1348 56.7 +1.7, 1349 08.0, 1349 05.7 -1.6, 1353 54.7, 1356 03.1, 1349 07.8 -0.1, 1349 19.0, 1349 06.7 -1.3, 1349 18.4 +3.4, 1349 22.9 +2.3, 1349 26.4 +7.9, 1349 26.4 +7.9, 1350 20.7 +0.4, 1350 45.3, 1354 32.9 +0.1

Table with columns: Code, Station Name, Az, Phase, ID, Res, Time, MRKS, Merke, 1347 13.8 +4.5, 1348 12.8, 1348 13.8 +4.5, 1348 15.9, 1348 14.9 +4.7, 1348 44.3, 1347 15.5 +4.1, 1348 45.6, 1348 15.5 +3.9, 1348 52.7, 1348 57.1 -0.2, 1346 57.2 +0.2, 1347 05.2 -0.2, 1347 05.2 +0.2, 1347 02.2 -3.1, 1348 29.4 -4.0, 1347 09.6 +3.0, 1347 06.3 -1.7, 1347 11.8 -0.9, 1347 15.5 +3.8, 1349 35.9, 1347 11.8 -0.9, 1347 11.9 -0.8, 1347 11.8 -0.8, 1347 11.8 -0.8, 1347 11.8 -0.8, 1347 16.0 +1.6, 1348 46.5 -0.2, 1348 48.0 -1.6, 1347 45.8 -8.6, 1349 37.7, 1347 21.9 +1.5, 1348 57.0 -3.4, 1347 24.7 +2.1, 1349 01.3 -3.0, 1347 06.0 +1.2, 1348 26.8 -0.4, 1347 38.9 +0.5, 1349 31.4 +0.1, 1347 38.0 +0.3, 1347 38.3 +0.7, 1349 31.4 +0.1, 1347 38.0 +0.3, 1347 39.1 +0.7, 1347 39.1 +0.7, 1349 31.5 -1.2, 1347 39.2 +0.8, 1347 39.3 +0.8, 1349 28.6 -4.1, 1347 38.9 +0.5, 1347 58.2 +0.1, 1350 00.7 -7.1, 1348 24.8 +0.5, 1348 22.9 -1.0, 1352 19.1, 1348 26.3 +2.4, 1352 15.6, 1348 26.3 +2.4, 1348 23.9 -1.2, 1348 23.8 -1.4, 1348 23.1, 1348 24.6 -0.6, 1348 34.3 -0.6, 1348 53.4 -1.6, 1351 04.4 -6.4, 1351 09.9, 1348 56.7 +1.7, 1348 56.7 +1.7, 1349 08.0, 1349 05.7 -1.6, 1353 54.7, 1356 03.1, 1349 07.8 -0.1, 1349 19.0, 1349 06.7 -1.3, 1349 18.4 +3.4, 1349 22.9 +2.3, 1349 26.4 +7.9, 1349 26.4 +7.9, 1350 20.7 +0.4, 1350 45.3, 1354 32.9 +0.1

Table with columns: Code, Station Name, Az, Phase, ID, Res, Time, MRKS, Merke, 1347 13.8 +4.5, 1348 12.8, 1348 13.8 +4.5, 1348 15.9, 1348 14.9 +4.7, 1348 44.3, 1347 15.5 +4.1, 1348 45.6, 1348 15.5 +3.9, 1348 52.7, 1348 57.1 -0.2, 1346 57.2 +0.2, 1347 05.2 -0.2, 1347 05.2 +0.2, 1347 02.2 -3.1, 1348 29.4 -4.0, 1347 09.6 +3.0, 1347 06.3 -1.7, 1347 11.8 -0.9, 1347 15.5 +3.8, 1349 35.9, 1347 11.8 -0.9, 1347 11.9 -0.8, 1347 11.8 -0.8, 1347 11.8 -0.8, 1347 11.8 -0.8, 1347 16.0 +1.6, 1348 46.5 -0.2, 1348 48.0 -1.6, 1347 45.8 -8.6, 1349 37.7, 1347 21.9 +1.5, 1348 57.0 -3.4, 1347 24.7 +2.1, 1349 01.3 -3.0, 1347 06.0 +1.2, 1348 26.8 -0.4, 1347 38.9 +0.5, 1349 31.4 +0.1, 1347 38.0 +0.3, 1347 38.3 +0.7, 1349 31.4 +0.1, 1347 38.0 +0.3, 1347 39.1 +0.7, 1347 39.1 +0.7, 1349 31.5 -1.2, 1347 39.2 +0.8, 1347 39.3 +0.8, 1349 28.6 -4.1, 1347 38.9 +0.5, 1347 58.2 +0.1, 1350 00.7 -7.1, 1348 24.8 +0.5, 1348 22.9 -1.0, 1352 19.1, 1348 26.3 +2.4, 1352 15.6, 1348 26.3 +2.4, 1348 23.9 -1.2, 1348 23.8 -1.4, 1348 23.1, 1348 24.6 -0.6, 1348 34.3 -0.6, 1348 53.4 -1.6, 1351 04.4 -6.4, 1351 09.9, 1348 56.7 +1.7, 1348 56.7 +1.7, 1349 08.0, 1349 05.7 -1.6, 1353 54.7, 1356 03.1, 1349 07.8 -0.1, 1349 19.0, 1349 06.7 -1.3, 1349 18.4 +3.4, 1349 22.9 +2.3, 1349 26.4 +7.9, 1349 26.4 +7.9, 1350 20.7 +0.4, 1350 45.3, 1354 32.9 +0.1

IDC 19 13:38:01.8-4.8,21.633x169.70E,h0km,mb3.6/3, mbtmp3.6/3,Error ellipse: s-maj=199.5km s-min=53.4km az=157.0,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like E43A Lone Tree Farm, SADO Sadowa, ANMO Albuquerque, etc.

JMA 19 14:36:16.0, 0.2, 35.6N, 0.6, 14.1E, h38km, 1km, MV3.2/34, NEAR CHOSHI CITY, IDC 19 14:36:17.5, 2.7, 35.44N, 140.97E, h45km, 26km, mb3.4/12, mbtmp3.7/14, ML3.5/2, MS2.9/4, Error ellipse: s-maj=24.7km, s-min=16.0km, az=81.0, ISC 19 14:36:15.7, 0.7, 35.48N, 0.05, 141.09E, 0.06, h33km, n46, 12.05/39, mb3.6/12, 6Z, Near east coast of eastern Honshu

Main table of station data for the 19d 14h period, including stations like CHOU Chosi, MAJO Matsushiro, JCU Chichijima, etc.

Table of station data for the 2017 MAR period, including stations like HNR, KNRV, DZM, PMG, CTA, etc.

TEH 19 14:55:29.1, 38.35N, 55.48E, h6km, 60km, ML4.4, IDC 19 14:55:30.8, 0.8, 38.37N, 55.43E, h0km, mb3.7/14, mbtmp3.9/23, ML3.9/9, MS3.6/33, Error ellipse: s-maj=16.4km, s-min=8.9km, az=179.0, MOS 19 14:55:32.9, 1.9, 38.49N, 55.61E, h33km, mb4.2/4, Error ellipse: s-maj=6.4km, s-min=6.2km, az=128.0, NNC 19 14:55:33.1, 1.9, 38.83N, 55.81E, h0km, mb4.3, Error ellipse: s-maj=19.8km, s-min=7.9km, az=68.0, NEIC 19 14:55:33.2, 2.3, 38.44N, 0.10, 55.67E, 0.08, h21km, 7km, mb4.1/13, Error ellipse: s-maj=14.1km, s-min=8.8km, 199.0

Table of station data for the 2017 MAR period, including stations like MRVT, IMND, BJRD, GEYT, etc.

Main table of station data for the 2017 MAR period, including stations like IGLO, SHRO, SBZV, IEMG, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like AB31 Akbulak array, AK31 Akbulak array, and various other stations.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKKB Malin Array Si, MLR Muntele Rosu, and various other stations.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like TNTI Ternate, SOEI Soe, and various other stations.

IDC 19 15: 18:49.6:2.1, 5.08S; 129.09E, h0km, mb3.6/1, mbtmp3.2/4, ML3.6/1, Error ellipse: s-maj=29.0km az=68.0

IDC 19 15:37:14.1:2.1, 6.13S; 154.41E, h0km, mb3.1/3, mbtmp3.2/4, ML3.6/1, Error ellipse: s-maj=50.1km s-min=31.6km az=119.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KRVT, WRA, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BNDI, ILAI, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HNR, PATS, and others.

19d 15h

Table with columns for station code, name, coordinates, and various performance metrics (e.g., pmax, smax, IAMB, IAMB).

2017 MAR

Main table with columns for station code, name, coordinates, and various performance metrics (e.g., IAMB, IAMB, P, P, P).

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Table with columns for station code, name, coordinates, and various performance metrics (e.g., IAMB, IAMB, P, P, P).

LSA	comp=Z,2um,25.6s	LR	LR				
LSA	comp=Z,3um,25.6s	LR	LR				
LSA	76.72 303 P	P	P	15 55 16.9	-2.1		
LSA	76.72 303 P	P	P	15 55 16.9	-2.1		
LSA	comp=Z,22nm,1.0s		pmax				
LSA		MLR	MLR				
O19K	Port Alsworth	76.82 21	IAMS_20	IAMS_20	16 22 34.9		
O19K	Port Alsworth	76.82 21	P	P	15 55 18.8	+0.6	
ANM	Nome	76.84 14	P	P	15 55 18.3	+0.1	
ANM			IAMB	IAMB	15 55 32.6		
ANM	comp=Z,41nm,1.2s		IAMS_20	IAMS_20	16 25 51.0		
ANM	Nome	76.84 14	P	P	15 55 18.3	+0.1	
ANM			pmax	pmax			
ANM	comp=Z,41nm,1.2s		MLR	MLR			
ANM	Nome	76.84 14	P	P	15 55 19.0	+0.8	
ANM	baz=214,SNR=16						
O19K	Oil Pt	76.84 22	IAMS_20	IAMS_20	16 24 19.5		
P19K	P19K	76.84 22	P	P	15 55 19.4	+1.0	
P19K	baz=227						
SVW2	Sparrevohn	77.01 20	P	P	15 55 17.1	-2.2	
SVW2			IAMB	IAMB	15 55 33.4		
SVW2	comp=Z,66nm,1.0s						
SVW2	Sparrevohn	77.01 20	P	P	15 55 19.9	+0.6	
IRK	Irkutsk	77.05 328	eP	P	15 55 18.9	-0.8	
IRK			pmax	pmax			
IRK	comp=Z,88nm,2.1s						
TNA	Tin City	77.08 13	↑P	P	15 55 18.0	-1.5	
TNA	Tin City	77.08 13	P	P	15 55 20.6	+1.0	
TNA	baz=212						
N19K	Bonanza Creek	77.19 21	P	P	15 55 19.2	-1.3	
N19K			IAMS_20	IAMS_20	16 27 36.8		
N19K	Bonanza Creek	77.19 21	P	P	15 55 21.5	+1.1	
N19K	baz=226						
O20K	Slope Mountain	77.36 22	P	P	15 55 22.0	+0.7	
O20K							
HOM	Homer	77.44 23	IAMS_20	IAMS_20	16 24 16.3		
HOM	Homer	77.44 23	P	P	15 55 22.2	+0.5	
HOM	baz=228						
CNPM	China Poot	77.50 23	P	P	15 55 25.1	-2.0	
CNPM			IAMB	IAMB	15 55 36.8		
CNPM	comp=Z,69nm,1.1s						
BRSE	Bradley Lake S	77.84 23	P	P	15 55 24.3	+0.4	
BRSE	baz=229						
M19K	Big River Lodg	77.99 20	P	P	15 55 22.8	-2.0	
M19K			IAMB	IAMB	15 55 39.4		
M19K	comp=Z,44nm,0.8s						
M19K	Big River Lodg	77.99 20	P	P	16 24 53.8		
M19K	baz=226,SNR=12						
L19K	White Mountain	78.03 20	P	P	15 55 23.8	-1.2	
L19K			IAMB	IAMB	15 55 32.3		
L19K	White Mountain	78.03 20	P	P	15 55 25.6	+0.6	
L19K	baz=225						
TTA	Tatalina	78.19 19	P	P	15 55 26.6	+0.7	
TTA	Tatalina	78.19 19	↑P	P	15 55 26.6	+0.7	
TTA	baz=224,SNR=6.3						
GTK	Tadong	78.19 300	eP	P	15 55 28.1	+1.3	
GTK			IAMB	IAMB	15 55 34.5		
GTK	comp=Z,122nm,1.2s						
CAPN	Captain Cook N	78.36 22	IAMS_20	IAMS_20	16 27 26.7		
CAPN	Captain Cook N	78.36 22	P	P	15 55 27.4	+0.7	
CAPN	baz=229						
M20K	Styx River	78.40 20	IAMS_20	IAMS_20	16 28 53.8		
M20K	Styx River	78.40 20	P	P	15 55 27.4	+0.2	
M20K	baz=227						
MOY	Mony	78.50 327	eP	P	15 55 28.0	+0.1	
MOY			pmax	pmax			
MOY	comp=Z,64nm,2.3s						
L20K	Farewell, AK	78.56 20	P	P	15 55 28.6	+0.6	
L20K	baz=226						
SEW	Seward	78.57 23	P	P	15 55 28.5	+0.6	
SEW	baz=230						
FIS	Fire Island	78.95 22	IAMS_20	IAMS_20	16 25 19.3		
SUA	Susitna One	78.97 21	P	P	15 55 30.0	-0.3	
SUA			IAMB	IAMB	15 55 36.1		
SUA	comp=Z,41nm,1.1s						
SUA	Susitna One	78.97 21	P	P	15 55 30.9	+0.6	
SUA	baz=229						
TAPN	Taplejung	78.97 300	eP	P	15 55 31.2	-0.1	
TAPN	comp=Z,67nm,0.9s						
RC01	Rabbit Creek A	79.09 22	P	P	15 55 29.5	-1.4	
RC01			IAMB	IAMB	15 55 35.0		
RC01	comp=Z,83nm,1.4s						
RC01	Rabbit Creek A	79.09 22	P	P	15 55 31.6	+0.7	
RC01	baz=230						
ODAN	Odare	79.12 299	eP	P	15 55 32.2	+0.2	
K20K	Telida	79.12 19	P	P	15 55 29.2	-1.7	
K20K	Telida	79.12 19	P	P	15 55 32.2	+1.2	
K20K	baz=226,SNR=16						
GCSA	Galena City Sc	79.26 17	P	P	15 55 32.9	+1.3	
GCSA	baz=223,SNR=8.8						
Q23K	Middleton Isla	79.39 24	IAMS_20	IAMS_20	16 22 20.2		
Q23K	Middleton Isla	79.39 24	P	P	15 55 32.5	+0.1	
Q23K	baz=233						
PPLA	Purkeypile	79.42 20	P	P	15 55 32.9	+0.1	
PPLA	baz=228						
PWL	Port Wells	79.47 23	IAMS_20	IAMS_20	16 24 16.3		
PWL	Port Wells	79.47 23	P	P	15 55 33.4	+0.5	
PWL	baz=231						
PMR	Palmer	79.64 22	P	P	15 55 32.0	-1.8	
PMR	Palmer	79.64 22	P	P	15 55 34.6	+0.8	
PMR	Palmer	79.64 22	P	P	15 55 32.0	-1.8	
PMR			pmax	pmax			
PMR	comp=Z,230nm,2.0s						
PMR	Palmer	79.64 22	P	P	15 55 34.2	+0.4	
PMR	baz=230						
BOK	Bokaro	79.68 296	eP	P	15 55 36.5	+1.6	
BOK			IAMB	IAMB	15 55 45.1		
BOK	comp=Z,35nm,0.9s						
CUT	Chullina	79.75 21	P	P	15 55 34.3	-0.1	
CUT	Knik Glacier	79.78 22	P	P	15 55 35.7	+1.1	
CUT	Castle Rocks	79.81 20	P	P	15 55 32.4	-2.4	
CUT			IAMS_20	IAMS_20	16 24 23.9		
CUT	comp=Z,4um,22.0s						
CUT	Castle Rocks	79.81 20	P	P	15 55 34.6	-0.1	
CUT	baz=228,SNR=8.4						
RAMM	Ramite	79.82 299	eP	P	15 55 35.0	-0.9	
CHUM	Lake Minchumini	80.05 19	P	P	15 55 37.0	+1.0	
CHUM	baz=227,SNR=8.5						
SML	Sawmill	80.07 22	P	P	15 55 36.4	+0.2	
SML	baz=231						
RDOG	Red Dog Mine	80.27 13	IAMS_20	IAMS_20	16 24 59.7		
RDOG	Red Dog Mine	80.27 13	P	P	15 55 37.9	+0.8	
RDOG	baz=216						
KTH	Kantishna Hill	80.29 20	P	P	15 55 36.2	-1.2	
KTH			IAMS_20	IAMS_20	16 25 16.5		
KTH	comp=Z,5um,20.0s						
KTH	Glacier View	80.29 22	P	P	15 55 38.0	+0.7	
KTH	baz=232						
EYAK	Cordova Ski Ar	80.30 24	P	P	15 55 38.3	+0.9	
EYAK	baz=234						
JIRN	Jiri	80.35 300	eP	P	15 55 37.6	-1.3	
JIRN	comp=Z,29nm,0.6s						
JIRN	Thorofare Moun	80.43 20	P	P	15 55 37.3	-0.9	
JIRN			IAMS_20	IAMS_20	16 24 56.4		
JIRN	comp=Z,6um,22.0s						
JIRN	Thorofare Moun	80.43 20	P	P	15 55 38.0	-0.3	
JIRN	baz=229,SNR=7.8						
SCM	Sheep Creek Mo	80.46 22	IAMS_20	IAMS_20	16 24 50.3		
SCM	comp=Z,8um,22.0s						
SCM	Sheep Creek Mo	80.46 22	P	P	15 55 38.0	-0.3	
SCM	baz=232						
BPWA	Bear Paw Mtn.	80.63 19	P	P	15 55 39.1	-0.1	

BPWA	comp=Z,4um,21.0s						
BPWA	Bear Paw Mtn.	80.63 19	P	P	15 55 40.0	+0.9	
BPWA	baz=228,SNR=6.0						
GUN	Gun	80.68 300	eP	P	15 55 39.2	-1.4	
KLU	Klutina	80.79 23	IAMS_20	IAMS_20	16 26 56.0		
KLU	Klutina	80.79 23	P	P	15 55 40.6	+0.5	
KLU	baz=234						
RND	Reindeer	80.90 21	P	P	15 55 40.8	+0.1	
RND			IAMB	IAMB	15 55 44.3		
RND	comp=Z,146nm,2.0s						
RND	Reindeer	80.90 21	P	P	15 55 40.8	+0.1	
RND			pmax	pmax			
RND	comp=Z,146nm,2.0s						
RND			MLR	MLR			
PKI	comp=Z,2um,20.0s						
PKI	Pulchoki	81.00 300	eP	P	15 55 40.3	-2.0	
PKI	comp=Z,134nm,1.1s						
PKIN	Pulchoki	81.01 300	eP	P	15 55 40.1	-2.2	
PKIN	comp=Z,94nm,0.9s						
I21K	Tanana	81.04 18	P	P	15 55 38.9	-2.3	
I21K			IAMB	IAMB	15 55 55.0		
I21K	comp=Z,40nm,1.0s						
I21K			IAMS_20	IAMS_20	16 24 57.3		
I21K	comp=Z,5um,22.0s						
I21K	Tanana	81.04 18	P	P	15 55 42.1	+0.9	
I21K	baz=227,SNR=9.6						
M24K	Tolsona, Glenn	81.06 22	IAMS_20	IAMS_20	16 24 45.2		
M24K	Tolsona, Glenn	81.06 22	P	P	15 55 41.6	0.0	
M24K	comp=Z,7um,22.0s						
M24K	Tolsona, Glenn	81.06 22</					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPAG Monte Paganucco, PIEI Fiesla, T1241 Roccafulvione, etc.

ROM 19 15:47:15.7±0.1,43.068N±0.003,13.052E±0.004, n7km, ML1.8/2.1,4C-7D, Error ellipse: s-maj=0.3km s-min=0.0km az=62.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like T1219 Muccia, T1219 Cesi, T1220 Camerino, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EL6 Assisi San Benigno, T1212 Cascia, T1212 Cascia, etc.

IDC 19 15:48:16.6±1.4,7.89S,160.92E,h0km,mb4.2/7, mbtmp4.1/7, Error ellipse: s-maj=52.6km s-min=21.9km az=124.0

NEIC 19 15:48:17.6±1.0,7.90S±0.05,161.0E±0.2,h10km,1km, mb4.8/8, Error ellipse: s-maj=36.4km s-min=7.8km az=274.0

ISC 19 15:48:21.3±0.7,8.0S±0.1,161.0E±0.2,h35km,n25, r13020,mb4.1/9,Bougainville-Solomon Islands region

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

WEL 19 15:49:48.0±0.5,42°S,3°17'4E,h5km,3km,M2.6/9, ML2.5/10,MLV2.6/9, Error ellipse: s-maj=0.0km s-min=0.0km az=122.7, confirmed, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSWZ Blackbirch Sta, CMWZ Cape Campbell, KHZ Kahutara, etc.

PRU 19 16:00:23.4±0.0,50.30N±18.78E,h0km,Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, OJC Ojcow, QJC Qjcow, etc.

IDC 19 16:05:02.9±6.5,7.49S,160.08E,h0km,mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=188.4km s-min=36.1km az=113.0,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND Hy 26.63, H11S3 WAKE ISLAND Hy 26.63, etc.

NEIC 19 16:09:10.8±2.0,18.6S±0.5,176.6W±0.2,h385km,33km, mb4.0/8, Error ellipse: s-maj=80.7km s-min=11.4km az=193.0

IDC 19 16:09:29.8±3.4,19.38S±177.52W,h538km,49km,mb3.1/4, mbtmp4.1/5, Error ellipse: s-maj=117.0km s-min=36.6km az=158.0

ISC 19 16:09:11.2±1.4,18.6S±0.4,176.6W±0.1,h400km,n15, r1111/15,mb3.9/7,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIUE Niue, AFI Afiamalu, CTA Charters Tower, etc.

JMA 19 16:30:01.2±0.2,24.9N;170.122E±0.5,h108km,2km, MV2.4/5,TAIWAN REGION

TAP 19 16:30:01.4,24.86N;122.23E,h111km,ML3.3,C ISC 19 16:30:02.0±1.4,24.35N±0.04,122.21E±0.02,h108km,6km, n109, r087/182, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EGS, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like TWC Suao, ILA Ilan, EOS2 EOS2, WFSB Wu-fen Shan, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like WUSB, NMLH Miaoli, EGFH Guangfu, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like SMA1, CAMP Campotosto, T1246 Crognaleto, etc.

M₀-1.23; M₀-0.02; M₀+0.51; M₀-0.37; Fault plane solution: M₁1.53000x10¹⁵ N₁1.32379000°; δ_{78.83000°}; λ_{-13.65000°}; N₂0.5648000°; δ_{76.61000°}; λ_{-168.51000°}; Principal axes: T 1.6025; P₁2.0000°; Azm10.0000°; N -0.1668; P₁72.0000°; Azm105.0000°; P -1.4357; P₁18.0000°; Azm280.0000°;
 BUJ 19 23:48:10.6±0.0, 24.91N; 121.91E; h12km, mb4.0/9, mB4.4/6, ML4.1/2, Ms4.2/5, Ms7.4/0.5
 ISC 19 23:48:09.2±0.8, 24.80N±0.02; 122.15E±0.02, h12km±4km, n210, σ1±15/325, mb4.0/24, MS3.4/12, 16C-19D, Taiwan region

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
EGS	baz=287	0.20	284	Op	ISC	Pg	h m s	ISC
EGS	baz=287			i	S	Sb	23 48 16.9	+0.1
TWB1	Santiao Chiao	0.26	325	Op	Pg	Pg	23 48 14.6	0.0
TWB1	baz=334			S	Sg	Sg	23 48 18.1	-0.1
NTC	Toucheng	0.30	281	Op	Pg	Pg	23 48 15.2	-0.1
NTC	baz=283			e	S	Sb	23 48 20.6	-0.7
TWC	Suao	0.33	236	Op	Pg	Pg	23 48 15.2	-0.7
TWC	baz=230			i	S	Sg	23 48 18.9	-1.5
TIPB	Shuangxi	0.34	301	Op	Pb	Pb	23 48 16.3	-0.9
TIPB	baz=304			i	S	Sb	23 48 21.0	-1.7
ILA	ilan	0.37	265	Op	Pg	Pg	23 48 16.2	-0.3
ILA	baz=264			e	S	Sb	23 48 22.1	-1.2
EOS2	EOS2	0.38	169	Op	Pg	Pg	23 48 17.1	+0.2
EOS2	baz=163			S	Sg	Sg	23 48 22.9	+0.9
SX11	Grass Mountain	0.39	320	Op	Pb	Pb	23 48 17.4	-0.7
SX11	baz=325			e	S	Sb	23 48 22.6	-1.4
NDS	Dongshan	0.43	248	Op	Pg	Pg	23 48 17.1	-0.6
NDS	baz=246			e	S	Sb	23 48 23.3	-0.1
WFSB	Wu-fen Shan	0.43	309	Op	Pb	Pb	23 48 18.3	-0.5
WFSB	baz=313			e	S	Sb	23 48 24.1	-1.2
TWE	Neicheng	0.45	260	Op	Pg	Pg	23 48 17.4	-0.6
TWE	baz=259			e	S	Sb	23 48 24.8	-0.8
EWUT	Wuta	0.49	224	Op	Pb	Pb	23 48 17.9	-0.9
EWUT	baz=221			e	S	Sg	23 48 23.6	-1.7
TNOU	National Taiwa	0.49	316	Op	Pb	Pb	23 48 19.4	-0.4
TNOU	baz=319			e	S	Sb	23 48 25.7	-1.2
FUSB	Fushanzhiwuyua	0.51	266	Op	Pg	Pg	23 48 18.8	-0.5
FUSB	baz=266			i	S	Sb	23 48 25.7	-0.4
ENA	Nanau	0.52	225	Op	Pg	Pg	23 48 18.6	-0.9
ENA	baz=222			e	S	Sg	23 48 24.6	-1.8
EOS3	EOS3	0.53	163	Op	Pg	Pg	23 48 19.7	+0.1
EOS3	baz=159			S	Sb	Sb	23 48 28.5	+0.6
TWA	Mucha	0.55	290	Op	Pb	Pb	23 48 20.1	-0.7
TWA	baz=291			e	S	Sb	23 48 28.4	-0.2
ENTT	Nioudou	0.55	254	Op	Pg	Pg	23 48 19.1	-0.9
ENTT	baz=252			e	S	Sb	23 48 27.4	-1.3
NHHD	Xindian Distri	0.59	286	Op	Pb	Pb	23 48 21.0	-0.5
NHHD	baz=287			e	S	Sb	23 48 30.0	+0.2
EHP	Heping Village	0.61	218	Op	Pg	Pg	23 48 20.9	-0.3
EHP	baz=214			e	S	Sg	23 48 29.2	-0.1
TAP1	Taipei	0.62	293	Op	Pn	Pn	23 48 23.0	-0.7
LATG	Datong	0.62	245	Op	Pg	Pg	23 48 20.6	-0.8
LATG	baz=244			e	S	Sg	23 48 29.2	-0.5
TATO	Taipei	0.63	287	Op	Pg	Pg	23 48 21.0	-0.4
TATO	baz=287			P	Pb	Pb	23 48 21.4	-0.7
TATO	baz=288			Op	Pb	Pb	23 48 21.6	-0.4
YMO1	YMO1	0.63	304	Op	Pb	Pb	23 48 22.2	0.0
TAP	Taipei	0.63	293	Op	Pb	Pb	23 48 22.2	0.0
YMO8	YMO8	0.64	308	Op	Pb	Pb	23 48 22.2	-0.2
BACT	New Taipei Cit	0.67	287	Op	Pn	Pn	23 48 23.2	-1.4
ANPU	Anpu	0.69	304	Op	Pn	Pn	23 48 23.9	-1.0
EOS4	EOS4	0.69	167	Op	Pg	Pg	23 48 22.3	-0.2
EOS4	baz=164			e	S	Sg	23 48 31.9	+0.3
TWY	Chenhua	0.69	314	Op	Pn	Pn	23 48 23.7	-1.1
TWY	baz=316			e	S	Sb	23 48 34.1	-1.3
YHNB	Yeheng	0.71	260	Op	Pg	Pg	23 48 22.3	-0.8
YHNB	baz=260			P	Pg	Pg	23 48 22.2	-0.9
YHNB	baz=259			Op	Pb	Pb	23 48 22.3	-0.8
YHNB	baz=259			e	S	Sg	23 48 31.5	-1.1
NSK	Sanguang	0.73	261	Op	Pg	Pg	23 48 22.5	-0.9
NSK	baz=260			e	S	Sb	23 48 31.8	-1.2
TWS1	Kuangyinshan	0.73	295	Op	Pn	Pn	23 48 24.4	-1.0
NTST	Danshui	0.73	300	Op	Pn	Pn	23 48 24.5	-0.9
NNSB	Datong	0.79	242	Op	Pg	Pg	23 48 23.4	-1.1
NNSB	baz=241			e	S	Sg	23 48 34.0	-0.9
NNSH	Datong	0.79	242	Op	Pg	Pg	23 48 23.5	-1.0
NNSH	baz=241			e	S	Sg	23 48 33.8	-1.1
NNS	Nan Shan	0.79	243	Op	Pg	Pg	23 48 23.4	-1.2
NNS	baz=242			e	S	Sg	23 48 33.5	-1.5
ETL	Fush Village	0.80	217	Op	Pg	Pg	23 48 23.6	-1.0
ETL	baz=215			e	S	Sg	23 48 34.6	-0.4
NTY	Taoyuan	0.80	285	Op	Pn	Pn	23 48 25.8	-0.5
NACB	Ninganchiao	0.80	219	Op	Pg	Pg	23 48 23.7	-1.0
NACB	baz=285			Sg	Pb	Pb	23 48 34.3	-0.9
NACB	baz=217			Op	Pb	Pb	23 48 23.7	-1.0
NACB	baz=217			Op	Pb	Pb	23 48 23.5	-1.3
NACB	baz=217			S	Sg	Sg	23 48 34.5	-0.7
JYNG	Yongagunijimaku	0.80	115	Op	Pg	Pg	23 48 24.5	-0.3
JYNG	baz=285			S	Sg	Sg	23 48 35.4	+0.1
PCYT	Pengchaiyu	0.83	355	Op	Pb	Pb	23 48 25.4	-0.2
ETLH	Xiulin Townshi	0.84	222	Op	Pg	Pg	23 48 24.4	-1.3
ETLH	baz=224			e	S	Sg	23 48 35.4	-1.3

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res
EGS	baz=287	0.20	284	Op	ISC	Pg	h m s	ISC
EGS	baz=287			i	S	Sb	23 48 16.9	+0.1
TWB1	Santiao Chiao	0.26	325	Op	Pg	Pg	23 48 14.6	0.0
TWB1	baz=334			S	Sg	Sg	23 48 18.1	-0.1
NTC	Toucheng	0.30	281	Op	Pg	Pg	23 48 15.2	-0.1
NTC	baz=283			e	S	Sb	23 48 20.6	-0.7
TWC	Suao	0.33	236	Op	Pg	Pg	23 48 15.2	-0.7
TWC	baz=230			i	S	Sg	23 48 18.9	-1.5
TIPB	Shuangxi	0.34	301	Op	Pb	Pb	23 48 16.3	-0.9
TIPB	baz=304			i	S	Sb	23 48 21.0	-1.7
ILA	ilan	0.37	265	Op	Pg	Pg	23 48 16.2	-0.3
ILA	baz=264			e	S	Sb	23 48 22.1	-1.2
EOS2	EOS2	0.38	169	Op	Pg	Pg	23 48 17.1	+0.2
EOS2	baz=163			S	Sg	Sg	23 48 22.9	+0.9
SX11	Grass Mountain	0.39	320	Op	Pb	Pb	23 48 17.4	-0.7
SX11	baz=325			e	S	Sb	23 48 22.6	-1.4
NDS	Dongshan	0.43	248	Op	Pg	Pg	23 48 17.1	-0.6
NDS	baz=246			e	S	Sb	23 48 23.3	-0.1
WFSB	Wu-fen Shan	0.43	309	Op	Pb	Pb	23 48 18.3	-0.5
WFSB	baz=313			e	S	Sb	23 48 24.1	-1.2
TWE	Neicheng	0.45	260	Op	Pg	Pg	23 48 17.4	-0.6
TWE	baz=259			e	S	Sb	23 48 24.8	-0.8
EWUT	Wuta	0.49	224	Op	Pb	Pb	23 48 17.9	-0.9
EWUT	baz=221			e	S	Sg	23 48 23.6	-1.7
TNOU	National Taiwa	0.49	316	Op	Pb	Pb	23 48 19.4	-0.4
TNOU	baz=319			e	S	Sb	23 48 25.7	-1.2
FUSB	Fushanzhiwuyua	0.51	266	Op	Pg	Pg	23 48 18.8	-0.5
FUSB	baz=266			i	S	Sb	23 48 25.7	-0.4
ENA	Nanau	0.52	225	Op	Pg	Pg	23 48 18.6	-0.9
ENA	baz=222			e	S	Sg	23 48 24.6	-1.8
EOS3	EOS3	0.53	163	Op	Pg	Pg	23 48 19.7	+0.1
EOS3	baz=159			S	Sb	Sb	23 48 28.5	+0.6
TWA	Mucha	0.55	290	Op	Pb	Pb	23 48 20.1	-0.7
TWA	baz=291			e	S	Sb	23 48 28.4	-0.2
ENTT	Nioudou	0.55	254	Op	Pg	Pg	23 48 19.1	-0.9
ENTT	baz=252			e	S	Sb	23 48 27.4	-1.3
NHHD	Xindian Distri	0.59	286	Op	Pb	Pb	23 48 21.0	-0.5
NHHD	baz=287			e	S	Sb	23 48 30.0	+0.2
EHP	Heping Village	0.61	218	Op	Pg	Pg	23 48 20.9	-0.3
EHP	baz=214			e	S	Sg	23 48 29.2	-0.1
TAP1	Taipei	0.62	293	Op	Pn	Pn	23 48 23.0	-0.7
LATG	Datong	0.62	245	Op	Pg	Pg	23 48 20.6	-0.8
LATG	baz=244			e	S	Sg	23 48 29.2	-0.5
TATO	Taipei	0.63	287	Op	Pg	Pg	23 48 21.0	-0.4
TATO	baz=287			P	Pb	Pb	23 48 21.4	-0.7
TATO	baz=288			Op	Pb	Pb	23 48 21.6	-0.4
YMO1	YMO1	0.63	304	Op	Pb	Pb	23 48 22.2	0.0
TAP	Taipei	0.63	293	Op	Pb	Pb	23 48 22.2	0.0
YMO8	YMO8	0.64	308	Op	Pb	Pb	23 48 22.2	-0.2
BACT	New Taipei Cit	0.67	287	Op	Pn	Pn	23 48 23.2	-1.4
ANPU	Anpu	0.69	304	Op	Pn	Pn	23 48 23.9	-1.0
EOS4	EOS4	0.69	167	Op	Pg	Pg	23 48 22.3	-0.2
EOS4	baz=164			e	S	Sg	23 48 31.9	+0.3
TWY	Chenhua	0.69	314	Op	Pn	Pn	23 48 23.7	-1.1
TWY	baz=316			e	S	Sb	23 48 34.1	-1.3
YHNB	Yeheng	0.71	260	Op	Pg	Pg	23 48 22.3	-0.8
YHNB	baz=260			P	Pg	Pg	23 48 22.2	-0.9
YHNB	baz=259			Op	Pb	Pb	23 48 22.3	-0.8
YHNB	baz=259			e	S	Sg	23 48 31.5	-1.1
NSK	Sanguang	0.73	261	Op	Pg	Pg	23 48 22.5	-0.9
NSK	baz=260			e	S	Sb	23 48 31.8	-1.2
TWS1	Kuangyinshan	0.73	295	Op	Pn	Pn	23 48 24.4	-1.0
NTST	Danshui	0.73	300	Op	Pn	Pn	23 48 24.5	-0.9
NNSB	Datong	0.79	242	Op	Pg	Pg	23 48 23.4	-1.1
NNSB	baz=241			e	S	Sg	23 48 34.0	-0.9
NNSH	Datong	0.79	242	Op	Pg	Pg	23 48 23.5	-1.0
NNSH	baz=241			e	S	Sg	23 48 33.8	-1.1
NNS	Nan Shan	0.79	243	Op	Pg	Pg	23 48 23.4	-1.2
NNS	baz=242			e	S	Sg	23 48 33.5	-1.5
ETL	Fush Village	0.80	217	Op	Pg	Pg	23 48 23.6	-1.0
ETL	baz=215			e	S	Sg	23 48 34.6	-0.4
NTY	Taoyuan	0.80	285	Op	Pn	Pn	23 48 25.8	-0.5
NACB	Ninganchiao	0.80	219	Op	Pg	Pg	23 48 23.7	-1.0
NACB	baz=285			Sg	Pb	Pb	23 48 34.3	-0.9
NACB	baz=2							

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GUT, SSF, AVF, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MFF, BIOA, SENI, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AFI, CTA, PMG, etc.

SJA 20:00:39:21.0, 0.9, 28:79S; 70:87W, h79km, 3km, ML4.7, MV4.4, Hypocentre not reviewed by the ISC
NEIC 20:00:39:22.0, 2.6, 28:77S; 0:04, 71.11W; 0.06, h60km, 6km, mb4.0/6, Mw4.3/10, Mw4.7(GUC), Error ellipse: s-maj=8.8km, s-min=4.3km, az=114.0, Moment Tensor Solution. Scale: 10^15Nm; M2.02; Mw: 1.39; Ms: 3.41; Ms: 1.54; Ms: 1.40; Ms: 0.88; Fault plane solution: M3.73000, 1015 NP1=161.05000, 662.61000, 140.69000. NP2=49.46000, 854.63000, 1145.65000. Principal axes: T 3.6269, Plg47.0000, Azm19.0000; N 0.1986, Plg42.0000, Azm189.0000; P -3.8255, Plg5.0000, Azm284.0000;
NEIC 20:00:39:22.1, 28:77S; 71:07W, h65km, IDC 20:00:39:23.6, 0.8, 28:67S; 70:67W, h68km, 6km, mb3.7/7, mbmp4.0/9, MS3.1/5, Error ellipse: s-maj=22.0km s-min=9.9km, az=71.0
GUC 20:00:39:23.0, 0.7, 28:81S; 70:88W, h74km, 3km, ML4.4 VAO 20:00:39:28.0, 5.0, 28:35S; 70:26W, h10km, mb4.1
ISC 20:00:39:22.1, 0.5, 28:81S; 0:03, 71.02W, 0.05, h66km, 5km, n124, s1995/146, mb4.0/8, 8C-4D, Near coast of central Chile

NOU 20:00:33:42.5, 21:76S; 169:79E, h0km, MLV4.5/10, Southeast of Loyalty Islands
IDC 20:00:33:48.9, 2.4, 21:69S; 169:59E, h42km, 21km, mb3.9/7, mbmp4.1/10, ML3.6/2, MS3.6/14, Error ellipse: s-maj=27.6km, s-min=15.8km, az=175.0
ISC 20:00:33:45.2, 0.7, 21:68S; 0:09, 169.71E; 0:09, h21km, m51, s097/40, mb3.9/8, MS3.6/12, Southeast of Loyalty Islands

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. 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 Las Campanas, Las Campanas, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NFF Wufeng Townshi, NMLH H Miaoji, YHNB Yeheng, NSK Sanguang, etc.

IDC 201:15:03.42,2,37.33N:36.06E, h0km, mb3.4/2, mbtmp3.4/6, ML3.3/4, Error ellipse: s-maj=46.7km s-min=18.9km az=79.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KOZT Kozaan, CEYT Ceyhan, KAMA Osmaniye, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAYA Malatya/Merkez, KRMN Karaman, MCUR KIREHR, etc.

IDC 201:19:15.75,1.0,27.57N:126.38E, h0km, mb3.8/12, mbtmp3.8/15, ML3.4/3, MS3.3/11, Error ellipse: s-maj=23.4km s-min=18.5km az=52.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JOW Kunigami, JOW Tarama, JOW Ma-tsu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MNVA Monemvasia, KTHA Kythira Island, KTHA Kythira Island, etc.

Table with columns: WB0, Warramunga Arr, 31.99 255, P, Iamb, 02 20 16.4 -0.8, etc. Includes stations like Warramunga Arr, Alice Springs, Alice Springs, etc.

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

SKHL 20 02:32:52.0, 3.46, 20Nk: 153:60E, h60km±4km, mb4.5/5
IDC 20 02:32:58.0, 2.5, 47.10Nk: 152:64E, h99km±21km, mb3.4/16,
mbtmp3.8/2, Error ellipse: s-maj=2.13km s-min=12.7km
az=147.0

NEIC 20 02:32:57.9, 1.2, 47.2N:0.2:152:5E:0.2, h96km, 10km,
mb4.4/43, Error ellipse: s-maj=26.6km s-min=14.9km
az=143.0

ISC 20 02:32:57.10, 0.46, 36.99N:0.10:152:61E:0.08, h100km, n93,
i107/90, mb4.2/38, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Kuril'sk, Yuzh-Kuril'sk, Nemuro-Hokkai, etc.

Table with columns: ZALV, Zalesovo Beam, 42.20 305, P, P, 02 40 40.6 +0.9, etc. Includes stations like Zalesovo Beam, Drury Creek, Sachs Harbour, etc.

NEIC 20 03:01:05.0, 2.0, 8.23:95S:0:05:66:9W:0.1, h247km, 22km,
mb4.0/1, ML4.3(GUC), Error ellipse: s-maj=19.2km
s-min=7.0km az=81.0
SJA 20 03:01:06.3, 0.7, 23:91S:66:85W, h214km±5km, ML3.9,
MW3.7, Hypocentre not reviewed by the ISC
IDC 20 03:01:06.2, 1.1, 23:92S:66:64W, h182km±12km, mb2.8/2,
mbtmp3.4/9, Error ellipse: s-maj=18.0km s-min=15.4km
az=52.0

GUC 20 03:01:08.3, 0.7, 23:92S:67:25W, h241km±9km, ML4.3
ISC 20 03:01:05.0, 0.8, 23:95S:0:05:66:84W:0.08,
h215km, 11km, n55, i157/71, 7C-1D, Juju Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like San Lorenzo, Humahuaca, Yavi, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like IPOC Station P, Maricunga, Diego Aracena, Copiap, etc.

Table with columns: CMSA, Name, Az, El, P, S, Time, Res. Includes stations like Cobar Meteorol, QLP, QULP, etc.

Table with columns: O16K, Name, Az, El, P, S, Time, Res. Includes stations like Kokkuch River B, Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Boulder Array, Pinedale Array, Alexandroupoli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Balçova, Balikesir, Alexandroupoli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Port Moresby, Mount Dzumac, etc.

SOE 20 04:21:33.3, 39°52'N, 26°16'E, h10km, MD3.2
ISK 20 04:21:34.0, 39°54'N, 26°16'E, h5km, ML3.5/43
ATH 20 04:21:34.9, 39°52'N, 26°17'E, h12km, 1km, ML3.2/9, Error

SMG Samos 1.89 164 P Sn 04 22 05.9 -0.4
SMG Samos 1.89 164 P Sn 04 22 30.6 +0.6

MTSU Mount Surprise 19.03 237 P Pn 04 28 54.9 +0.6
MSVF Nonsavu 19.14 122 P Pn 04 28 55.0 +2.5

Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res

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

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

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Port Moresby, Mount Dzumac, etc.

ISC 20 04:24:29.7, 0.5, 8°14'S, 161°04'E, h0km, mb4.8/19,
mbmp4.8/24, ML4.6/4, MS4.3/53, Error ellipse:
s-maj=15.9km s-min=12.3km az=74.9

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

Table with columns for station name, frequency, and signal strength. Includes stations like ASAR Alice Springs, ASAR MILA, LCRK Leigh Creek, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like QIZ comp=Z,270nm,5.6s, QIZ comp=Z,270nm,17.5s, QIZ comp=Z,260nm,22.3s, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like KMI Kunming, KMI comp=Z,22nm,1.5s, KMI comp=Z,140nm,16.4s, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HUMO Hull Mountain, I03D Drain, OR, S34M Telegraph Cree, etc.

2017 MAR

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MKAR Makanchi Array, PFO Pinyon Flats, GSC Goldstone, etc.

20d 4h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KNB Kanab, NRIK Nori'sk, BOOM Boomskeye usch, etc.

VANB Van	2.54	91	Pn	Pb	04 37 41.5	-1.6
NZIP Nizip/Gaziantep	2.56	231	P	Pb	04 37 41.1	-2.2
VYHS Vyhne	18.23	309	ePN	Pb	04 41 10.0	-0.2

PRU 20 05:02:41.9-0.0, 42.64N-13.35E, h0km, M4.1
 NEIC 20 05:02:42.0-2.2, 42.60N-0.03-13.29E±0.05, h10km±1km, mb4.1/8, Error ellipse: s-maj=7.4km s-min=3.0km az=230.0
 LDG 20 05:02:41.0-0.1, 42.54N-13.32E, h10km, M3.3/24, Error ellipse: s-maj=3.6km s-min=2.3km az=45.0
 PDG 20 05:02:41.9-0.5, 42.57N-13.31E, h8km, ML3.6/13, Error ellipse: s-maj=0.4km s-min=0.4km az=0.0
 ROM 20 05:02:41.2-0.0, 42.56N-0.002-13.323E:0.002, h9km, ML3.6/338, Mw3.5, Error ellipse: s-maj=0.2km s-min=0.1km az=72.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁴Nm; Mr=0.01; Mθ=2.00; Mw=2.01; Mφ=0.05; Mφ=0.94; Mφ=0.14; Fault plane solution: M2,21983×10¹⁴ NP1φ=33,00000°, δ87,00000°, λ2,00000°. NP2φ=302,00000°, δ88,00000°, λ177,00000°.
 IDC 20 05:02:43.0-1.2, 42.73N-13.46E, h0km, mb3.3/5, mbtmp3.4/9, ML3.4/3, MS3.1/3, Error ellipse: s-maj=27.2km s-min=12.5km az=99.0
 BEO 20 05:02:44.0-2.3, 42.49N-13.01E, h69km, 5km, ML3.2/8
 ISC 20 05:02:41.7-0.7, 42.57N-0.01-13.31E:0.01, h10km±4km, m375, σ197/472, mb3.6/5, 34C-36D, Central Italy

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
SMA1	SAN MARTINO	0.07	18	Op		
SMA1				ISC		
SMA1				Pg	05 02 45.3	-0.4
SMA1				Sg		
CAMP	Campotosto	0.08	113	Pg	05 02 43.7	-0.5
CAMP				Sg	05 02 45.1	-0.9
CAMP	Campotosto	0.08	113	Op		
CAMP				Pg	05 02 45.0	-0.9
CAMP				Sg		
CAMP				ISC		
RM33	Pellescritta (0.09	230	Op		
RM33				Pg	05 02 44.5	+0.2
RM33				Sg	05 02 46.4	+0.3
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
RM33				Pg		
RM33				Sg		
RM33				ISC		
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20d 5h

2017 MAR

ATCC	comp=N,8205µm,0.6s	0.79 322	P	Pg	05 02 56.5	-0.5	SACS	comp=E,1965µm,1.0s	AML	AML	ARCI	comp=N,310µm,1.0s	AML	AML				
ATCC	AVT- Casa Cast		P	Pg			ATMI	comp=N,2085µm,1.2s	1.08 315	P	Pg	ARCI	comp=N,310µm,1.0s	AML	AML			
ATCC	comp=E,7675µm,0.5s		AML	AML			ATMI	comp=E,8715µm,0.7s		AML	AML	ARCI	comp=E,429µm,1.3s	1.40 136	P	Pn	05 03 06.8	-0.6
ATCC	comp=E,7675µm,1.5s		AML	AML			ATMI	comp=N,6725µm,0.9s		AML	AML	BSSO	Busso	1.43 146	P	Pn	05 03 07.3	-0.4
CING	comp=N,7935µm,1.3s	0.81 354	∩P	Pg	05 02 56.7	-0.6	ATMI	comp=N,6725µm,1.1s		AML	AML	CPGN	Gregorio Mates	1.43 330	P	Pb	05 03 08.9	+0.3
CING	Cingoli		S	Sb	05 03 10.1	+1.1	ATMI	comp=N,8715µm,1.3s	1.09 348	P	Pg	CPGN	Carpegna, Ital		AML	AML		
CING	comp=E,6450µm,0.4s		AML	AML			COR1	comp=E,3965µm,0.8s		AML	AML	CPGN	comp=E,3640µm,0.7s		AML	AML		
CING	comp=E,6450µm,1.6s		AML	AML			COR1	comp=N,6310µm,0.7s		AML	AML	CPGN	comp=N,3920µm,0.7s		AML	AML		
FOSV	comp=N,3580µm,0.7s		AML	AML			COR1	comp=N,6310µm,0.7s		AML	AML	CPGN	comp=N,3920µm,1.3s		AML	AML		
FOSV	Fossato di Vic	0.83 331	∩P	Pg	05 02 57.1	-0.6	TOLF	comp=E,3365µm,1.2s	1.09 243	P	Pg	CPGN	comp=N,3395µm,0.9s	1.45 317	P	Pn	05 03 07.8	-0.3
FOSV	comp=E,3050µm,1.2s		AML	AML			TOLF	comp=N,1080µm,0.4s		AML	AML	CPGN	comp=N,1340µm,0.6s		AML	AML		
FOSV	comp=N,3610µm,0.9s		AML	AML			TOLF	comp=E,1410µm,1.1s	1.10 151	P	Pg	CPGN	comp=N,1340µm,1.4s		AML	AML		
FOSV	comp=E,3050µm,0.8s		AML	AML			CERA	comp=N,2875µm,1.1s		AML	AML	MODR	Mondragone	1.48 163	P	Pb	05 03 09.3	0.0
LPEL	Lama dei Pelig	0.83 128	P	Pg	05 02 56.7	-1.1	CERA	comp=E,3070µm,1.0s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
LPEL	comp=N,2665µm,0.6s		S	Sg	05 03 09.0	+0.4	CERA	comp=N,2875µm,1.1s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
LPEL	comp=E,4155µm,0.5s		AML	AML			CERA	comp=E,3025µm,1.0s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
PP3	Marolino	0.84 15	P	Pg	05 02 58.2	+0.3	CERA	comp=N,2950µm,1.1s	1.10 194	P	Pg	MODR	comp=N,579µm,1.4s		AML	AML		
PP3	comp=N,8380µm,0.9s		AML	AML			LATB	comp=N,3425µm,0.6s	1.10 323	P	Pg	MODR	comp=N,579µm,1.4s		AML	AML		
PP3	comp=E,10275µm,0.7s		AML	AML			ATPI	comp=N,3425µm,0.6s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
PP3	comp=N,8240µm,0.9s		AML	AML			ATPI	comp=N,3425µm,0.6s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
PP3	comp=E,10800µm,0.7s		AML	AML			ATPI	comp=N,3425µm,0.6s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
POFI	Posta Fibreno	0.90 160	P	Pg	05 02 58.2	-0.9	ATPI	comp=N,3425µm,0.6s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
POFI	comp=E,2525µm,0.9s		AML	AML			LATE	comp=N,11273	1.11 326	P	Pg	MODR	comp=N,579µm,1.4s		AML	AML		
POFI	comp=N,1465µm,1.6s		AML	AML			LATE	comp=N,11273	1.11 273	P	Pg	MODR	comp=N,579µm,1.4s		AML	AML		
POFI	comp=N,1465µm,0.4s		AML	AML			LATE	comp=N,11273	1.11 273	P	Pg	MODR	comp=N,579µm,1.4s		AML	AML		
POFI	comp=E,2575µm,0.9s		AML	AML			LATE	comp=N,11273	1.11 273	P	Pg	MODR	comp=N,579µm,1.4s		AML	AML		
POFI	comp=N,1400µm,0.6s		AML	AML			PIEI	comp=N,11273	1.12 330	P	Pg	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	Monte Urbino	0.90 321	Sg	Pg	05 02 58.1	-1.0	PIEI	comp=E,1785µm,1.1s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	Monte Urbino	0.90 321	P	Pg	05 03 07.5	-3.3	PIEI	comp=N,1805µm,0.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13450µm,0.9s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=E,15900µm,0.3s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML	AML	MODR	comp=N,579µm,1.4s		AML	AML		
MURB	comp=N,13800µm,1.0s		AML	AML			PIEI	comp=N,1805µm,1.5s		AML</								

20d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UPC Ulice, MTLF Montlieux, LOR Lormes, etc.

IDC 20 05:35:29.9, 1.0, 2.7:66N:65.93E, h0km, mb3.7/9, mbtmp3.7/10, ML3.7/11, M3.7/3, Error ellipse: s-maj=24.9km s-min=22.6km az=103.0

ISC 20 05:35:30.2, 0.7, 2.7:68.0:1.65:96E:0.09, h10km, n17, c2513/16, mb3.6/9, Pakistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like THW Thamme Wali, WSAR Wadi Sarin, WSAR Wadi Sarin, etc.

NNC 20 05:43:47.8, 1.5, 4.4:66N:79.63E, h4km, mb3.0, mpv2.9, Error ellipse: s-maj=10.2km s-min=9.4km az=31.0

SOME 20 05:43:49.2, 4.4:67N:79.63E, h15km, ISC 20 05:43:45.3, 1.3, 4.4:71N:0.04:79E:0.03, h8km, n10km, n43, c1882/63, SC-6D, Eastern Kazakhstan

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

2017 MAR

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PDGK 1.5nm,0.4s, ARXS 5.6nm,0.5s, ARXS 3.6nm,0.1s, etc.

NNC 20 05:54:31.5, 1.5, 5.4:55N:87.10E, h0km, mb3.4, mpv3.2

1166

Error ellipse: s-maj=16.4km s-min=9.0km az=169.0, Suspected Mining explosion, IDC 20 05:54:38.0, 2.4, 5.4:36N:86.66E, h0km, mbtmp3.4/3, ML3.0/3, Error ellipse: s-maj=20.2km s-min=12.4km az=56.0

ISC 20 05:54:33.3, 4.0, 5.4:5N:0.2:86.8E:0.2, h0km, n10, c204/17, 10C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, ZAAO 0.4nm,0.3s, etc.

IDC 20 05:55:18.4, 2.0, 0.9:6S:127.15E, h0km, mb3.5/3, mbtmp3.6/3, Error ellipse: s-maj=160.9km s-min=25.2km az=66.0

DJA 20 05:55:23.1, 0.3, 1.3:3.3:12.6E, h10km, M4.0/13, mb4.4/3, mB5.2/1, MLV3.8/13, Mw(MB)4.6/3

ISC 20 05:55:24.9, 1.1, 1.3:1S:0.06:126.24E:0.07, h35km, n12, c1924/14, Southern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SANI Sanana, SANI Sanana, LBMI Labuha, etc.

IDC 20 05:58:22.9, 2.3, 5.8:9S:154.85E, h160km, 18km, mb3.4/7, mbtmp3.9/11, Error ellipse: s-maj=24.3km s-min=14.7km az=85.0

ISC 20 05:58:21.4, 0.9, 5.9:2S:0.09:155.0E:0.1, h150km, n15, c0594/16, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, KRVT Keravat, PMG Port Moresby, etc.

H11S3 WAKE ISLAND Hy 26.86 25 T T 06 32 40.0

H11S2 WAKE ISLAND Hy 26.86 25 T T 06 32 28.7

H11S1 WAKE ISLAND Hy 26.88 25 T T 06 32 37.4

ASAR Alice Springs 26.89 227 P P 06 03 47.7 -0.9

ASAR Alice Springs 26.89 227 P P 06 07 06.8 -0.3

STKA Stephens Creek 28.71 204 P P 06 04 04.8 +0.2

SOMN Songo Array 68.43 327 P P 06 09 08.2 +0.9

ILAR Eielson Array 82.38 22 P P 06 10 26.4 +0.1

MKAR Makanchi Array 82.60 319 P P 06 10 28.3 +0.5

ZALV Zalesovo Beam 83.29 326 P P 06 10 30.7 -0.5

TORD Torodi Ar. Bea 152.72 287 PKPbc PKPbc 06 18 00.6 -1.0

IDC 20 06:02:00.8, 2.9, 5.4:53N:87.12E, h0km, mbtmp2.9/3, ML2.3/3, Error ellipse: s-maj=24.3km s-min=20.4km az=51.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

MLY	comp-Z,36nm,0.9s	I	Amb	I	Amb	06 46 01.1
MLY	Manley baz=246,SNR=42	84.72	23	P	P	06 45 59.9 +0.1
RND	Reindeer	84.83	25	P	P	06 45 60.0 -0.4
RND	Reindeer	84.83	25	P	P	06 46 00.0 -0.4
H22K	comp-Z,45nm,0.8s Ishlathina Cre baz=245	84.84	22	P	P	06 46 00.9 +0.6
BWN	Browne	84.88	24	P	P	06 46 00.7 +0.1
SCM	Sheep Creek Mo	84.90	26	P	P	06 46 01.1 +0.3
SCM	Sheep Creek Mo	84.90	26	P	P	06 46 01.1 +0.3
SCM	comp-Z,51nm,0.9s Sheep Creek Mo baz=249,SNR=14	84.90	26	P	P	06 46 01.0 +0.1
MCK	McKinley	84.92	24	P	P	06 46 00.4 -0.4
MCK	McKinley	84.92	24	P	P	06 46 00.4 -0.4
MCK	comp-Z,50nm,0.8s McKinley baz=247,SNR=24	84.92	24	P	P	06 46 00.0 -0.8
EYAK	Cordova Ski Ar baz=250	85.17	28	P	P	06 46 02.0 -0.1
NEA2	Nenana	85.20	24	P	P	06 46 01.9 -0.3
NEA2	Nenana	85.20	24	P	P	06 46 02.5
NEA2	comp-Z,18nm,0.7s Nenana baz=247,SNR=16	85.20	24	P	P	06 46 01.5 -0.7
G22K	Bettles	85.23	21	P	P	06 46 02.6 +0.3
F22K	John River	85.25	20	P	P	06 46 02.9 +0.6
I23K	Minto, Yukon-K	85.30	23	P	P	06 46 02.1 -0.5
I23K	Minto, Yukon-K	85.30	23	P	P	06 46 02.5 -0.1
DIV	Divide	85.35	27	P	P	06 46 03.4 +0.4
KLU	Klutina	85.41	27	P	P	06 46 04.1 +0.7
KLU	comp-Z,26nm,0.9s Klutina baz=250,SNR=7.8	85.41	27	P	P	06 46 03.7 +0.3
H23K	Yukon River	85.50	22	P	P	06 46 04.2 +0.5
H23K	Yukon River	85.50	22	P	P	06 46 05.1
H23K	comp-Z,22nm,0.7s Yukon River baz=244	85.50	22	P	P	06 46 04.0 +0.3
M24K	Tolsona, Glenn	85.50	26	P	P	06 46 04.5 +0.7
M24K	Tolsona, Glenn	85.50	26	P	P	06 46 04.0 +0.2
WRH	Wood River Hill	85.55	24	P	P	06 46 03.0 -0.8
WRH	comp-Z,33nm,1.0s Wood River Hill baz=244	85.55	24	P	P	06 46 04.0 -0.8
E22K	Anaktuvuk Pass	85.55	20	P	P	06 46 05.2 +0.8
A21K	Barrow	85.67	16	P	P	06 46 04.6 +0.3
G23K	Bananza Creek	85.68	21	P	P	06 46 04.9 +0.4
CCB	Clear Creek Bu	85.72	24	P	P	06 46 03.7 -1.0
TCOL	CIGO, UAF Yank	85.79	23	P	P	06 46 03.9 -1.1
TCOL	CIGO, UAF Yank	85.79	23	P	P	06 46 03.9 -1.1
COLA	College	85.79	23	P	P	06 46 04.5 -0.5
COLA	College	85.79	23	P	P	06 46 04.5 -0.5
COLA	comp-Z,24nm,0.7s College	85.79	23	P	P	06 46 04.5 -0.5
COLA	College	85.79	23	P	P	06 46 04.3 -0.7
COLD	Coldfoot	85.83	21	P	P	06 46 07.1
COLD	comp-Z,24nm,0.8s Coldfoot baz=246	85.83	21	P	P	06 46 05.9 +0.7
HDA	Harding Lake	85.98	24	P	P	06 46 04.8 -1.3
N25K	Chitina, SNR=11	86.04	27	P	P	06 46 07.1 +0.5
N25K	Chitina, Valde	86.04	27	P	P	06 46 06.8 +0.3
POKR	Poker Plat Res	86.05	23	P	P	06 46 05.6 -0.8
HARP	HAARP	86.05	26	P	P	06 46 06.6 +0.1
PAX	Paxson	86.10	26	P	P	06 46 06.6 -0.2
PAX	Paxson	86.10	26	P	P	06 46 06.6 -0.2
PAX	comp-Z,43nm,1.5s Paxson	86.10	26	P	P	06 46 06.6 -0.2
PAX	Paxson	86.10	26	P	P	06 46 06.6 -0.2
IL31	IL31	86.14	24	P	P	06 46 05.6 -1.1
IL31	IL31	86.14	24	P	P	06 46 06.4
ILAR	comp-Z,29nm,0.8s Eielson Array baz=229nm,0.7s,baz=257,slow=4.9,SNR=299	86.14	24	P	P	06 46 05.3 -1.5
ILAR	Eielson Array	86.14	24	P	P	06 46 05.7 -1.1
ILAR	Eielson Array	86.14	24	P	P	06 46 05.7 -1.1
H24K	Noodor Dome	86.14	23	P	P	06 46 06.9 0.0
H24K	Noodor Dome	86.14	23	P	P	06 46 08.1
H24K	comp-Z,20nm,0.7s Noodor Dome baz=248	86.14	23	P	P	06 46 07.3 +0.4
K24K	Donnelly Dome	86.25	25	P	P	06 46 07.4 -0.1
GLB	Gilghina Butte	86.35	27	P	P	06 46 08.3 +0.3
E23K	Chandalar	86.37	20	P	P	06 46 08.8 +0.9
D23K	Nanushuk River	86.38	19	P	P	06 46 09.6 +1.6
VRDI	Verde Repeater	86.45	28	I	Amb	06 46 10.3
TGL	Tana Glacier	86.60	28	I	Amb	06 46 10.7
G24K	Hadweenz Riv	86.61	22	P	P	06 46 09.5 +0.4
RIDK	Independent Riv	86.62	25	P	P	06 46 09.2 0.0
MCARA	McCarthy VSAT	86.69	28	P	P	06 46 09.9 +0.3
MCARA	McCarthy VSAT	86.69	28	P	P	06 46 11.6
MCARA	comp-Z,35nm,1.1s McCarthy VSAT baz=253	86.69	28	P	P	06 46 10.1 +0.5
E24K	Your Creek	86.76	20	P	P	06 46 10.2 +0.3
F24K	Squaw Lake	86.76	21	P	P	06 46 11.0 +1.1
DOT	Dot Lake	86.92	25	P	P	06 46 10.7 0.0
DOT	Dot Lake	86.92	25	P	P	06 46 11.8
PRP	Porcupine Dome	86.94	23	P	P	06 46 10.7 -0.1
M26K	Nabesna, AK	87.01	27	P	P	06 46 11.6 +0.4
L26K	Log Cabin Wild	87.04	26	I	Amb	06 46 12.5
L26K	Log Cabin Wild	87.04	26	I	Amb	06 46 11.5 +0.2
SCRK	Sand Creek	87.06	25	P	P	06 46 11.7 +0.2
SCRK	Sand Creek	87.06	25	P	P	06 46 11.2 -0.3
G25K	Bearman Lake	87.14	22	P	P	06 46 12.1 +0.5
BARN	Barnard Glacie	87.23	28	P	P	06 46 13.1 +0.6
C24K	Franklin Bluff	87.33	19	P	P	06 46 13.5 +1.0
CTG	Chitina Glacier	87.36	28	P	P	06 46 13.6 +0.6
CTGM	Chitina Glacier	87.36	28	P	P	06 46 13.0 0.0
FYU	Fort Yukon	87.40	22	I	Amb	06 46 14.7
LOGN	Logan Glacier	87.48	28	P	P	06 46 14.0 +0.4
LOGN	Logan Glacier	87.48	28	P	P	06 46 15.1
M27K	Edge Creek, AK	87.49	27	P	P	06 46 14.4 +0.8
F25K	Christian Rive	87.60	21	P	P	06 46 14.9 +1.0
PCA	Pinnacle	87.65	29	P	P	06 46 14.0 -0.3
PINM	Pinnacle	87.65	29	P	P	06 46 14.5 +0.2

L27K	Beaver Creek, comp-Z,16nm,0.8s	87.71	26	I	Amb	06 46 16.1
L27K	Beaver Creek, baz=254	87.71	26	P	P	06 46 15.1 +0.6
BCAR	Beaver Creek A	87.73	26	P	P	06 46 15.0 +0.4
E25K	Arctic Village	87.80	21	P	P	06 46 16.0 +1.1
I26K	Coal Creek Min baz=253,SNR=7.0	87.81	24	P	P	06 46 14.7 -0.1
O28M	Mount Upton baz=255	87.85	28	P	P	06 46 16.2 +0.7
K27K	Chicken baz=254	87.88	25	P	P	06 46 16.4 +1.1
BMAR	Burnt Mountain	87.93	22	P	P	06 46 16.6 +1.2
D25K	Kavik River baz=250,SNR=56	87.94	20	P	P	06 46 16.1 +0.7
PNL	Peninsula	87.96	30	P	P	06 46 16.4 +0.7
BVCY	Beaver Creek baz=255,SNR=14	87.97	27	P	P	06 46 16.3 +0.6
YUK3	Moose Creek baz=255,SNR=15	87.98	27	P	P	06 46 16.7 +0.7
G26K	Porcupine Riv	88.07	22	P	P	06 46 17.5 +1.4
F26K	Sheenjek River baz=252	88.17	21	P	P	06 46 17.7 +1.1
YUK8	Steele Glacier baz=256	88.18	28	P	P	06 46 17.6 +0.5
EGAK	Eagle	88.47	24	P	P	06 46 18.4 +0.4
EGAK	comp-Z,22nm,0.9s Eagle baz=254,SNR=17	88.47	24	P	P	06 46 18.3 +0.3
I27K	Kandik River baz=254	88.51	29	P	P	06 46 18.8 +0.5
O29M	Mount Kennedy	88.51	29	P	P	06 46 18.8 +0.3
C26K	Camden Bay baz=251	88.63	19	P	P	06 46 19.7 +1.0
YUK4	Talbot Arm baz=257,SNR=11	88.72	28	P	P	06 46 20.6 +1.1
H27K	Stemboat Moun baz=254,SNR=60	88.72	23	P	P	06 46 20.2 +0.9
YUK6	Outpost Mounta baz=252	88.76	29	P	P	06 46 20.4 +0.6
G27K	Doyon Strip baz=254,SNR=28	88.83	22	P	P	06 46 20.7 +1.0
C27K	Jago River baz=252	88.93	20	P	P	06 46 21.0 +0.9
DAWY	Dawson	89.03	25	P	P	06 46 21.3 +0.6
DAWY	comp-Z,24nm,0.8s Dawson baz=256	89.03	25	P	P	06 46 21.4 +0.6
M29M	Sourton Creek baz=257	89.06	27	P	P	06 46 21.7 +0.8
HYT	Haines Junctio baz=257	89.14	29	P	P	06 46 22.2 +0.7
HYT	comp-Z,18nm,0.8s Haines Junctio baz=258,SNR=7.2	89.14	29	P	P	06 46 22.1 +0.7
E27K	Coleen River baz=254	89.24	21	P	P	06 46 22.6 +1.0
P30M	Million Dollar baz=258	89.26	29	P	P	06 46 22.8 +0.9
L29M	L29M	89.36	26	P	P	06 46 23.1 +0.9
PL3C	Pleasant Camp baz=257	89.42	30	P	P	06 46 23.0 +0.4
NB0M	Aishikk Lake baz=258	89.47	28	P	P	06 46 23.7 +0.8
SIT	Sitka baz=250	89.51	33	P	P	06 46 23.5 +0.5
J29M	Klondike Camp comp-Z,15nm,0.9s	89.62	25	I	Amb	06 46 25.6
J29M	Klondike Camp baz=257	89.62	25	P	P	06 46 24.5 +1.0
GEYT	Alibek comp-Z,5.5nm,0.7s,baz=172,slow=2.2,SNR=9.4	89.69	308	P	P	06 46 24.2 -0.2
GEYT	Alibek	89.69	308	P	P	06 46 24.7 +0.3
GEYT	Alibek	89.69	308	P	P	06 46 24.7 +0.3
K29M	Barlow Dome baz=258	89.78	26	P	P	06 46 25.2 +0.8
I29M	Ogilvie Camp, I29M	89.79	24	P	P	06 46 24.6 +0.3
I29M	comp-Z,25nm,1.2s Ogilvie Camp, baz=257,SNR=13	89.79	24	P	P	06 46 24.4 +0.3
O30N	Mientell baz=259,SNR=7.9	89.81	29	P	P	06 46 24.7 +0.3
M30M	Minto, Yukon	89.84	27	P	P	06 46 25.0 +0.4
M30M	Minto, Yukon	89.84	27	P	P	06 46 24.9 +0.4
ABKAR	Akutak array	89.86	319	P	P	06 46 24.0 -0.8
SKAG	Skagway	89.94	30	P	P	06 46 26.1 +1.1
SKAG	comp-Z,18nm,1.0s Skagway baz=253	89.94	30	P	P	06 46 25.6 +0.6
S32K	Killisnoo baz=260	89.98	32	P	P	06 46 25.3 +0.1
BESE	Bessie Mountai baz=260	90.03	31	P	P	06 46 26.6 +1.1
N31M	Braeburn, Yuko comp-Z,18nm,0.7s	90.10	28	I	Amb	06 46 27.3
N31M	Braeburn, Yuko baz=259,SNR=5.1	90.10	28	P	P	06 46 26.6 +0.8
MAYO	Mayo, Yukon	90.44	26	P	P	06 46 28.5 +1.2
MAYO	Mayo, Yukon	90.44	26	P	P	06 46 28.1 +0.8
EPYK	Eagle Plains	90.64	23	P	P	06 46 28.5 +0.3
EPYK	Eagle Plains	90.64	23	P	P	06 46 28.4 +0.2
T33K	Petersburg baz=262	90.75	33	P	P	06 46 29.2 +0.4
P32M	Atlin baz=261	90.78	30</			

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ISC	h	m	s	ISC		
OWD	baz=226	eS	Sg	07 04 43.0	-0.9	
WUSB	Renai	1.28 230f	eP	Pg	07 04 26.7	-0.9
WUSB	baz=229	eS	Sg	07 04 43.0	-1.3	
NMLH	Miaoili	1.31 257	eP	Pg	07 04 28.8	+0.8
NMLH	baz=258	eS	Sn	07 04 47.0	+1.8	
EGFH	Guangfu	1.35 211	eP	Pn	07 04 27.7	-0.4
EGFH	baz=209	eS	Sn	07 04 46.5	+0.2	
NSY	Sanyi	1.36 253	eP	Pg	07 04 29.8	+0.6
NSY	baz=253	eS	Sn	07 04 49.0	+2.3	
TWQ1	Liyutan	1.38 250	eP	Pg	07 04 30.4	+1.1
TWQ1	baz=250	eS	Sn	07 04 49.1	+2.1	
WCS	Beigang Elemen	1.40 237	eP	Pg	07 04 29.5	-0.2
WCS	baz=236	eS	Sg	07 04 47.2	-0.7	
DPDB	Guoxing	1.40 236	eP	Pg	07 04 29.4	-0.4
DPDB	baz=235	eS	Sn	07 04 48.0	+0.4	
VWDT	VWDT	1.44 222f	eP	Pb	07 04 29.4	-0.6
VWDT	baz=221	eS	Sg	07 04 49.2	+0.1	
IRIF	Iriomote-Funau	1.48 109	p	Pn	07 04 29.5	-0.5
IRIF	baz=206	eS	Sn	07 04 49.1	-0.5	
WDJ	Dajia District	1.49 252	eP	Pg	07 04 31.5	-0.1
WDJ	baz=252	eS	Sg	07 04 51.6	+0.7	
HGSD	Ruisui	1.50 208f	eP	Pb	07 04 30.4	-0.7
HGSD	baz=206	eS	Sg	07 04 54.0	+2.7	
SMLT	Sun Moon Lake	1.51 232	eP	Pg	07 04 31.0	-0.9
SMLT	baz=230	eS	Sg	07 04 51.4	-0.1	
TYC	Yuchr	1.53 233	eP	Pg	07 04 31.2	-1.0
TYC	baz=232	eS	Sn	07 04 50.2	-0.4	
SSLB	Suanguang	1.53 228	p	Pg	07 04 31.5	-0.8
SSLB	baz=227	eS	Sn	07 04 31.0	-0.7	
SSLB	baz=227	eS	Sn	07 04 50.8	-0.1	
TCU	Taichung	1.54 244	eP	Pg	07 04 33.6	+1.1
TCU	baz=244	eS	Sg	07 04 53.1	+0.7	
YULB	Yu-ii	1.65 210	p	Pn	07 04 32.2	-0.1
YULB	baz=208	eS	Sb	07 04 31.8	-0.5	
YULB	baz=208	eS	Sn	07 04 54.8	+0.2	
ECBN	Changbin	1.65 204	eP	Pb	07 04 32.5	-1.1
ECBN	baz=202	eS	Sn	07 04 53.9	+0.1	
HATJ	Hateruma jima	1.66 117	p	Pb	07 04 32.6	-1.3
HATJ	baz=202	eS	Sn	07 04 53.6	-0.4	
WHYT	Xinyi Township	1.66 228	eP	Pg	07 04 33.7	-1.1
WHYT	baz=226	eS	Sg	07 04 56.6	+0.2	
WCHH	Zhanghua	1.66 244	eP	Pg	07 04 35.3	+0.4
WCHH	baz=243	eS	Sg	07 04 56.1	-0.3	
WJS	Zhushan	1.67 233	eP	Pg	07 04 35.4	+0.4
WJS	baz=233	eS	Sg	07 04 57.5	+0.9	
WNT	Mingjian	1.67 236	eP	Pg	07 04 35.6	+0.6
WNT	baz=235	eS	Sg	07 04 57.6	+1.0	
EYUL	Yuli	1.68 209	eP	Pn	07 04 32.8	+0.1
EYUL	baz=207	eS	Sb	07 04 55.9	+0.5	
TWF1	Yuli	1.68 209	eP	Sb	07 04 32.5	-0.3
TWF1	baz=207	eS	Sb	07 04 55.7	+0.1	
YUS	Yu-Shan	1.75 221	eP	Pg	07 04 35.4	-1.1
YUS	baz=219	eS	Sb	07 04 57.8	-0.2	
JKRS	Kuro-shima	1.76 109	p	Pb	07 04 34.0	-1.5
JKRS	baz=205	eS	Sn	07 04 56.4	0.0	
FULB	Fuli	1.82 207	eP	Sb	07 04 35.0	+0.3
FULB	baz=205	eS	Sb	07 04 59.1	-0.4	
ALS	Alishan	1.82 224	eP	Pg	07 04 36.7	-1.2
ALS	baz=223	eS	Sg	07 05 02.0	+0.4	
JIJ	Ishigaki jima	1.84 104	p	Pn	07 04 34.5	-0.3
JIJ	baz=228	eS	Sn	07 04 58.2	-0.1	
CHNS	Tsauling	1.85 229	eP	Pg	07 04 37.5	-0.8
CHNS	baz=228	eS	Sg	07 05 02.3	-0.1	
WGK	Gukeng	1.87 233	eP	Pg	07 04 38.6	-0.3
WGK	baz=232	eS	Sg	07 05 04.5	+1.3	
CHKT	Chengkung	1.88 204	eP	Pn	07 04 34.7	-0.7
CHKT	baz=202	eS	Sn	07 04 59.5	+0.1	
WDLH	Douliu	1.89 233	eP	Pg	07 04 38.5	-0.7
WDLH	baz=233	eS	Sg	07 05 03.2	-0.4	
WRL	Guolierlin Hig	1.89 241	eP	Pb	07 04 37.4	-0.5
WRL	baz=241	eS	Sb	07 05 01.0	-0.7	
EHD	Haiduan	1.90 208	eP	Pn	07 04 35.9	+0.2
EHD	baz=207	eS	Sb	07 05 02.4	+0.6	
ELDTW	Lidau	1.95 214	eP	Pn	07 04 37.1	+0.6
ELDTW	baz=212	eS	Sg	07 04 40.0	-1.3	
WTK	Tuku	2.00 236	eP	Pg	07 05 06.0	-1.3
WTK	baz=235	eS	Sg	07 05 06.0	-1.3	
WCKO	Fanlu	2.00 227	eP	Pg	07 04 40.3	-1.1
WCKO	baz=226	eS	Sg	07 05 06.4	-1.0	
EDH	Donghe	2.02 204	eP	Pn	07 04 37.0	-0.3
EDH	baz=202	eS	Sn	07 05 02.8	0.0	
CHN2	Mingshiung	2.03 231	eP	Pg	07 04 42.0	+0.1
CHN2	baz=230	eS	Sg	07 05 08.3	+0.1	
CHN4	Tsashan	2.07 225	eP	Pb	07 04 40.8	-0.1
CHN4	baz=224	eS	Sg	07 05 09.4	-0.1	
TPUB	Ta-pu	2.09 223	eP	Pb	07 04 41.1	0.0
TPUB	baz=222	eS	Sb	07 05 08.0	+0.8	
CHY	Chiayi	2.09 231	eP	Pg	07 04 41.3	-1.7
CHY	baz=230	eS	Sg	07 05 09.0	-1.1	
STYH	Taoyuan	2.10 218	eP	Pb	07 04 40.1	-1.2
STYH	baz=217	eS	Sb	07 05 06.6	-0.9	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ISC	h	m	s	ISC		
STYH	baz=217	eS	Sb	07 05 06.6	-0.9	
STYT	Taiyuan	2.12 219	eP	Pb	07 04 41.0	-0.6
WTP	Ta-pu	2.14 223	eP	Pb	07 04 42.0	0.0
WTP	baz=221	eS	Sg	07 05 11.0	-0.6	
LONT	Longtian	2.15 207	eP	Pn	07 04 39.2	0.0
LONT	baz=206	eS	Sn	07 05 06.1	+0.1	
TWK	Hsinying	2.20 225	eP	Pb	07 04 42.4	-0.7
TWK	baz=224	eS	Sb	07 05 11.5	+0.9	
WSL	Shuilin Townsh	2.21 234	eP	Pb	07 04 42.6	-0.7
WSL	baz=234	eS	Sb	07 05 09.8	-1.1	
CHN1	Nanshi	2.23 223	eP	Pb	07 04 43.3	-0.3
CHN1	baz=222	eS	Sg	07 05 13.3	-1.5	
LDUT	Ludao	2.25 197	eP	Pn	07 04 39.5	-0.9
LDUT	baz=195	eS	Sn	07 05 07.5	-0.9	
TWGBT	Beinan	2.25 207	p	Pn	07 04 40.5	0.0
TWGBT	baz=206	eP	Pn	07 04 40.4	-0.1	
TWG	Pinglang	2.25 207	eP	Pn	07 04 40.6	+0.1
TWG	baz=206	eS	Sn	07 05 08.9	+0.5	
TTN	Taitung	2.28 205	eP	Pn	07 04 41.2	+0.3
TTN	baz=203	eS	Sb	07 04 44.4	0.0	
ICHU	Yijhu	2.28 230	eP	Pb	07 04 44.4	0.0
ICHU	baz=230	eS	Sb	07 05 13.6	+0.9	
SGST	Jiashian	2.28 221	eP	Pb	07 04 42.7	-1.6
SGST	baz=219	eS	Sb	07 05 12.6	-0.1	
CHNB	Yiji	2.33 231	eP	Pb	07 04 45.4	0.0
CHNB	baz=230	eS	Sb	07 05 15.7	+1.3	
MATB	Mafesu	2.42 303	eP	Pn	07 04 42.4	-0.5
MATB	baz=304	eS	Pb	07 04 42.2	-0.6	
SCST	Cishan	2.48 219	eP	Pb	07 04 43.4	-0.5
VWUC	VWUC	2.50 274	eP	Pn	07 04 46.9	-1.5
VWUC	baz=275	eS	Sb	07 04 50.0	+0.6	
SSD	Sandimen	2.52 215	eP	Pb	07 04 46.9	-1.5
TWMT	Shoushan	2.57 219	eP	Pb	07 04 50.0	+0.6
TWMT	baz=218	eS	Sg	07 05 25.7	+0.1	
MASBT	Mashibuluo	2.63 213	eP	Pb	07 04 47.7	-2.7
MASBT	baz=212	eS	Sn	07 05 19.3	+1.4	
PNG	Penghu	2.71 243	eP	Pn	07 04 48.2	+1.2
PNG	baz=242	eS	Sn	07 05 20.9	+0.9	
EAST	Anshuo	2.73 207	eP	Pn	07 04 47.0	-0.1
EAST	baz=206	eS	Sb	07 05 24.8	-1.0	
TAWH	Dawu Township	2.75 206	eP	Pn	07 04 48.0	+0.6
TAWH	baz=205	eS	Sn	07 05 23.7	+2.8	
XPSS	Dashiou	2.76 320	eP	Pn	07 04 48.0	+0.5
XPSS	baz=321	eS	Sn	07 05 20.2	-0.9	
LYJY	Jianjiangzhen	2.78 309	eP	Pn	07 04 47.6	-0.3
WDGT	Dungji	2.79 236	eP	Pb	07 04 49.9	-3.3
WDGT	baz=236	eS	Sn	07 05 23.0	+1.1	
LAY	Lan-yu	2.84 192	eP	Pn	07 04 48.0	-0.7
LAY	baz=190	eS	Sn	07 05 20.5	-2.6	
SCZT	Fangliu	2.84 211	eP	Pb	07 04 51.7	-2.2
VCHM	Qimei	3.00 238	eP	Pn	07 04 52.2	+1.4
VCHM	baz=209	eS	Pn	07 04 52.5	+0.8	
SMST	Manzhou Townsh	3.06 204	eP	Pn	07 05 28.1	-0.5
SMST	baz=203	eS	Sn	07 05 28.1	-0.5	
TWK1	Hengchun	3.14 204	eP	Pn	07 04 51.8	-1.0
TWK1	baz=203	eS	Pn	07 04 58.8	+1.8	
KNM	Kinmen	3.44 264	eP	Pn	07 04 57.6	+0.1
KNM	baz=264	eS	Pn	07 05 02.5	+0.2	
AXDP	Jialang	3.83 272	eP	Pn	07 05 45.8	-1.8
AXDP	baz=272	eS	Sn	07 05 48.0	+0.8	
CVP	Callao Caves	7.10 183f	LR	LR	07 11 15.1	
JNU	Nakatsue	11.22 41	LR	LR	07 07 27.7	+3.5
KRSR	Korea Array	13.50 20	P	P	07 13 10.3	
KRSR	1.8nm,0.7s,baaz=198,slow=12,SNR=6.9					
MJAR	Matsushiro Arr	18.03 46	P	P	07 08 21.0	+6.5
MJAR	0.7nm,0.6s,baaz=223,slow=8.2,SNR=1.8					
USRK	Ussuriysk Ar.	20.91 20	P	P	07 08 49.8	+1.4
USRK	1.4nm,0.5s,baaz=206,slow=12,SNR=3.0					
CMAR	Chiang Mai Arr	22.50 258	P	P	07 09 06.6	+3.4
CMAR	1.3nm,0.3s,baaz=56,slow=6.6,SNR=2.1					
ASAJ	Asahikawa	25.43 36	LR	LR	07 19 58.0	
ASAJ	comp=Z,93nm,18.3s,baaz=121,slow=37					
KLR	Kul dur	25.48 15	P	P	07 09 33.5	+2.0
KLR	0.8nm,0.7s,baaz=208,slow=8.0,SNR=2.6					
SOMN	Songino Array	26.15 335	P	P	07 09 39.2	+1.3
SOMN	1.3nm,0.7s,baaz=155,slow=10,SNR=8.4					
YAK	Yakutsk	37.53 6	LR	LR	07 29 07.8	
YAK	comp=Z,77nm,18.6s,baaz=259,slow=40					
MKAR	Makanchi Array	38.52 315	P	P	07 11 26.8	+0.9
MKAR	0.4nm,0.7s,baaz=98,slow=8.8,SNR=3.8					
ZALV	Zalesovo Beam	40.21 326	P	P	07 11 40.2	+0.3
ZALV	0.4nm,0.4s,baaz=119,slow=8.9,SNR=2.0					
WRA	Warramunga Arr	46.05 164	P	P	07 12 27.7	+0.3
WRA	2.1nm,0.5s,baaz=346,slow=9.6,SNR=13					
TIXI	Tiksi	47.00 3	LR	LR	07 34 46.5	
TIXI	comp=Z,74nm,19.7s,baaz=0.0,slow=39					
BVAR	Bovine Array	47.76 320	P	P	07 12 40.7	+0.1
BVAR	0.5nm,0.6s,baaz=143,slow=5.0,SNR=1.9					
ASAR	Alice Springs	49.53 166	P	P	07 12 56.9	+2.5
ASAR	0.9nm,0.8s,baaz=344,slow=9.6,SNR=8.9					
GEYT	Alibek	55.27 300	P	P	07 13 35.0	-2.1
GEYT	1.1nm,0.5s,baaz=59,slow=5.6,SNR=1.8					
YKA	Yellowknife Arr	82.02 23	P	P	07 16 22.2	-1.3
YKA	0.1nm,0.7s,baaz=313,slow=4.6,SNR=2.5					

Table with columns: Station, Name, Time, Frequency, Mode, Signal, and other parameters. Includes stations like SAML Samuel, CLDE Colider, COVC Coughisque, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Signal, and other parameters. Includes stations like UW07 University of Sharon, UTMT 747A, Z35A Perchaven, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Signal, and other parameters. Includes stations like SOE, SRU San Rafael Swe, MTPU, Q16A Castle Valley, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

20d 8h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MJAR, BNK, BXN, etc.

2017 MAR

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GOMU, PZH, PZH, etc.

1178

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like F22K, M20K, M20K, etc.

M23K	Glacier View	44.88	40	P	P	08 30 16.8	-0.5
TKM2	Tokmak 2	44.99	292	P	P	08 30 19.9	+1.3
J1RN	Jiri	45.05	267	eP	P	08 30 20.6	+1.1
SCM	Sheep Creek Mo	45.06	40	P	P	08 30 19.9	+1.2
SCM	Sheep Creek Mo	45.06	40	P	P	08 30 19.9	+1.2
SCM	Sheep Creek Mo	45.06	40	P	P	08 30 18.7	0.0
FYU	Fort Yukon	45.07	37	P	P	08 30 19.8	+1.2
GUN	Gumba	45.13	35	P	P	08 30 21.1	+1.0
PRP	Porcupine Dome	45.13	35	P	P	08 30 20.0	+0.7
PRP	Porcupine Dome	45.13	35	P	P	08 30 18.5	-0.8
RAMN	Ramite	45.18	266	eP	P	08 30 21.3	+1.0
C27K	Jago River	45.18	29	P	P	08 30 19.0	-0.5
BMAR	Burnt Mountain	45.19	32	P	P	08 30 20.2	+0.7
F26K	Sheenjek River	45.31	32	P	P	08 30 20.3	-0.2
K24K	Donnelly Dome	45.35	37	P	P	08 30 21.0	+0.1
KBK	Karagaybulak	45.53	292	P	P	08 30 24.1	+1.3
M24K	Tolsona, Glenn	45.53	39	P	P	08 30 24.1	+1.7
M24K	Tolsona, Glenn	45.53	39	P	P	08 30 22.1	-0.3
G26K	Porcupine Rive	45.57	33	P	P	08 30 22.2	-0.3
USP	Ospenovka	45.58	293	P	P	08 30 24.0	+1.0
PAX	Paxson	45.66	38	P	P	08 30 23.1	-0.3
PAX	Paxson	45.66	38	P	P	08 30 23.1	-0.3
PAX	Paxson	45.66	38	P	P	08 30 22.7	-0.7
PKI	Pulchoki	45.67	267	eP	P	08 30 25.1	+0.9
PKIN	Phochoki	45.67	267	eP	P	08 30 25.1	+0.9
TOLJ	Toittoi	45.74	206	P	P	08 30 22.9	-1.6
RIDG	Independent Ri	45.77	37	P	P	08 30 24.3	+0.1
RIDG	Independent Ri	45.77	37	P	P	08 30 24.0	-0.2
KLU	Klutina	45.79	40	P	P	08 30 25.0	+0.9
KLU	Klutina	45.79	40	P	P	08 30 26.1	0.0
KLU	Klutina	45.79	40	P	P	08 30 23.6	-0.8
AAK	Ala-Archa	45.84	292	P	P	08 30 26.1	+0.8
AAK	Ala-Archa	45.84	292	P	P	08 30 26.0	+0.8
AAK	Ala-Archa	45.84	292	P	P	08 30 26.0	+0.8
AAK	Ala-Archa	45.84	292	P	P	08 30 26.0	+0.8
HARP	HAARP	45.93	39	P	P	08 30 24.7	-0.7
DIV	Divide	45.95	41	P	P	08 30 25.9	+0.2
DIV	Divide	45.95	41	P	P	08 30 36.8	0.0
GKN	Gorkha	45.97	268	eP	P	08 30 27.1	+0.7
SCRK	Sand Creek	46.09	37	P	P	08 30 26.3	-0.5
SCRK	Sand Creek	46.09	37	P	P	08 30 27.2	0.0
SCRK	Sand Creek	46.09	37	P	P	08 30 25.6	-1.2
DOT	Dot Lake	46.13	37	P	P	08 30 26.5	-0.4
I26K	Coal Creek Min	46.15	35	P	P	08 30 26.7	-0.3
E27K	Coleen River	46.17	31	P	P	08 30 25.6	-1.6
KSH	Kashi	46.21	287	P	P	08 30 31.9	+3.9
KSH	Kashi	46.21	287	P	P	08 30 31.9	+3.9
EKS2	Erkin-Say	46.31	292	P	P	08 30 29.6	+0.8
N25K	Chitina, Valde	46.38	40	P	P	08 30 27.8	-1.1
DANN	Dangsing	46.41	269	eP	P	08 30 31.4	+1.5
G27K	Doyon Strip	46.43	32	P	P	08 30 27.9	-1.3
MENT	Mentasta	46.45	38	P	P	08 30 29.9	+0.5
MENT	Mentasta	46.45	38	P	P	08 30 31.8	0.0
L26K	Log Cabin Wild	46.59	38	P	P	08 30 31.1	+0.6
L26K	Log Cabin Wild	46.59	38	P	P	08 30 32.3	0.0
L26K	Log Cabin Wild	46.59	38	P	P	08 30 29.0	-1.5
AML	Almayashu	46.59	292	P	P	08 30 32.6	+1.3
H27K	Steamboat Moun	46.60	33	P	P	08 30 29.9	-0.7
I27K	Kantik River	46.71	34	P	P	08 30 30.5	-1.0
GLB	Gilahina Butte	46.79	40	P	P	08 30 33.2	+1.1
GLB	Gilahina Butte	46.79	40	P	P	08 30 50.9	0.0
K27K	Chicken	46.89	36	P	P	08 30 33.3	+0.5
K27K	Chicken	46.89	36	P	P	08 30 34.4	0.0
K27K	Chicken	46.89	36	P	P	08 30 32.5	-0.3
M26K	Nabesna, AK	46.91	39	P	P	08 30 33.6	+0.6
M26K	Nabesna, AK	46.91	39	P	P	08 30 35.8	0.0
M26K	Nabesna, AK	46.91	39	P	P	08 30 31.9	-1.1
VRDI	Verde Repeater	47.01	40	P	P	08 30 34.8	+0.8
VRDI	Verde Repeater	47.01	40	P	P	08 30 36.0	0.0
EGAK	Eagle	47.09	35	P	P	08 30 34.4	+0.1
EGAK	Eagle	47.09	35	P	P	08 30 35.6	0.0
EGAK	Eagle	47.09	35	P	P	08 30 33.8	-0.6
PYUN	Piuthan	47.10	270	eP	P	08 30 36.7	+1.5
MCARA	McCarthy VSAT	47.17	40	P	P	08 30 35.7	+0.8
MCARA	McCarthy VSAT	47.17	40	P	P	08 30 34.4	-0.6
FAKI	Fak Fak	47.17	189	P	P	08 30 36.4	+0.6
FAKI	Fak Fak	47.17	189	P	P	08 30 37.1	+0.6
L27K	Beaver Creek	47.25	38	P	P	08 30 36.4	+0.7
L27K	Beaver Creek	47.25	38	P	P	08 30 38.3	0.0
L27K	Beaver Creek	47.25	38	P	P	08 30 35.1	-0.5
BCAR	Beaver Creek A	47.27	38	P	P	08 30 35.8	0.0
M27K	Edge Creek, AK	47.42	38	P	P	08 30 38.2	+1.2
M27K	Edge Creek, AK	47.42	38	P	P	08 30 39.3	0.0
M27K	Edge Creek, AK	47.42	38	P	P	08 30 36.2	-0.9
BVCY	Beaver Creek	47.86	38	P	P	08 30 37.3	-3.0
DAWY	Dawson	48.02	36	P	P	08 30 40.0	-1.6
CTG	China Glacier	48.07	40	P	P	08 30 40.4	-1.7
CTGM	China Glacier	48.07	40	P	P	08 30 42.2	+0.2
CTGM	China Glacier	48.07	40	P	P	08 30 44.2	0.0
I29M	Ogilvie Camp	48.10	34	P	P	08 30 40.2	-1.9
YUK3	Moose Creek	48.23	39	P	P	08 30 40.8	-2.5
KK31	Karatay Array	48.29	294	P	P	08 30 44.4	+0.6
KK31	Karatay Array	48.29	294	P	P	08 30 45.7	0.0
KK31	Karatay Array	48.29	294	P	P	08 30 44.4	+0.6
KK31	Karatay Array	48.29	294	P	P	08 30 44.4	+0.6
KKAR	Karatay Array	48.29	294	P	P	08 30 44.4	+0.6
KKAR	Karatay Array	48.29	294	P	P	08 30 44.4	+0.6
J29M	Klondike Camp	48.40	35	P	P	08 30 44.3	-0.1

J29M	comp-Z,9.5nm,0.5s	IAMB	IAMB	08 30 55.1			
EPYK	Eagle Plains	48.45	32	P	P	08 30 44.6	-0.1
EPYK	Eagle Plains	48.45	32	P	P	08 30 46.9	0.0
EPYK	Eagle Plains	48.45	32	P	P	08 30 43.2	-1.6
G30M	Aoh Zraii Nji	48.46	32	P	P	08 30 43.6	-1.2
SVE	Sverdllovsk	48.79	314	eP	P	08 30 48.4	+1.0
SVE	Sverdllovsk	48.79	314	eP	P	08 30 48.4	+1.0
L29M	L29M	48.85	37	P	P	08 30 46.6	-1.2
K29M	Barlow Dome	48.88	36	P	P	08 30 47.3	-0.8
M29M	Somme Creek	48.91	38	P	P	08 30 47.6	-0.8
INK	Inuvik	49.06	29	P	P	08 30 49.4	+0.2
INK	Inuvik	49.06	29	P	P	08 30 49.6	+0.5
INK	Inuvik	49.06	29	P	P	08 30 49.7	+0.5
INK	Inuvik	49.06	29	P	P	08 30 49.6	+0.5
INK	Inuvik	49.06	29	P	P	08 30 49.7	+0.5
INK	Inuvik	49.06	29	P	P	08 30 46.7	-2.5
F31M	TSigheitchic	49.25	31	P	P	08 30 48.8	-1.8
BTK	Batken	49.47	290	P	P	08 30 53.5	+0.6
BTK	Batken	49.47	290	P	P	08 30 55.9	0.0
BTK	Batken	49.47	290	P	P	08 30 53.5	+0.6
M30M	Minto, Yukon	49.60	37	P	P	08 30 55.6	+2.1
M30M	Minto, Yukon	49.60	37	P	P	08 30 56.4	0.0
M30M	Minto, Yukon	49.60	37	P	P	08 30 52.3	-1.2
M30M	Minto, Yukon	49.60	37	P	P	08 30 53.7	0.0
M30M	Minto, Yukon	49.60	37	P	P	08 30 52.3	-1.2
MAYO	Mayo, Yukon	49.64	36	P	P	08 30 51.9	-1.9
MAYO	Mayo, Yukon	49.64	36	P	P	08 30 53.8	-1.6
N30M	Aislik Lake	49.85	39	P	P	08 30 55.7	0.0
N30M	Aislik Lake	49.85	39	P	P	08 30 59.0	0.0
HYT	Haines Junctio	49.89	40	P	P	08 30 55.7	0.0
HYT	Haines Junctio	49.89	40	P	P	08 30 59.0	0.0
HYT	Haines Junctio	49.89	40	P	P	08 30 55.5	-0.3
HYT	Haines Junctio	49.89	40	P	P	08 30 56.8	+0.3
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 32 07.6	+2.5
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 31 19.2	-3.7
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 32 07.6	+2.5
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 31 19.2	-3.7
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 32 07.6	+2.5
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 31 19.2	-3.7
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 32 07.6	+2.5
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 31 19.2	-3.7
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 32 07.6	+2.5
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 31 19.2	-3.7
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 32 07.6	+2.5
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 31 19.2	-3.7
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 30 56.9	+0.4
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 32 07.6	+2.5
ARU	Arti	50.00	314	P	P	08 31 49.2	-1.2
ARU	Arti	50.00	314	P	P	08 31 19.2	-3.7
ARU	Arti	50.00</					

20d 9h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like AKBB, SKAR, GURO, ODD1, etc.

2017 MAR

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like DIVS, B3SA, OBKA, KBA, MYKA, etc.

1180

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MAJO, JTM, JGF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ETL Fush Village, NACB Ninganchiao, ETLH Xiulin Townshi, etc.

IDC 20 11:10:17.5:1.9,51.70N:82.95E,h0km,mbtmp2.7/1, ML2.5/1, Error ellipse: s-maj=50.6km s-min=13.1km az=108.0

NNC 20 11:10:29.1:2.8,50.95N:82.32E,h0km,mb2.8,mpv2.4, Error ellipse: s-maj=32.9km s-min=13.1km az=27.0, Suspected Mining explosion.

ISC 20 11:10:17.7:1.4,51.7M:0.1,82.8E:0.1,h0km,n6,o09/307, 3C-3D,Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

JMA 20 11:31:18.9:0.1,32.4N:0.2x131.8E:0.3,h16km,MV1.0/25, HYUGANADA REGION,Kyushu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JHHC Hyugahichiya, JHSC Tsuno, etc.

ROM 20 11:32:20.0:0.2,43.324N:0.009:13.20E:0.02,h0km, ML1.3/28,1C, Error ellipse: s-maj=1.3km s-min=0.9km az=253.0,Central Italy

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

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EL6 Elicito, MDPAR Monte D'Arja, etc.

ROM 20 11:32:55.4:0.0,43.006N:0.003:13.063E:0.004, h10km,ML1.5/9,1D, Error ellipse: s-maj=0.4km s-min=0.2km az=45.0,Central Italy

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like T1245 comp=N,143um,0.3s, GUMA Gualdo di Mace, etc.

WEL 20 11:47:58.7:0.3,40.0'S:2x17'5"E, h5km,4km,M3.7/49, ML4.0/49,MLV3.7/49, Error ellipse: s-maj=0.0km s-min=0.0km az=78.5,confirmed

NOU 20 11:47:59.4,40.11S:174.56E,h12km,MLV4.0/13,Cook Strait, New Zealand

ISC 20 11:47:58.6:1.2,40.14S:0.02x174.58E:0.02,h6km,12km, n152,o084/159,Cook Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAZ Wanganui, WAZ Lake Rotokare, etc.

KKAR	Karatay Array	51.22 301	P	P	13 05 30.6 +0.2
KKAR	comp=Z,1.1nm,0.7s		I	Amb	13 05 31.4
KKAR	Karatay Array	51.22 301	P	P	13 05 30.4 0.0
KKAR	Karatay Array	51.22 301	P	P	13 05 30.6 +0.2
KKAR	comp=Z,1.1nm,0.7s		pmax	pmax	
NIL	Nilore	51.56 289	P	P	13 05 32.8 -0.3
NIL	comp=Z,1.9nm,0.8s		I	Amb	13 05 34.6
NIL	Nilore	51.56 289	P	P	13 05 32.8 -0.3
NIL	comp=Z,1.9nm,0.8s		pmax	pmax	
IMAR	Indian Mountain	52.30 29	P	P	13 05 38.8 +1.0
GAR	Garm	52.32 296	I	Amb	13 05 39.1 +0.4
GAR	comp=Z,2.4nm,1.2s		I	Amb	13 05 39.6
WB0	Warramunga Arr	52.61 182	P	P	13 05 41.2 +0.5
WB0	comp=Z,1.6nm,1.0s		I	Amb	13 05 41.8
WRAB	Tennant Creek	52.77 182	P	P	13 05 42.4 +0.5
WRAB	comp=Z,2.4nm,1.4s		I	Amb	13 05 43.6
WRAB	Tennant Creek	52.77 182	ceP	pmax	13 05 42.1 +0.2
WRAB	comp=Z,2.8nm,2.5s		pmax	pmax	
WB2	Warramunga Arr	52.78 182	P	P	13 05 42.5 +0.5
WRA	Warramunga Arr	52.78 182	P	P	13 05 42.3 +0.3
WRA	comp=Z,5.0nm,0.4s,baz=355,slow=7.8,SNR=160		S	S	13 12 36.7 +0.3
WRA	comp=Z,0.5nm,0.7s,baz=359,slow=13,SNR=4.7		S	S	
WRA	Warramunga Arr	52.78 182	P	P	13 05 42.5 +0.5
WRA	Warramunga Arr	52.78 182	P	P	13 05 42.5 +0.5
WRA	comp=Z,1.0nm,1.1s		pmax	pmax	
CHGR	Chuyangaron	53.28 296	P	P	13 05 45.8 +0.2
CHGR	comp=Z,4.8nm,1.1s		I	Amb	13 05 46.5
CHGR	Chuyangaron	53.28 296	P	P	13 05 45.8 +0.2
CHGR	comp=Z,4.8nm,1.1s		pmax	pmax	
CTAO	Charters Tower	53.83 168	P	P	13 05 49.9 +0.5
CTAO	comp=Z,1.4nm,1.4s		I	Amb	13 06 01.9
CTAO	Charters Tower	53.83 168	P	P	13 05 49.9 +0.5
CTAO	comp=Z,1.4nm,1.4s		pmax	pmax	
BMAR	Burnt Mountain	55.91 27	P	P	13 06 05.4 +1.8
ARU	Arti	56.33 319d	PP	PP	13 06 05.8 -0.8
ARU	comp=Z,0.5nm,0.5s		SS	SS	13 07 33.5 -2.5
ARU	comp=Z,0.5nm,0.5s		SS	SS	13 08 15.9
ARU	comp=Z,1.9nm,0.7s		SS	SS	13 12 29.9 +0.7
ARU	comp=Z,1.9nm,0.7s		SS	SS	13 17 14.3 -2.4
AS31	Alice Springs	56.50 182	P	P	13 06 08.8 +0.6
ASAR	Alice Springs	56.50 182	P	P	13 06 08.8 +0.6
ASAR	comp=Z,3.5nm,0.7s,baz=12,slow=12,SNR=77		PcP	PcP	
ASAR	comp=Z,0.6nm,0.6s,baz=8.3,slow=13,SNR=4.3		S	S	13 06 54.7 -4.2
ASAR	comp=Z,0.6nm,0.9s,baz=16,slow=21,SNR=4.1		S	S	13 13 24.9 -0.3
ASAR	Alice Springs	56.50 182	P	P	13 06 08.9 +0.7
ASAR	Alice Springs	56.50 182	P	P	13 06 08.8 +0.6
ASAR	comp=Z,3.5nm,0.7s,baz=12,slow=12,SNR=77		S	S	13 13 24.9 -0.3
PALK	Pallekele	57.06 256	P	P	13 06 12.6 +0.2
PALK	comp=Z,4.1nm,0.4s,baz=8.3,slow=8.3,SNR=4.7		P	P	
PALK	Pallekele	57.06 256	P	P	13 06 12.4 0.0
PALK	comp=Z,1.9nm,1.1s		I	Amb	13 06 14.0
PALK	Pallekele	57.06 256	P	P	13 06 12.6 +0.2
INK	Inuvik	59.89 25	P	P	13 06 31.5 +0.8
INK	comp=Z,0.5nm,0.5s		P	P	
INK	Inuvik	59.89 25	P	P	13 06 31.5 +0.8
INK	comp=Z,0.5nm,0.5s		P	P	
A36M	Sachs Harbour	61.54 20	P	P	13 06 43.2 +1.7
GEYT	Alibeck	61.74 299	P	P	13 06 43.5 0.0
GEYT	comp=Z,3.2nm,0.7s,baz=337,slow=2.3,SNR=5.2		P	P	
GEYT	comp=Z,3.2nm,0.7s		P	P	
STKA	Alibeck	61.74 299	P	P	13 06 43.6 0.0
STKA	comp=Z,3.2nm,0.7s		P	P	
STKA	Stephens Creek	64.87 175	P	P	13 07 04.7 +1.1
ARCES	ARCESS Array B	66.03 339	P	P	13 07 10.1 -0.4
ARCES	comp=Z,1.1nm,0.5s		P	P	
ARCES	ARCESS Array B	66.03 339	P	P	13 07 10.1 -0.4
ARCES	comp=Z,1.1nm,0.5s		P	P	
YKA	Yellowknife Ar	69.42 28	P	P	13 07 31.2 -0.2
YKA	comp=Z,0.1nm,0.4s,baz=297,slow=6.9,SNR=3.0		P	P	
YKA	Yellowknife Ar	69.42 28	P	P	13 07 31.2 -0.2
YKA	comp=Z,0.1nm,0.4s		P	P	
KBZ	Khabaz	69.95 310	P	P	13 07 35.0 +0.1
KBZ	comp=Z,8.3nm,0.8s,baz=108,slow=4.2,SNR=11.1		P	P	
KBZ	comp=Z,8.3nm,0.8s		P	P	
KBZ	Khabaz	69.95 310	ceP	pmax	13 07 33.8 -1.1
KBZ	comp=Z,9.0nm,0.8s		pmax	pmax	
FINES	FINESS Array B	70.11 331	P	P	13 07 35.5 -0.1
FINES	comp=Z,1.3nm,0.4s,baz=74,slow=5.1,SNR=16		P	P	
FINES	FINESS Array B	70.11 331	P	P	13 07 35.5 -0.1
FINES	comp=Z,1.3nm,0.4s		P	P	
NB2	NORSAR Subarra	75.95 336	P	P	13 08 09.2 -0.2
NB2	comp=Z,1.0nm,0.6s,baz=46,slow=5.3		P	P	
NB2	NORSAR Array B	75.95 336	P	P	13 08 09.1 -1.3
NB2	comp=Z,1.9nm,0.7s		P	P	
NOA	NORSAR Array B	75.95 336	P	P	13 08 08.1 -1.3
NOA	comp=Z,1.9nm,0.7s		P	P	
BRTR	Keskin Array B	77.94 310	P	P	13 08 20.4 -0.5
BRTR	comp=Z,4.3nm,1.0s,baz=108,slow=4.0,SNR=6.6		P	P	
BRTR	Keskin Array B	77.94 310	P	P	13 08 20.7 -0.1
BRTR	comp=Z,4.3nm,1.0s		pmax	pmax	
BRTR	Keskin Array B	77.94 310	ceP	pmax	13 08 20.3 -0.5
BRTR	comp=Z,4.0nm,0.9s		pmax	pmax	
CLL	Collim	82.11 328	I	P	13 08 42.3 0.0
CLL	comp=Z,5.0nm,0.7s		P	P	13 08 42.3 0.0
CLL	Collim	82.11 328	I	P	13 08 42.3 0.0
CLL	comp=Z,5.0nm,0.7s		pmax	pmax	

DAIG	Los Arroyos	1.14 144	eP	Pn	13 02 04.2 -0.2
DAIG	comp=Z,1.1nm,0.7s		I	S	13 02 18.4 -0.7
DAIG	La Mica	1.14 154	I	S	13 02 04.5 -0.1
VNTA	VNTA	1.14 154	I	S	13 02 19.2 -0.3
AC2P	Acapulco	1.15 157	P	Pn	13 02 04.4 -0.3
AC2P	Acapulco	1.15 157	I	P	13 02 04.4 -0.3
AC2P	Acapulco	1.15 157	I	P	13 02 19.3 -0.2
UON	La Union	1.40 271	I	P	13 02 09.2 +1.2
UON	comp=Z,1.9nm,0.8s		I	S	13 02 23.4 -1.9
TOVM	TOLUCA	1.48 25	P	Pn	13 02 10.0 +0.6
TOVM	comp=Z,1.9nm,0.8s		S	S	13 02 09.8 0.0
TOVM	TOLUCA	1.48 25	I	P	13 02 10.0 +0.6
TOVM	comp=Z,1.9nm,0.8s		I	S	13 02 20.8 +0.2
YAIG	Yautepec	1.52 53	P	Pn	13 02 09.8 0.0
YAIG	comp=Z,1.9nm,0.8s		S	S	13 02 28.3 -0.3
YAIG	Yautepec	1.52 53	I	P	13 02 09.8 0.0
YAIG	comp=Z,1.9nm,0.8s		I	S	13 02 28.3 -0.3
AOVM	Tlapan	1.64 36	I	P	13 02 12.1 +0.4
AOVM	comp=Z,1.9nm,0.8s		eS	eS	13 02 28.2 -3.7
TLVM	San Miguel Top	1.69 42	eP	Pn	13 02 13.0 +0.7
TLVM	comp=Z,1.9nm,0.8s		I	S	13 02 34.5
CJVM	Cuajimalpa	1.73 35	eP	Pn	13 02 14.0 +1.3
CJVM	comp=Z,1.9nm,0.8s		eS	eS	13 02 32.5 -1.4
TLIG	Tlapi	1.74 102	Pn	Pn	13 02 11.9 -0.9
TLIG	comp=Z,1.9nm,0.8s		Sn	Sn	13 02 27.9 -6.0
TLIG	Tlapi	1.74 102	eP	Pn	13 02 13.7 +0.9
TLIG	comp=Z,1.9nm,0.8s		I	S	13 02 33.5 0.0
XCMV	Xochimilco	1.75 42	I	P	13 02 38.8 +0.8
XCMV	comp=Z,1.9nm,0.8s		S	S	13 02 34.9 +0.5
CNCV	Coyoacan	1.76 39	I	P	13 02 13.9 +0.8
CNCV	comp=Z,1.9nm,0.8s		I	S	13 02 30.7 -3.9
CUPS	Mexico City	1.77 39	I	P	13 02 14.2 +0.9
CUPS	comp=Z,1.9nm,0.8s		I	S	13 02 25.7 +0.9
CUIV	Ciudad Univers	1.77 39	I	P	13 02 14.4 +1.1
CUIV	comp=Z,1.9nm,0.8s		S	S	13 02 36.4 +1.5
UNM	Universidad Na	1.77 39	P	Pn	13 02 12.7 -0.5
UNM	comp=Z,1.9nm,0.8s		eP	eP	13 02 14.0 +0.7
UNM	Universidad Na	1.77 39	eP	Pn	13 02 14.4 +1.1
UNM	comp=Z,1.9nm,0.8s		eS	eS	13 02 36.4 +1.5
UNM	Universidad Na	1.77 39	eS	Pn	13 02 36.8 +1.9
MPVM	San Francisco	1.78 45	I	P	13 02 14.0 +0.6
MPVM	comp=Z,1.9nm,0.8s		eS	eS	13 02 35.5 +0.4
MGIG	Malinaltepec	1.78 113	P	Pn	13 02 14.2 +0.8
MGIG	comp=Z,1.9nm,0.8s		S	S	13 02 37.3 +2.3
MGIG	Malinaltepec	1.78 113	I	P	13 02 37.3 +2.3
MGIG	comp=Z,1.9nm,0.8s		S	S	13 02 37.3 +2.3
BOVM	Coyoacan	1.80 39	eS	Pn	13 02 38.3 +2.8
BOVM	comp=Z,1.9nm,0.8s		I	P	13 02 14.9 +1.1
BJVM	Bosque de Chap	1.81 36	I	P	13 02 30.9 -4.9
MHVM	Bosque de Chap	1.81 36	I	P	13 02 38.1 +0.2
MHVM	comp=Z,1.9nm,0.8s		I	S	13 02 36.5 +0.6
ATVM	ATLACOMULCO	1.87 15	eP	Pn	13 02 15.0 +0.3
ATVM	comp=Z,1.9nm,0.8s		eP	Pn	13 02 15.0 +0.3
ATVM	ATLACOMULCO	1.87 15	eP	Pn	13 02 32.2 -5.2
ATVM	comp=Z,1.9nm,0.8s		eS	eS	13 02 40.6 +3.2
YRVM	Mexico City	1.88 38	eS	Pn	13 02 25.7 +0.9
YRVM	comp=Z,1.9nm,0.8s		eP	eP	13 02 35.3
THVM	De Xico	1.88 44	I	P	13 02 15.5 +0.5
THVM	comp=Z,1.9nm,0.8s		S	S	13 02 33.2 -4.7
AMVM	AMECAMECA	1.90 51	I	P	13 02 16.4 +1.1
AMVM	comp=Z,1.9nm,0.8s		eP	eP	13 02 16.4 +1.1
AMVM	AMECAMECA	1.90 51	eP	Pn	13 02 15.5 +0.5
AMVM	comp=Z,1.9nm,0.8s		S	S	13 02 33.2 -4.7
MOIG	Morelia	1.90 335	Pn	Pn	13 02 16.4 +1.1
MOIG	comp=Z,1.9nm,0.8s		P	P	13 02 16.4 +1.1
MOIG	Morelia	1.90 335	eP	Pn	13 02 16.4 +1.1
MOIG	comp=Z,1.9nm,0.8s		S	S	13 02 36.6 +1.6
PBVM	Pinon	1.91 39	eP	Pn	13 02 15.4 +0.5
PBVM	comp=Z,1.9nm,0.8s		I	P	13 02 38.1 +0.2
PBVM	Pinon	1.91 39	I	P	13 02 15.4 +0.5
PBVM	comp=Z,1.9nm,0.8s		I	S	13 02 38.1 +0.2
GMVM	Gustavo A Made	1.94 37	I	P	13 02 16.2 +0.7
GMVM	comp=Z,1.9nm,0.8s		eS	eS	13 02 33.9 -5.1
GMVM	Gustavo A Made	1.94 37	eP	Pn	13 02 16.2 +0.7
GMVM	comp=Z,1.9nm,0.8s		eS	eS	13 02 33.9 -5.1
PTVM	Pico Tres Padr	2.02 35	P	Pn	13 02 16.9 +0.3
PTVM	comp=Z,1.9nm,0.8s		eP	eP	13 02 16.9 +0.3
PTVM	Pico Tres Padr	2.02 35	eP	Pn	13 02 16.9 +0.3
PTVM	comp=Z,1.9nm,0.8s		P	P	13 02 33.3

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Coldfoot, Melozitna Rive, TATA, Nishlik Lake, Indian Mountai, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AAE Adis Abeba, FURI, etc.

ETHIOPIA AAE 20 13:02:27.0±1.1, 8.99N-38.80E, h37km±11km, ML2.4, 1.1

INDONESIA IDC 20 13:17:35.5±4.5, 15.57S-174.14W, h111km, 23km, mb3.6/3, mbmp4.0/4, Error ellipse: s-maj=260.9km s-min=19.2km az=151.0

INDONESIA NEIC 20 13:17:35.5±1.8, 15.85S:0.1x174.1W:0.1, h100km, 5km, mb4.5/8, Error ellipse: s-maj=20.8km s-min=15.0km az=101.0

INDONESIA IDC 20 13:17:34.7±0.8, 15.85S:0.1x174.1W:0.1, h100km, n16, ±125/13, mb4.4/7, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AFI Afiamalu, NIUE Niue, RTZ Ruatahuna, etc.

INDONESIA IDC 20 13:34:40.1±1.0, 20.73N-145.01E, h0km, mb3.6/6, mbmp3.6/6, MS3.2/1, Error ellipse: s-maj=48.0km s-min=21.7km az=106.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H1S3 WAKE ISLAND HY 20.54, H1S1 WAKE ISLAND HY 20.55, etc.

INDONESIA ISK 20 13:56:38.3±3.9, 13N-28.21E, h5km, ML2.9/97 DDA 20 13:56:38.9±0.0, 39.13N-28.28E, h9km±4km, ML2.6

INDONESIA IDC 20 13:56:38.8±1.2, 39.12N:0.03-28.25E:0.02, h9km±13km, n48, c064/54, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like STEP BALIKESIR_Sava, SIMA Simav-Kutahya, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BKES, MAINT Manisa, KULA Kula-Manisa, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BILE, CAVUSKO, EZIN, YLVA, COMU, etc.

INDONESIA IDC 20 14:00:31.2±0.9, 2.23N-127.54E, h0km, mb4.0/7, mbmp4.0/7, Error ellipse: s-maj=49.2km s-min=15.9km az=69.0

INDONESIA NEIC 20 14:00:41.3±2.0, 2.22N:0.09-127.5E:0.1, h74km, 9km, mb4.4/20, Error ellipse: s-maj=16.8km s-min=13.0km az=78.0

INDONESIA DJA 20 14:00:41.0±0.7, 2.2N±4.7E, h31km, 9km, M4.1/1.1, mb4.2/5, mb5.4/1, MLV4.0/11, Mw(m)4.8/1

INDONESIA IDC 20 14:00:50.5±0.5, 2.26N:0.05-127.41E:0.09, h75km, n55, ±133/59, mb4.3/21, 1C, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TNTI Ternate, SGSI Sangihe, LBMI Labuha, etc.

INDONESIA FITZ Fitzroy Crossi, TWG Pinlang, YULB Yu-li, etc.

INDONESIA WRA Warramunga Arr, MBWA Marwale Bara, etc.

INDONESIA PSAAO Pilbara Seismi, AS31 Alice Springs, ASAR Alice Springs, etc.

INDONESIA ASAR Alice Springs, ASAR Alice Springs, etc.

INDONESIA ASAR Alice Springs, ASAR Alice Springs, etc.

INDONESIA ASAR Alice Springs, ASAR Alice Springs, etc.

INDONESIA ASAR Alice Springs, ASAR Alice Springs, etc.

INDONESIA ASAR Alice Springs, ASAR Alice Springs, etc.

INDONESIA ASAR Alice Springs, ASAR Alice Springs, etc.

INDONESIA ASAR Alice Springs, ASAR Alice Springs, etc.

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

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

INDONESIA MAN 20 14:35:23.4±5.5, 52N±125.29E, h32km, mb4.2, ML3.0, MS2.7, IDC 20 14:35:27.3±2.9, 5.65N-125.01E, h81km, 26km, mb3.1/4, mbmp3.4/4, Error ellipse: s-maj=42.5km s-min=18.6km az=79.0

INDONESIA ISC 20 14:35:24.5±1.7, 5.50N:0.1±125.1E:0.1, h48km, 16km, n11, ±208/17, mb3.4/5, 3C-2D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GSPH General Santos, KCP Kidapawan, DAV Davao City W, etc.

INDONESIA AZER 20 14:39:42.7±0.6, 38.73N:39.89E, h3km, Error ellipse: s-maj=20.8km s-min=6.3km az=10.0

INDONESIA IDC 20 14:39:44.6±0.6, 38.69N:39.78E, h0km, mb3.6/6, mbmp3.6/13, ML3.3/11, Error ellipse: s-maj=16.9km s-min=8.9km az=158.0

INDONESIA DDA 20 14:39:44.6±0.0, 38.62N:39.79E, h17km, MW4.0, ISK 20 14:39:44.6±0.6, 38.65N:39.80E, h6km, ML4.0/1, NEIC 20 14:39:46.1±1.3, 38.52N:0.09-39.79E:0.05, h9km, 9km, mb4.5/4, Error ellipse: s-maj=14.3km s-min=3.2km az=159.0

INDONESIA IDC 20 14:39:45.9±0.9, 38.63N:0.02-39.78E:0.02, h8km, 6km, n103, ±1540/144, mb4.6/13, MS3.1/7, 1D, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KOVA Elazig, KOVA Kovanc, Tunceli-Merkez, etc.

INDONESIA NARI Adyaman-Kaht, MAYA Malatya/Merkez, etc.

INDONESIA HANM antiurfa/Hi, ECAT Cat-ERZURUM, etc.

INDONESIA MUSM Mu-Merkez, BTM Batman, etc.

INDONESIA URFU Urfa, VRTB Varto-Mus, etc.

INDONESIA VRTB Varto-Mus, VRTB Varto-Mus, etc.

INDONESIA AKOD Akcadag, KOPT Kop Dag, etc.

INDONESIA KELIT Kelkit, SANL SANLIURFA_Merk, etc.

INDONESIA SANL SANLIURFA_Merk, EMRE Erzurum, etc.

INDONESIA MARDIN Mardin/Midyat, GURU Guroymak-BITLI, etc.

INDONESIA GURU Guroymak-BITLI, DAREY Aydinlepe-Bayb, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SURC SANLIURFA_SURC, SUSE Susehri, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KBZ, AKASG, GEC2, GERE5, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like T1217, T1218, T1219, etc.

ROM 20 16:38:40.3-0.1, 43.022N, 0.004-13.085E, 0.006, h7km, 1km, ML1.2/7, 2D, Error ellipse: s-maj=0.6km, s-min=0.1km az=240.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like FDMO, T1220, T1221, etc.

Table with columns: SSFR, TERO, Station Name, Azimuth, Power, Mode, Time, and Residual. Includes stations like comp=E,66µm,0.1s, Teramo, etc.

MAN 20 16:47:37.5, 13.87N, 120.57E, h8km, mb3.6, ML2.3, MS1.7, Mindoro

IDC 20 16:54:38.1-1.1, 38.04N, 120.75E, h0km, mb3.6/6, mbtmp3.6/10, ML3.5/4, MS3.4/2, Error ellipse: s-maj=27.7km s-min=16.5km az=22.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like SUJ, HJU, HUU, HUU, HUU, etc.

ROM 20 16:37:51.4-0.0, 42.734N, 0.004-13.036E, 0.002, h11km, ML1.3/9, 2C-3D, Error ellipse: s-maj=0.4km, s-min=0.2km az=164.0, Central Italy

IDC 20 17:02:41.6-1.5, 35.61N, 9.19W, h0km, mb3.4/2, mbtmp3.5/3, ML4.2/2, Error ellipse: s-maj=44.3km, s-min=30.0km az=54.0

CNRM 20 17:02:47.2, 35.51N, 8.90W, h90km, MDD 20 17:02:47.8, 0.4, 35.64N, 9.06W, h40km, 22km, mb, Lg3.8/29, Error ellipse: s-maj=3.0km s-min=2.6km az=69.0

LDG 20 17:02:48.8, 0.1, 35.67N, 9.00W, h30km, M4.0/5, Error ellipse: s-maj=2.5km s-min=2.2km az=40.0

SFS 20 17:02:48.1, 35.66N, 9.03W, h52km, ML4.0/19, ML4.1/14, ML3.5/19

INMG 20 17:02:49.5, 1.9, 35.68N, 8.98W, h31km, 7km, ML3.6, Error ellipse: s-maj=3.2km s-min=2.4km az=89.0

IGIL 20 17:02:49.1, 35.64N, 9.06W, h31km, ML4.0

ISC 20 17:02:46.2, 0.9, 35.67N, 0.04, 8.94W, 0.04, h51km, 15km, n143, e2832/246, 1C-14D, West of Gibraltar

PCVE	eS	Sn	17 03 44.2 +0.6	
PCVE	A	A	17 03 45.7	
comp=E,248nm,0.5s				
EGRO	2.20	32	Pn	17 03 46.7 +0.4
EGRO	2.20	32	Pn	17 03 22.5 +2.2
EGRO	2.20	32	Pn	17 03 22.2
EGRO	2.20	32	Pn	17 03 46.6 +0.4
EGRO				17 03 48.3
MESJ	2.24	15	eP	17 03 22.8 +2.0
MESJ			eS	17 03 47.9 +0.6
MESJ			A	17 04 02.5
comp=E,257nm,0.5s				
MESJ	2.24	15	eP	17 03 22.8 +2.0
MESJ			eS	17 03 47.6 +0.3
MESJ			IAML	17 03 49.5
comp=N,449nm,0.2s				
PNCL	2.46	8	eP	17 03 25.4 +1.6
PNCL			eS	17 03 52.6 0.0
PNCL			A	17 04 01.4
comp=N,239nm,0.3s				
PBEJ	2.51	20	eP	17 03 26.4 +2.0
PBEJ			eS	17 03 54.1 +0.3
PBEJ			A	17 03 54.5
comp=N,133nm,0.2s				
AVE	2.68	151	P	17 03 28.8 +2.0
AVE			S	17 03 30.9 +0.2
AVE	2.68	151	P	17 03 28.8 +2.0
AVE			S	17 03 31.1 -1.0
ESPR	2.77	63	Pn	17 03 30.2 +2.2
ESPR	2.77	63	Pn	17 03 30.2 +2.2
ESPR			S	17 04 00.6 +0.5
ESPR			/Vmb_Lg	
EMIN	2.78	40	Pn	17 03 30.0 +1.9
EMIN	2.78	40	Pn	17 03 30.0 +1.9
EMIN			S	17 03 59.8 -0.6
EMIN			/Vmb_Lg	
SMIR	2.90	89	P	17 03 33.0 +3.2
SMIR			S	17 03 38.4 +0.6
CEU	2.91	84	P	17 03 33.6 +3.6
ZHG	2.92	139	P	17 03 32.0 +1.8
ZHG			S	17 04 08.2 +4.2
ZHG			S	17 03 32.1 +1.9
ZHG			S	17 03 31.7 +1.9
ZHG			S	17 04 05.0 +0.8
ZHG			A	17 04 07.0
comp=N,94nm,0.1s				
EVO	2.95	14	P	17 03 32.2 +1.6
EVO			S	17 03 33.9 -1.0
EVO	2.95	14	eP	17 03 32.2 +1.6
EVO			eS	17 04 04.4 -0.4
EVO			A	17 04 05.9
comp=N,247nm,0.3s				
CHEFC	3.00	100	P	17 03 33.4 +2.1
CHEFC			S	17 04 07.6 +1.7
LIS	3.05	357	eS	17 04 06.2 -0.8
LIS			IAML	17 04 09.4
comp=E,604nm,0.2s				
PMAFR	3.29	355	P	17 03 37.2 +2.1
PMAFR			S	17 04 11.8 -1.3
PMAFR	3.29	355	eP	17 03 37.2 +2.1
PMAFR			eS	17 04 12.5 -0.6
PMAFR			A	17 04 14.7
comp=E,373nm,0.2s				
SRHM	3.31	165	P	17 03 36.8 +1.3
SICH	3.36	117	P	17 03 37.6 +1.4
PESTR	3.37	18	P	17 03 37.6 +1.3
PESTR	3.37	18	P	17 03 37.7 +1.4
PESTR			S	17 04 14.1 -1.0
PESTR	3.37	18	eS	17 03 37.7 +1.4
PESTR			eS	17 04 14.6 -0.4
PESTR			A	17 04 30.1
comp=E,58nm,0.6s				
PMTG	3.44	9	eP	17 03 39.0 +1.7
PMTG			eS	17 04 15.5 -1.3
PMTG			A	17 04 19.1
comp=E,71nm,0.3s				
EBAD	3.44	26	P	17 03 38.9 +1.6
EBAD	3.44	26	Pn	17 03 38.9 +1.6
EBAD			S	17 04 18.9 0.0
EBAD			/Vmb_Lg	
EMIJ	3.49	74	P	17 03 39.7 +1.8
EMIJ			S	17 04 18.3 +0.2
EMIJ	3.49	74	Pn	17 03 39.8 +1.8
EMIJ			S	17 04 18.4 +0.3
EMIJ			/Vmb_Lg	
ECAB	3.71	49	P	17 03 42.6 +1.7
ECAB			S	17 04 22.9 -0.5
ECAB	3.71	49	Pn	17 03 42.9 +1.9
ECAB			S	17 04 22.9 -0.5
ECAB			/Vmb_Lg	
IFR	3.81	123	P	17 04 25.4
PSBE	3.84	2	eP	17 03 45.0 +2.2
PSBE			eS	17 04 26.5 -0.1
PSBE			A	17 04 29.1
comp=E,90nm,1.0s				
LCRM	3.90	119	P	17 03 45.4 +1.7
PMRV	3.95	18	eP	17 03 46.0 +1.8
PMRV			eS	17 04 28.1 -1.2
PMRV			A	17 04 31.3
comp=E,123nm,0.3s				
PALE	4.11	95	P	17 03 48.6 +2.1
EGOR	4.16	68	P	17 03 50.1 +2.9
EGOR			S	17 04 34.5 0.0
EGOR	4.16	68	Pn	17 03 50.0 +2.9
EGOR			S	17 04 35.3 +0.8
EGOR			/Vmb_Lg	
EADA	4.29	53	P	17 03 51.1 +2.1
EADA	4.29	53	Pn	17 03 51.0 +2.1
EADA			S	17 04 37.4 -0.4
EADA			/Vmb_Lg	
AKLM	4.32	104	P	17 03 52.2 +2.8
AKLM			S	17 04 32.4 -6.2
PCBR	4.32	15	eP	17 03 51.2 +1.9
PCBR			eS	17 04 36.7 -1.7
PCBR			A	17 04 39.5
comp=E,260nm,0.4s				
PCAS	4.39	4	eP	17 03 52.3 +2.0
PCAS			eS	17 04 39.1 -1.0
PCAS			A	17 04 41.6
comp=E,87nm,0.3s				
MD31	4.45	128	P	17 03 52.6 +1.4
MD31			S	17 04 36.7 -5.0
ELGU	4.46	73	P	17 03 53.9 +2.0
ELGU	4.46	73	Pn	17 03 52.6 +1.4
ELGU			S	17 04 43.2 +1.3
ELGU			/Vmb_Lg	
OUK	4.54	168	P	17 03 54.0 +1.4
OUK			S	17 04 40.1 -4.2
COI	4.55	5	eP	17 03 54.7 +2.2
COI			eS	17 04 41.8 -2.2
COI			A	17 04 45.5
comp=E,58nm,0.2s				
MDT	4.58	127	Pn	17 03 54.6 +1.6
MDT			S	17 04 32.1 -2.9
MDT			S	17 04 42.7 -2.3
comp=E,42nm,0.3s,baz=302,slow=13,SNR=1003				
MDT	4.58	127	P	17 03 54.8 +1.8
MDT			S	17 04 40.1 -4.2
MDT			S	17 03 53.9 +2.0
MDT			S	17 04 48.6 +0.9
MDT			/Vmb_Lg	
MDT			A	17 04 55.2
MDT			A	17 03 58.3 +1.7
MDT			A	17 04 50.0 -1.5
MDT			A	17 04 52.6
comp=E,67nm,0.3s				
GOG	4.87	94	P	17 03 58.5 +1.5
GOG	4.94	26	Pn	17 03 59.4 +1.6
EPLA			S	17 03 59.5 -2.1
EPLA			/Vmb_Lg	
EBER	5.04	74	P	17 04 01.9 +2.6
EBER	5.04	74	Pn	17 04 01.6 +2.2
EBER			S	17 04 56.2 -0.1
EBER			/Vmb_Lg	
OUZ	5.09	158	P	17 04 00.2 +0.2
OUZ			S	17 04 54.4 -3.0
PVIS	5.11	9	eP	17 04 01.9 +1.8
PVIS			eS	17 04 56.5 -1.3
PVIS			A	17 04 59.1
comp=E,43nm,0.3s				
TTIG	5.12	175	P	17 03 58.1 -2.4
TTIG	5.17	139	P	17 04 01.2 +0.1

GOLM	5.17	64	S	17 04 57.8 -1.6
EQES			Pn	17 04 03.3 +2.2
EQES			S	17 04 59.0 -0.5
EQES			/Vmb_Lg	
PSIM	5.20	51	Pn	17 04 03.6 +2.2
PSIM			S	17 04 03.5 -1.5
PAB	5.32	42	Pn	17 04 05.0 +1.9
PAB	5.32	42	Pn	17 04 05.0 +1.9
PAB			/Vmb_Lg	
PAB			/Vmb_Lg	
JBK	5.40	102	P	17 04 04.7 +0.4
JBK			S	17 04 04.0 -0.5
TAF	5.41	97	P	17 04 04.4 +1.1
TAF			S	17 05 03.3 -2.0
TAF			S	17 04 06.6 +1.6
TAF			S	17 05 03.9 -2.7
TAF			A	17 05 05.8
comp=E,86nm,0.4s				
ESDC	5.62	43	Pn	17 04 08.6 +1.4
ESDC			S	17 05 08.2 -2.2
comp=E,1.1nm,0.3s,baz=232,slow=13,SNR=25				
ESDC	5.62	43	Pn	17 04 08.6 +1.4
ESDC			S	17 05 08.2 -2.2
comp=E,3.1nm,0.3s,baz=237,slow=22,SNR=12				
ESDC	5.62	43	Pn	17 04 09.1 +2.0
ESDC			S	17 05 07.1 -3.4
ESDC			S	17 04 08.2 +0.8
ESDC			S	17 04 07.9 -3.0
ESDC			S	17 04 09.7 +1.7
ESDC			eS	17 05 09.5 -2.4
ESDC			A	17 05 13.6
comp=E,64nm,0.1s				
MVO	5.69	15	eP	17 04 09.6 +1.5
MVO			eS	17 05 09.9 -2.2
MVO			A	17 05 14.3
comp=E,36nm,0.3s				
POLO	5.77	9	eP	17 04 10.8 +1.6
POLO			eS	17 05 12.8 +1.5
POLO			A	17 05 14.8
comp=E,23nm,0.5s				
ARF	5.78	136	P	17 04 09.6 +0.2
ARF			S	17 04 12.8 -1.8
ARF			S	17 04 09.7 +1.5
ARF			S	17 05 15.8 -1.9
ARF			S	17 04 14.9 +1.5
ARF			eS	17 05 19.8 -1.8
ARF			A	17 05 21.6
comp=E,35nm,0.4s				
ZGR	6.20	152	P	17 04 15.2 0.0
ZGR			S	17 05 21.2 -3.6
ZGR			S	17 04 17.8 +2.4
ZGR			S	17 05 23.2 -2.1
ZGR			/Vmb_Lg	
ZGR			S	17 05 27.5
ZGR			S	17 05 28.5 +0.9
ZGR			S	17 05 21.7 -3.7
ZGR			/Vmb_Lg	
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.4 +1.7
ZGR			/Vmb_Lg	
ZGR			S	17 05 23.5 -2.2
ZGR			/Vmb_Lg	
ZGR			S	17 05 26.3
ZGR			S	17 04 17.

Code	Station Name	Δ	AZ	Op	Phase	ID	ISC	Time	Res
Code	Station Name	Δ	AZ	Op	Phase	ID	ISC	Time	Res
T1241	comp=N,36μm,0.5s								
T1242	comp=E,35μm,0.6s								
T1122	Cascia, Frazio	0.22	210	↑P	S			18 40 38.9 +0.2	
								18 40 42.8 -0.4	
<p>JMA 20 18:50:05.7±0.1,24.6N±0.2,121.6E±0.4,h74km,MV3.5/15, TAIWAN REGION TAP 20 18:50:05.8,24.63N±121.55E,h77km,ML4.0,B IDC 20 18:50:15.9±13.0,24.64N±121.50E,h182km±137km, mb3.1/4,mbtmp3.6/4,MS3.1/1,Error ellipse: s-maj=122.1km s-min=24.0km az=65.0 ISC 20 18:50:05.5±0.2,24.66N±0.02±11.55E±0.02,h79km±4km, h190,c073/293,mb3.5/4,42C-41D,Taiwan</p>									
ENTT	Nioudou	0.03	142	↑P	Pn			18 50 17.3 +0.4	
ENTT	baz=79			iS				18 50 25.3 +0.1	
FUSB	Fushanzhiwuyua	0.11	19	↑P	Pn			18 50 17.2 +0.1	
FUSB	baz=1.0			iS				18 50 24.6 -0.9	
TWE	Neicheng	0.12	60	↑P	Pn			18 50 17.4 +0.5	
TWE	baz=55			iS				18 50 25.6 +0.2	
LATG	Datong	0.12	189	↑P	Pn			18 50 17.7 +0.5	
LATG	baz=194			iS				18 50 26.0 +0.4	
NWLT	Wulai	0.12	340	↑P	Pn			18 50 17.1 0.0	
NWLT	baz=350			S				18 50 24.6 -0.9	
NDS	Dongshan	0.15	100	↑P	Pn			18 50 17.5 +0.4	
NDS	baz=96			eS				18 50 25.4 -0.2	
YHNB	Yeheng	0.16	274	P	Pn			18 50 17.2 0.0	
YHNB	baz=290			Pn				18 50 17.1 0.0	
YHNB	S			S				18 50 25.3 -0.5	
NSK	Sanguang	0.17	275	↑P	Pn			18 50 17.2 0.0	
NSK	baz=283			eS				18 50 25.0 -0.8	
ILA	Ilan	0.21	60	eP	Pn			18 50 17.7 +0.5	
ILA	baz=61			eS				18 50 26.3 +0.4	
NNS	Nan Shan	0.27	216	↑P	Pn			18 50 18.3 +0.5	
NNS	baz=219			S				18 50 26.7 0.0	
NNSH	Datong	0.28	213	↑P	Pn			18 50 18.3 +0.5	
NNSH	baz=219			eS				18 50 26.5 -0.2	
NNSB	Datong	0.28	213	↑P	Pn			18 50 18.2 +0.5	
NNSB	baz=217			S				18 50 26.6 -0.1	
TWC	Suao	0.28	100	↑P	Pn			18 50 17.9 +0.3	
TWC	baz=95			S				18 50 26.7 +0.2	
ENA	Nanau	0.29	143	↑P	Pn			18 50 17.5 -0.2	
EWUT	Wuta	0.30	136	↑P	Pn			18 50 17.6 -0.1	
NHDH	Xindian Distri	0.30	356	↑P	Pn			18 50 17.9 +0.2	
NHDH	baz=355			iS				18 50 26.6 -0.2	
TATO	Taipei	0.32	350	P	Pn			18 50 17.9 0.0	
TATO	baz=357			S				18 50 26.3 -0.7	
NTC	Toucheng	0.32	53	eP	Pn			18 50 18.5 +0.7	
TWA	Mucha	0.32	6	↑P	Pn			18 50 18.1 +0.2	
TWA	baz=2.0			S				18 50 26.7 -0.3	
BACT	New Taipei Cit	0.35	344	↑P	Pn			18 50 18.3 +0.3	
BACT	baz=348			eS				18 50 27.6 +0.3	
NHY	Taipei	0.38	3	eP	Pn			18 50 18.5 +0.2	
NHY	baz=354			eS				18 50 27.6 0.0	
TAP1	Taipei	0.38	356	eP	Pn			18 50 19.4 +1.2	
TAP1	baz=359			eS				18 50 28.0 +0.4	
TAP	Taipei	0.38	354	↑P	Pn			18 50 18.5 +0.2	
TAP	baz=359			S				18 50 27.4 -0.2	
EGS	baz=53			0.39	62	P	Pn	18 50 19.1 +0.8	
NFF	Wufeng Townshi	0.39	266	↑P	Pn			18 50 18.5 +0.1	
NFF	baz=276			eS				18 50 27.3 -0.6	
TIPB	Shuangxi	0.40	39	↑P	Pn			18 50 18.8 +0.3	
TIPB	baz=31			eS				18 50 27.3 -0.7	
NJD	Taoyuan	0.41	326	↑P	Pn			18 50 18.9 +0.4	
NJD	baz=332			0.43	280	↑P	Pn	18 50 19.2 +0.6	
NCU	National Centr	0.45	313	↑P	Pn			18 50 19.2 +0.4	
NCU	baz=310			S				18 50 28.8 +0.2	
NCUH	Zhongli	0.45	313	↑P	Pn			18 50 19.2 +0.4	
ETLH	Xiulin Townshi	0.46	188	↑P	Pn			18 50 19.1 +0.1	
ETLH	baz=182			eS				18 50 29.0 +0.1	
TWS1	Kuangyinshan	0.46	345	↑P	Pn			18 50 19.3 +0.5	
TWS1	baz=338			iS				18 50 29.0 +0.3	
WFSB	Wu-fen Shan	0.46	27	↑P	Pn			18 50 19.2 +0.3	
WFSB	baz=20			S				18 50 28.5 -0.2	
NACB	Ninganchiao	0.48	175	P	Pn			18 50 18.5 -0.6	
NACB	baz=167			S				18 50 28.1 -1.0	
YMO1	YMO1	0.48	2	↑P	Pn			18 50 19.3 +0.2	
YMO1	baz=2.0			iS				18 50 28.8 -0.4	
LI0B	Emei	0.49	268	↑P	Pn			18 50 19.5 +0.4	
LI0B	baz=271			eS				18 50 29.0 -0.1	
FUSS	Fushou	0.50	214	↑P	Pn			18 50 20.3 +0.8	
FUSS	baz=213			eS				18 50 30.0 +0.3	
HSN1	Hsinchu	0.50	284	P	Pn			18 50 19.6 +0.5	
HSN1	baz=293			eS				18 50 29.6 +0.3	
NSTT	Nanjuang	0.50	267	↑P	Pn			18 50 19.5 +0.3	
NSTT	baz=269			iS				18 50 29.1 -0.2	
ETL	Fush Village	0.50	172	↑P	Pn			18 50 18.6 -0.7	
ETL	baz=164			Pn				18 50 19.6 +0.3	

Code	Station Name	Δ	AZ	Op	Phase	ID	ISC	Time	Res
NTST	baz=343			eS				18 50 29.8 +0.4	
SX11	Grass Mountain	0.52	34	↑P	Pn			18 50 19.7 +0.2	
SX11	baz=28			iS				18 50 28.8 -1.1	
ANP	Anpu	0.53	357	P	Pn			18 50 19.5 0.0	
YMO8	YMO8	0.53	4	eP	Pn			18 50 19.3 -0.2	
YMO8	baz=358			eS				18 50 28.7 -1.1	
SBCB	Hsinchu	0.53	285	↑P	Pn			18 50 19.9 +0.4	
SBCB	baz=293			S				18 50 30.0 +0.2	
TNOU	National Taiwa	0.53	23	↑P	Pn			18 50 19.6 +0.2	
TNOU	baz=22			iS				18 50 29.3 -0.4	
TWB1	Santiao Chiao	0.53	49	↑P	Pn			18 50 19.9 +0.5	
TWB1	baz=46			iS				18 50 29.3 -0.4	
TWT	Tachien	0.53	220	P	Pn			18 50 20.5 +0.8	
TWT	baz=229			S				18 50 31.0 +0.9	
TDCB	Techi	0.54	221	eP	Pn			18 50 20.5 +0.8	
TDCB	baz=230			S				18 50 30.3 +0.1	
HSN	Hsinchu	0.55	285	↑P	Pn			18 50 19.8 +0.2	
HSN	baz=298			S				18 50 29.9 -0.1	
NWRT	Kuosheng	0.55	11	eP	Pn			18 50 19.5 -0.1	
NWRT	baz=3.0			S				18 50 29.4 -0.7	
NHW	Xinwu Township	0.57	307	P	Pn			18 50 20.3 +0.5	
NHW	baz=302			S				18 50 30.8 +0.3	
WHF	Hehuan Shan	0.57	207	↑P	Pn			18 50 21.1 +0.7	
WHF	baz=202			eS				18 50 31.8 +0.5	
TWD	Chiawan	0.58	176	↑P	Pn			18 50 19.2 -0.7	
TWD	baz=166			S				18 50 29.5 -1.1	
TWY	Chenhua	0.61	4	↑P	Pn			18 50 20.6 +0.4	
TWY	baz=4.0			S				18 50 31.3 +0.1	
NJN	Zhunan	0.62	272	P	Pn			18 50 20.8 +0.6	
NJN	baz=274			eS				18 50 31.1 -0.2	
EOS2	EOS2	0.67	111	eP	Pn			18 50 22.4 +1.8	
WHP	Taichung City	0.67	235	↑P	Pn			18 50 21.6 +0.7	
WHP	baz=244			eS				18 50 32.2 -0.1	
WHA	Hwaiien	0.68	176	↑P	Pn			18 50 20.5 -0.4	
CHGB	Renai	0.69	210	↑P	Pn			18 50 22.1 +0.9	
CHGB	baz=211			S				18 50 33.3 +0.4	
ETM	Tongmen	0.69	184	↑P	Pn			18 50 20.3 -0.8	
ETM	baz=176			S				18 50 31.6 -1.0	
NMLH	Miaoili	0.70	260	↑P	Pn			18 50 21.6 +0.5	
NMLH	baz=261			eS				18 50 32.7 0.0	
NSY	Sanyi	0.76	251	↑P	Pn			18 50 22.5 +0.7	
NSY	baz=252			S				18 50 34.5 +0.6	
TWQ1	Liyutan	0.77	246	↑P	Pn			18 50 22.4 +0.5	
TWQ1	baz=247			S				18 50 33.9 -0.2	
WUSB	Renai	0.77	211	eP	Pn			18 50 22.7 +0.6	
WUSB	baz=211			S				18 50 34.6 +0.3	
OWD	Renai	0.78	206	eP	Pn			18 50 22.8 +0.6	
TEYL	Yanliu Villag	0.79	177	eP	Pn			18 50 21.3 -0.8	
EOS3	EOS3	0.79	118	eP	Pn			18 50 23.1 +1.2	
WCS	Beigang Elemen	0.83	224	↑P	Pn			18 50 23.3 +0.7	
WCS	baz=231			eS				18 50 35.7 +0.4	
WPL	Puli Township	0.84	220	eP	Pn			18 50 23.2 +0.6	
DPDB	Guoxing	0.84	222	↑P	Pn			18 50 23.5 +0.7	
ESL	Shilin	0.85	187	↑P	Pn			18 50 21.7 -1.1	
ESL	baz=180			eS				18 50 33.9 -1.7	
EOS4	EOS4	0.88							

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for HATERUMA JIMA, MASBIT, WDGJT, etc.

IDC 20 18:53:47.6:2.0, 43.28N:105.34W, h0km, mb2.6/1, mbmp3.0/4, ML3.1/3, Error ellipse: s-maj=37.8km s-min=10.0km az=152.0

NEIC 20 18:53:50.7:1.3, 43.58N:105.31W:0.0/4, h0km, 2km, ML3.4/77, Error ellipse: s-maj=7.4km s-min=3.0km az=42.0

ISC 20 18:53:50.2:0.8, 43.56N:105.38W:0.0/4, h0km, n69, o=94.67, Wyoming

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for RSSD, K2ZA, PHWY, RWWY, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for RDMU, E28A, CLMT, etc.

IDC 20 18:55:04.5:0.6, 32.48N:130.98E, h162km, 4km, mb3.3/8, mbmp3.7/10, Error ellipse: s-maj=17.9km s-min=12.3km az=72.0

JMA 20 18:55:05.8:0.1, 32.5N:131.1E:0.7, h159km, 1km, MV3.5/38, NORTHERN NIYAZIKI PREF

ISC 20 18:55:04.8:0.7, 32.48N:130.98E:0.0/6, h162km, 5km, n23, o=92.3/31, mb3.5/6, Kyushu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for JIU3, JIU4, JIU5, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for TRN, TRN, TRN, etc.

20d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like BURAR Bucovina Array, I23K Minto, YOIR Yukon River, etc.

2017 MAR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like GOMU comp=N,160nm,17.5s, IMJAR Matsushiro Arr, PZH PanZhihu, etc.

1200

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like RSSD Black Hills, RWVY Rawlins, N23A Boulder Array, etc.

TBP			iS	Sn	19 44 12.7 +0.8	
GUIM	Jordan	1.11 276f	eP	Pb	19 44 03.4 -0.7	
GUIM			eS	Pb	19 44 18.8 +0.2	
MSLP	Maasin	1.20 109f	iP	Pb	19 44 06.7 +0.7	
MSLP			iS	Pb	19 44 22.9 +2.1	
CNOP	Candoni, Negro	1.26 237f	iP	Pb	19 44 08.7 +0.8	
CNOP			iS	Pb	19 44 23.9 +1.1	
SNPH	Sibulan	1.26 202f	iP	Pb	19 44 07.5 +0.3	
SNPH			iS	Pb	19 44 25.9 +3.0	
LSIP	Lazi, Siquijor	1.38 183f	iP	Pb	19 44 09.3 +0.1	
LSIP			iS	Pb	19 44 18.1 -1.4	
RCP	Roxas	1.40 318f	iP	Pb	19 44 28.2 +1.8	
RCP			eS	Pb	19 44 26.8 -0.2	
KALP	Kalibo	1.77 311f	eP	Pb	19 44 13.0 -0.2	
MMPH	Masbate	1.83 357f	iP	Pb	19 44 15.9 -1.0	
MMPH			iS	Pb	19 44 40.2 +0.9	
IBAJ	Ibajay Aklan	1.99 311f	eP	Pb	19 44 18.1 -1.4	
CNP	Cataman	2.19 25f	eP	Pb	19 44 17.7 +0.7	
CNP			eS	Pb	19 44 54.7 +5.0	
CGP	Cagayan de Oro	2.27 155f	eP	Pb	19 44 21.2 +1.1	
CGP			eS	Pb	19 44 52.1 +0.1	
BUTP	Butuan	2.43 129f	eP	Pb	19 44 25.1 -2.1	
BUTP			eS	Pb	19 44 55.7 -1.1	
OTRP	Odiongan	2.47 318f	eP	Pb	19 44 25.1 -2.7	
OTRP			eS	Pb	19 44 56.3 -1.5	
GLSP	General Luna	2.49 107f	eP	Pb	19 44 25.5 -2.7	
GLSP			eS	Pb	19 44 59.5 +1.1	
PAGZ	Pagadian	2.67 187f	eP	Pb	19 44 26.7 -2.5	
PAGZ			eS	Pb	19 44 56.5 -1.1	
ENPP	El Nido	4.26 280f	eP	Pb	19 44 49.5 +2.0	
ENPP			eS	Pb	19 45 37.2 +0.7	
JNU	Nakatsue	23.44 15 LR		LR	19 58 42.2	
MTN	Chiang Mai Arr	25.22 291 P		P	19 49 01.2 +0.8	
MTN		24.35 162 P		Iamb	19 49 11.2	
CMAR	Chiang Mai Arr	25.22 291 P		P	19 49 09.5 +1.2	
CMAR		comp=Z,0.7nm,0.3s,baz=116,slow=10,SNR=2.0				
WB0	Warramunga Arr	31.88 161 P		P	19 50 07.5 -0.1	
WB0		comp=Z,0.7nm,0.3s		Iamb	19 50 31.3	
WRAB	Tennant Creek	32.02 161 P		P	19 50 05.9 -3.0	
WRA	Warramunga Arr	32.03 161 P		P	19 50 09.0 0.0	
WRA		comp=Z,0.7nm,0.6s,baz=342,slow=9.1,SNR=5.5		PcP		
WRA		comp=Z,0.4nm,0.8s,baz=351,slow=3.5,SNR=2.4		PcP	19 52 57.7 -0.9	
AS31	Alice Springs	35.41 164 P		P	19 50 39.0 +0.7	
AS31		comp=Z,2.0nm,0.6s		Iamb	19 50 40.5	
ASAR	Alice Springs	35.41 164 P		P	19 50 39.8 +1.4	
ASAR		comp=Z,4.3nm,0.6s,baz=116,slow=6.8,SNR=18				
ASAR	Alice Springs	35.41 164 P		P	19 50 38.8 +0.4	
SONM	Songino Arr	39.95 346 P		P	19 51 19.5 +2.8	
SONM		comp=Z,0.6nm,0.8s,baz=149,slow=8.5,SNR=3.0				
BBOO	Buckleboo	44.67 165 P		P	19 51 55.4 +0.3	
STKA	Stephens Creek	45.50 159 P		P	19 52 00.3 -1.4	
MK31	Makanchi Array	50.32 324 P		Iamb	19 52 38.8 -0.2	
MK31		comp=Z,2.4nm,1.4s		Iamb	19 52 49.2	
MKAR	Makanchi Array	50.32 324 P		P	19 52 41.0 +2.1	
MKAR		comp=Z,0.3nm,0.7s,baz=116,slow=8.9,SNR=1.7		PcP	19 53 58.3 +0.8	
MKAR		comp=Z,0.8nm,0.8s,baz=124,slow=4.1,SNR=4.0				
MKAR	Makanchi Array	50.32 324 P		P	19 52 38.8 -0.2	
PETK	Petrovavlovsk	50.48 326 P		P	19 52 39.2 -0.9	
YAK	Yakutsk	51.61 4 LR		LR	20 14 51.5	
ZALV	Zalesovo Beam	52.22 332 P		P	19 53 01.0 +0.6	
ZALV		comp=Z,0.4nm,0.5s,baz=126,slow=7.3,SNR=2.1				
ZALV	Zalesovo Beam	52.22 332 P		P	19 53 01.8 +1.4	
KURK	Kurchatov	54.45 326 P		P	19 53 11.2 +1.7	
KURB	Kurchatov Arra	54.55 326 P		P	19 53 10.9 +1.4	
KURB		comp=Z,1.2nm,0.6s,baz=128,slow=6.9,SNR=5.1				
KKAR	Karatay Array	56.29 315 P		P	19 53 24.8 +1.9	
ABKAR	Abkural array	65.05 320 P		P	19 54 22.4 -0.1	
PPTF	Pamatai, Papee	90.05 108 P		P	19 56 38.4 -4.3	
VNDA	Vanda	90.50 172 P		P	19 56 42.7 -0.7	
URBNA	Urbana	122.10 26 PKP		PKP	20 02 33.2	
OS2A	Adamsville	124.34 24 PKP		PKP	20 02 38.5 -3.0	
OS2A		comp=Z,1.2nm,0.6s		PKP	20 02 44.2 -2.2	
OS3A	New Philadelphia	124.46 23 PKP		PKP	20 02 44.2 -2.2	
V51A	Loudon	126.86 29 PKP		PKP	20 02 36.5	
VST1	Dark Hollow, R	127.49 23 PKP		PKP	20 02 47.6 -0.2	
RPN	Rapa Nui	127.53 116 PKP		PKP		

VLI			S	Sg	19 49 17.9 -0.5	
VLI	Veliai	0.85 128 P		Pg	19 49 07.0 -0.3	
VLI			S	AML	19 49 18.8 +0.4	
VLI			S	AML	19 49 25.1	
VLI		comp=N,7138um,0.7s		AML	19 49 28.6	
EPID	Epidavros	0.89 65 P		Pg	19 49 07.8 -0.1	
EPID			S	S	19 49 21.4 +1.4	
EPID	Epidavros	0.89 65 P		Pg	19 49 07.9 -0.1	
EPID	Thalero	0.91 29 P		Pg	19 49 07.7 -0.6	
EPID			S	S	19 49 21.9 -0.5	
THAL	Thalero	0.91 29 P		Pg	19 49 08.1 -0.2	
THAL			S	S	19 49 20.6 +0.1	
MNVA	Monemvasia	0.94 126 P		Pg	19 49 20.8 0.0	
MNVA			S	AML	19 49 21.2 +0.2	
MNVA		comp=N,3290um,0.5s		AML	19 49 31.2	
MNVA		comp=N,6899um,0.5s		AML	19 49 34.9	
LAKA	Lakka	0.99 354 P		Pg	19 49 09.4 -0.5	
LAKA			S	AML	19 49 24.6 -0.7	
LAKA		comp=N,6339um,0.4s		AML	19 49 26.8	
LAKA		comp=N,7628um,0.3s		AML	19 49 27.3	
LOUT	Loutraki	1.01 43 P		S	19 49 09.8 -0.5	
LOUT			S	Sg	19 49 25.3 +0.2	
LOUT	Loutraki	1.01 43 P		Pg	19 49 10.0 -0.3	
LOUT			S	AML	19 49 24.3 +0.7	
LOUT		comp=E,1876um,0.4s		AML	19 49 33.0	
LOUT		comp=N,1582um,0.9s		AML	19 49 33.8	
UPR	University Cam	1.06 347 P		Pn	19 49 11.3 -0.2	
UPR			S	Sn	19 49 28.5 +2.2	
YDRA	Hydra	1.09 84 P		Pb	19 49 11.7 +0.1	
YDRA			S	Sb	19 49 26.3 +0.5	
YDRA		comp=N,6937um,0.7s		AML	19 49 31.4	
YDRA		comp=N,9977um,0.5s		AML	19 49 32.6	
LTHK	Lithakia	1.11 295 P		Pg	19 49 11.9 -0.2	
LTHK			S	S	19 49 29.2 +1.9	
LTHK	Lithakia	1.11 295 P		Pg	19 49 11.8 -0.2	
LTHK			S	AML	19 49 27.3 0.0	
LTHK		comp=E,12603um,0.4s		AML	19 49 39.7	
LTHK		comp=N,12881um,0.4s		AML	19 49 40.8	
SERG	Sergoula	1.16 358 P		Pb	19 49 12.4 -0.5	
SERG			S	Pb	19 49 30.9 +2.1	
SERG	Sergoula	1.16 358 P		Pb	19 49 12.7 -0.2	
SERG			S	Sn	19 49 29.4 +0.6	
SERG		comp=N,4um,0.3s		AML	19 49 33.7	
SERG		comp=N,7090um,0.3s		AML	19 49 34.6	
SERG		comp=N,9514um,0.3s		AML	19 49 35.8	
EFF	Efpalio	1.19 353 P		Pb	19 49 12.6 -0.6	
EFF			S	S	19 49 32.2 +2.9	
EFF	Efpalio	1.19 353 P		Pn	19 49 13.2 0.0	
EFF			S	AML	19 49 29.9 +0.6	
EFF		comp=N,5514um,0.3s		AML	19 49 34.3	
EFF		comp=N,4430um,0.5s		AML	19 49 35.8	
KTHA	Kythira Island	1.25 142 P		Sb	19 49 14.3 +0.1	
KTHA			S	Sb	19 49 31.2 +0.7	
KTHA		comp=N,3um,0.7s		AML	19 49 33.7	
KTHA		comp=N,7435um,0.7s		AML	19 49 43.4	
KTHA		comp=N,5899um,0.7s		AML	19 49 44.0	
DLFA	Delphi	1.27 14 P		Pb	19 49 14.6 0.0	
DLFA			S	Sn	19 49 31.6 +0.2	
DLFA		comp=N,2202um,0.4s		AML	19 49 39.1	
DLFA		comp=N,3385um,0.5s		AML	19 49 42.1	
VILL	Villia	1.33 46 P		S	19 49 15.2 0.0	
VILL			S	Pg	19 49 33.6 +0.1	
VILL		comp=N,2um,0.6s		AML	19 49 15.5 -0.2	
VIL2	Platees	1.33 44 P		S	19 49 33.4 +0.3	
VIL2			S	AML	19 49 38.8	
VIL2		comp=E,6830um,0.6s		AML	19 49 43.0	
VIL2		comp=N,4426um,0.7s		AML	19 49 45.8 -0.3	
ANX	Ano Chora	1.35 354 P		Pb	19 49 15.8 -0.3	
ANX			S	Sg	19 49 34.2 -0.1	
ANX		comp=N,8770um,0.5s		AML	19 49 38.8	
ANX		comp=N,7436um,0.4s		AML	19 49 40.7	
PVO	Paravola	1.44 342 P		Pb	19 49 17.2 -0.3	
PVO	Athens Obsvra	1.47 360 P		Sg	19 49 17.7 +0.5	
PVO			S	Sg	19 49 38.2 0.0	
ATH	Athens Obsvra	1.47 60 P		S	19 49 17.9 +0.7	
ATH			S	AML	19 49 36.8 +0.5	
ATH		comp=N,3599um,0.5s		AML	19 49 43.6	
ATH		comp=N,2783um,1.1s		AML	19 49 45.9	
VLY	Voula,Athens	1.48 65 P		S	19 49 17.7 +0.5	
VLY			S	Pb	19 49 37.2 +0.3	
VLY		comp=N,5251um,0.4s		AML	19 49 43.9	
VLY		comp=N,5251um,0.4s		AML	19 49 44.3	
PSDA	Pessada-Kefalo	1.48 306 P		Pb	19 49 18.0 -0.3	
VLS	Valsamata	1.52 308 P		Pb	19 49 18.2 +0.4	
VLS			S	Sg	19 49 38.8 -1.3	
VLS		comp=N,1906um,0.6s		AML	19 49 48.1	
VLS		comp=N,1796um,0.6s		AML	19 49 48.2	
ATHU	Athens Unvers	1.52 61 P		Pn	19 49 18.4 +0.6	
ATHU			S	Sb	19 49 37.7 +0.2	
ATHU		comp=N,1396um,0.7s		AML	19 49 45.0	
ATHU		comp=N,685um,0.8s		AML	19 49 49.5	
LKR	Lokris	1.57 27 P		Pb	19 49 19.3 -0.5	
LKR			S	Sb	19 49 39.8 +0.2	
LKR		comp=N,2053um,0.5s		AML	19 49 48.4	
LKR		comp=N,4114um,0.8s		AML	19 49 49.3	
AXAR	Agios Charalam	1.58 16 P		Pb	19 49 19.6 -0.3	
AXAR			S	Sb	19 49 39.2 -0.7	
AXAR		comp=N,8163um,0.5s		AML	19 49 46.6	
AXAR		comp=N,6997um,0.6s		AML	19 49 50.2	
ATAL	Atalanti	1.61 26 P		Sb	19 49 20.2 -0.4	
ATAL			S	Pb	19 49 40.5 -0.4	
ATAL		comp=N,1722um,0.8s		AML	19 49 45.5	
ATAL		comp=N,1700um,0.5s		AML	19 49 48.1	
KEF4	Livadi, Kephali	1.67 308 P		Pb	19 49 20.7 -0.7	
ENVR	Ervritania	1.68 352 P		Pg	19 49 22.9 -0.1	
ENVR	Antikythira Is	1.68 145 P		S	19 49 21.5 +1.5	
ENVR			S	Sn	19 49 42.8 +1.3	
ENVR		comp=N,2um,0.9s		AML	19 49 20.2 +0.2	
ENVR		comp=N,4um,0.4s		AML	19 49 41.1 -0.4	
ENVR		comp=N,3316um,1.0s		AML	19 49 52.7	
ENVR		comp=N,3262um,0.8s		AML	19 49 54.3	
FSK	Fiskardo	1.72 315 P		Sg	19 49 20.8 +0.3	
FSK			S	Pg	19 49 46.6 +0.6	
FSK		comp=N,740nm,0.9s				

FSK	Fiskardo	1.72 315 P		Pb	19 49 22.2 -0.1	
FSK			S	S	19 49 42.6 +0.2	
FSK			S	AML	19 49 58.5	
FSK		comp=N,1966um,0.9s		AML	19 49 59.3	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HFS Hagfors, FINES Finesstray B, NB2 NORSAR Subarray, etc.

NOU 20:19:50.34,4,0.16S,177.19E,h0km,MLV3.5/6,Off E. Coast of N. Island, N.Z.
WEL 20:19:50.36,9.0,4,0.0S,3.17,17.7E,h186km,km,M3.2/18,ML3.5/18,MLV3.2/18,Error ellipse: s-maj=0.0km s-min=0.0km az=128.3,confirmed

ISC 20:19:50.37,1.1,0.0,40.16S,0.03,176.65E,0.03,h26km,6km,n82,0.986/88,North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRHZ Porangahau, WPHZ Waipukurua, PKXZ Pawanui, etc.

ISC 20:20:05.12,2.1,9.34,78N,138.32E,h0km,mb3.4/3,mbtmp3.4/3,Error ellipse: s-maj=64.0km s-min=21.7km az=86.0
JMA 20:20:05.15,1.0,2.35,6N,0.6,140.1E,0.8,h68km,2km,MV3.2/39,CENTRAL CHIBA PREF
JMA Felit J1 at CENTRAL CHIBA PREF
ISC 20:20:05.15,2.1,0.35,58N,0.04,140.09E,0.04,h71km,7km,n29,r1515.35,mb3.5/3,7D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCN Nagara, JCN Tokyo, JCN Tok, etc.

GOO2 Mina Guanaco 8.16 180 Pn Pn 21 05 47.3 -0.5
BBSD Serra de San D 8.52 93 eP Pn 21 04 52.7 -1.6
NNA Nana 8.65 304 P Pn 21 04 55.3 -0.7
NNA comp=E,69nm,0.3s,baz=138,slow=12,SNR=20
NNA comp=E,18nm,0.3s,baz=218,slow=20,SNR=3.2
NNA Nana 8.65 304 Pn Pn 21 04 55.5 -0.5
CZSB Cruzeiro do Su 9.69 341 eP Pn 21 05 08.8 -0.8
AC02 Maricopa Verde 9.83 178 Pn Pn 21 05 11.7 -0.7
VILB Vilhena 9.85 67 eP Pn 21 05 09.6 -2.1
VILB Vilhena 9.85 67 eP Pn 21 05 10.4 -1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAML Samuel, SAML Samuel, PTLB Pontes e Lacer, etc.

20d 21h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Boulder Array, Pinedale Array, and various meteorological stations.

IDD 201-03:13.8-0.4, 6.16S, 150.77E, h0km, mb4.5/18, mbmp4.5/19, ML3.9/1, MS3.7/25, Error ellipse: s-maj=14.7km s-min=10.2km az=109.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like Karavat (AS076), Rabul, and various meteorological stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like Coen, Coen, Coen, and various meteorological stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like QIS, QIS, QIS, and various meteorological stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like RMQ, RMQ, RMQ, and various meteorological stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like MTN, MTN, MTN, and various meteorological stations.

2017 MAR

Main table with columns: Station Name, Time, Res, and various codes. Includes stations like DZM, DZM, DZM, and various meteorological stations.

1204

Table with columns: Station Name, Time, Res, and various codes. Includes stations like XAN, XAN, XAN, and various meteorological stations.

20d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like WIAZ, MBAS, HAZ, etc.

IDC 20 21:17.40.0.0, 2.9, 23.80N, 124.97E, h0km, mb3.8/10, mbmp3.8/10, Error ellipse: s-maj=41.6km s-min=20.3km az=65.0

NEIC 20 21:17.39.1.1, 6.23, 5N.01, 125.08E, h0km, mb3.8/10, mb4.3/12, Error ellipse: s-maj=20.3km s-min=8.2km az=160.0

NIED 20 21:17.44.5, 23.81N, 124.93E, h58km, MW4.0, Moment Tensor Solution, s2, Moment tensor: Scale 10^15Nm; Mn=0.01; Mw=0.39; Mx=0.38; My=0.38; Mz=0.86; Mr=0.08; Fault plane solution: Ms1.020000x10^15 NP1: 0.282, 0.0000, 0.690, 0.0000, -1.22, 0.0000, -1.22, 0.0000, 0.68, 0.0000, -1.80, 0.0000

JMA 20 21:17.44.5, 23.81N, 124.93E, h58km, MV3.7/13, NEAR ISHIGAKI/JIMA ISLAND

ISC 20 21:17.41.1, 5.2388N, 0.04, 124.95E, 0.04, h13km, 9km, mb3.8/10, mb4.2/16, 3C-SD, Southwestern Ryukyu Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like JTJ, JTG, JIJ, etc.

IDC 20 21:20.31.0.2, 0.4, 0.9S, 151.60E, h0km, mb3.5/5, mbmp3.5/5, MS3.9/1, Error ellipse: s-maj=67.7km s-min=29.6km az=116.0

ISC 20 21:20.34.3, 1.9, 4.1S, 0.3, 151.6E, 0.4, h21km, n7, c0945/6, mb3.4/5, New Britain region

2017 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like HNR, WRA, ASAR, etc.

IDC 20 21:29.41.9, 23.0, 24.48S, 179.16E, h682km, 241km, mb2.9/4, mbmp4.1/4, Error ellipse: s-maj=185.0km s-min=101.2km az=88.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like CTA, STKA, ASAR, WRA, HFS, etc.

IDC 20 21:34.57.9, 1.0, 42.42N, 48.13E, h0km, mb3.3/4, mbmp3.4/11, ML2.9/7, MS3.5/1, Error ellipse: s-maj=14.7km s-min=8.6km az=157.0

MOS 20 21:34.58.0, 0.0, 42.19N, 48.12E, h10km, MPV4.0, AZER 20 21:34.58.6, 0.1, 42.10N, 48.07E, h4km, Error ellipse: s-maj=1.0km s-min=0.6km az=12.0

DRS 20 21:34.59.4, 0.0, 42.19N, 48.25E, h18km, NNC 20 21:35.00.7, 2.9, 42.29N, 48.99E, h0km, mb3.4, Error ellipse: s-maj=42.6km s-min=20.9km az=112.0

ISC 20 21:34.58.0, 1.0, 42.31N, 48.02, 48.27E, 0.02, h10km, 7km, n105, r160/180, mb3.3/4, 3C-7D, Caspian Sea

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like DRN, SGKR, KSMR, QZAR, etc.

1206

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like KANR, XNO, UNCR, etc.

20d 21h

ILSW	Ilwaco	83.70	13	P	P	21 47 54.6	-0.2	
ILSW	Ilwaco					21 47 55.6		
HOM	Homer	83.72	13	P	P	21 47 54.8	+0.2	
N18K	Kilae Creek	83.82	11	P	P	21 47 54.8	-0.4	
O20K	Slope Mountain	83.90	13	P	P	21 47 55.4	-0.3	
BRLK	Bradley Lake	83.98	14	P	P	21 47 56.0	0.0	
BRLK	Bradley Lake					21 47 57.3		
BRSE	Bradley Lake S	83.99	14	P	P	21 47 56.7	+0.7	
N19K	Bonanza Creek	84.20	12	P	P	21 47 56.4	-0.7	
N19K	Bonanza Creek	84.20	12	P	P	21 47 57.2	+0.1	
SVW2	Sparrevohn	84.27	11	P	P	21 47 57.2	-0.1	
MA2	Magadan	84.45	13	P	P	21 47 58.4	+0.1	
SEW	Seward	84.61	14	P	P	21 47 59.3	+0.3	
GSI	Gunungsitoli	84.65	273	P	P	21 48 01.9	+1.5	
SPCR	Spurr Chakacha	85.00	13	P	P	21 48 00.8	-0.2	
G19K	Gambell	85.04	3	P	P	21 48 01.9	+1.0	
M9BK	Big River Lodg	85.23	11	P	P	21 48 02.1	0.0	
L19K	White Mountain	85.41	11	P	I Amb	21 48 02.9	0.0	
L19K	White Mountain					21 48 04.7		
RC01	Rabbit Creek A	85.42	14	P	I Amb	21 48 03.1	+0.1	
RC01	Rabbit Creek A					21 48 04.2		
RC01	Rabbit Creek A	85.42	14	P	P	21 48 03.0	+0.1	
M20K	Styx River A	85.45	12	P	P	21 48 03.1	-0.1	
PWL	Port Wells	85.54	14	P	P	21 48 03.7	+0.1	
SUA	Susitna One	85.54	13	P	I Amb	21 48 03.7	0.0	
SUA	Susitna One					21 48 04.5		
SUA	Susitna One	85.54	13	P	P	21 48 03.8	+0.1	
HNS	HongShan	85.67	313	P	P	21 48 05.9	+1.2	
G08A	Pilot Rock	85.69	38	P	P	21 48 05.2	+0.4	
HEH	Heihe	85.72	329	P	P	21 48 05.3	+0.7	
HEH	Heihe					21 48 07.0		
HEH	Heihe					21 48 07.0		
CRAIG	Craig	85.76	24	P	P	21 48 05.7	+1.0	
SKT	Skwentna	85.85	12	P	I Amb	21 48 03.8	-1.2	
SKT	Skwentna					21 49 08.8		
SKT	Skwentna	85.85	12	P	P	21 48 04.5	-0.5	
L20K	Farewell, AK	85.86	11	P	P	21 48 04.8	-0.3	
TTA	Tatalina	85.91	10	P	P	21 48 06.2	+0.8	
KNK	Knik Glacier	86.00	14	P	I Amb	21 48 05.7	0.0	
KNK	Knik Glacier					21 48 07.0		
KNK	Knik Glacier	86.00	14	P	P	21 48 06.0	+0.2	
PMR	Palmer	86.01	14	P	P	21 48 06.1	+0.5	
BJI	Beijing	86.06	316	P	P	21 48 07.8	+1.3	
GHO	Glory Hole Cre	86.21	14	P	P	21 48 07.0	+0.2	
V35K	Ketchikan	86.24	25	P	P	21 48 06.9	0.0	
U33K	Whale Pass	86.25	24	P	P	21 48 07.0	0.0	
ANM	Nome	86.27	6	P	P	21 48 07.5	+0.6	
ANM	Nome	86.27	6	P	P	21 48 07.5	+0.6	
SML	Sawmill	86.38	14	P	P	21 48 07.7	+0.2	
CUT	Chulitna	86.49	13	P	P	21 48 08.5	+0.6	
M23K	Glacier View	86.50	14	P	P	21 48 08.3	+0.2	
GYA	Guiyang	86.53	300	P	P	21 48 10.6	+1.4	
GYA	Guiyang					21 48 11.1		
PPLA	Purkeypile	86.56	12	P	P	21 48 08.8	+0.4	
SCM	Sheep Creek Mo	86.63	14	P	P	21 48 09.2	+0.5	
SCM	Sheep Creek Mo	86.63	14	P	P	21 48 09.8	+0.2	
K20K	Teilda	86.63	11	P	P	21 48 07.4	-1.3	
K20K	Teilda	86.63	11	P	P	21 48 09.1	+0.4	
KLU	Klutina	86.66	15	P	P	21 48 09.1	+0.2	
KLU	Klutina	86.66	15	P	P	21 48 09.4	+0.5	
PNL	Peninsula	86.90	19	P	P	21 48 10.4	+0.4	
PINM	Pinnacle	87.00	18	P	P	21 48 10.8	+0.3	
TNA	Tin City	87.04	4	P	P	21 48 10.8	+0.3	
TNA	Tin City	87.04	4	P	P	21 48 10.9	+0.5	
CAST	Castle Rocks	87.05	12	P	I Amb	21 48 09.6	-1.1	
CAST	Castle Rocks					21 48 11.0		
CAST	Castle Rocks	87.05	12	P	P	21 48 09.8	-0.8	
SEY	Seymchan	87.08	347	P	P	21 48 11.1	+0.4	
N25K	Chitina, Valde	87.08	16	P	P	21 48 11.3	+0.4	
M24K	Tolsoma, Glenn	87.13	15	P	P	21 48 11.2	0.0	
TMUT	Trail Mountain	87.21	46	P	P	21 48 12.8	+0.4	
WAT1	Susitna Watana	87.23	13	P	P	21 48 11.5	0.0	
MCARA	McCarthy VSAT	87.30	16	P	P	21 48 12.4	+0.5	
LOGN	Logan Glacier	87.38	17	P	I Amb	21 48 13.0	+0.6	
LOGN	Logan Glacier					21 48 14.1		
HLID	Halley	87.39	41	P	P	21 48 14.0	+1.1	
KTH	Kantishna Hill	87.40	12	P	I Amb	21 48 11.3	-1.0	
KTH	Kantishna Hill					21 48 12.9		
CTG	Chitina, Glenn	87.40	17	P	P	21 48 13.3	+0.8	
TRF	Thorofare Moun	87.43	12	P	P	21 48 12.0	-0.6	
TRF	Thorofare Moun	87.43	12	P	P	21 48 12.1	-0.6	
CHUM	Lake Minchum	87.43	11	P	P	21 48 12.1	-0.2	
O28M	Mount Upton	87.57	18	P	P	21 48 13.2	-0.2	
HARP	HAARP	87.63	15	P	P	21 48 14.1	+0.8	
PLBC	Pleasant Camp	87.67	20	P	P	21 48 14.0	+0.4	
MNTX	Cornudas Mount	87.77	55	P	P	21 48 16.1	+1.3	
BPAW	Bear Paw Mtn.	87.88	12	P	P	21 48 14.3	-0.2	
MCK	McKinley	87.95	13	P	I Amb	21 48 14.3	-0.5	
MCK	McKinley					21 48 17.1		
MCK	McKinley	87.95	13	P	P	21 48 14.7	-0.2	
T35M	Bob Quinn	87.97	24	P	P	21 48 15.3	+0.2	
P30M	Million Dollar	88.01	19	P	P	21 48 15.7	+0.5	
PAX	Paxson	88.05	14	P	P	21 48 15.6	+0.2	

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TXAR	Lajitas Array	88.06	58	P	P	21 48 17.7	+1.4	
TXAR	Lajitas Array					21 50 25.1	+2.6	
YUK6	Steele Glacier	88.11	18	P	P	21 48 16.2	+0.3	
XAN	Xi'an	88.16	308	P	P	21 48 17.9	+1.3	
XAN	Xi'an					21 51 10.4	-6.3	
M26K	Nabesna, AK	88.16	16	P	I Amb	21 48 16.0	0.0	
M26K	Nabesna, AK					21 48 18.2		
M26K	Nabesna, AK	88.16	16	P	P	21 48 16.7	+0.8	
XLT	XiLinHaoTe	88.17	319	P	P	21 48 17.3	+0.8	
XLT	XiLinHaoTe					21 48 18.2		
M26K	Nabesna, AK	88.16	16	P	I Amb	21 48 16.7	+0.8	
XLT	XiLinHaoTe	88.17	319	P	P	21 48 17.3	+0.8	
XLT	XiLinHaoTe					21 48 18.2		
YUK6	Outpost Mounta	88.23	18	P	P	21 48 16.5	0.0	
S34M	Telegraph Cree	88.31	23	P	P	21 48 18.1	+1.5	
YUK3	Moose Creek	88.31	17	P	P	21 48 17.4	+0.6	
HYT	Haines Junctio	88.40	19	P	P	21 48 17.7	+0.6	
M27K	Edge Creek, AK	88.42	16	P	P	21 48 18.3	+1.1	
ANMO	Albuquerque	88.44	51	P	P	21 48 18.8	+0.8	
YUK4	Talbot Arm	88.47	18	P	P	21 48 18.9	+1.3	
L26K	Log Cabin Wild	88.60	15	P	P	21 48 18.4	+0.5	
P32M	Atlin	88.65	21	P	P	21 48 19.3	+1.1	
Q32M	Nakina River	88.67	22	P	P	21 48 20.0	+1.4	
I21K	Tanana	88.68	11	P	P	21 48 18.5	+0.3	
NEA2	Nenana	88.69	12	P	P	21 48 17.2	-1.0	
NEA2	Nenana	88.69	12	P	P	21 48 17.6	-0.6	
K24K	Donnelly Dome	88.70	14	P	P	21 48 18.5	+0.2	
BVCY	Beaver Creek	88.73	17	P	P	21 48 19.4	+0.8	
MLY	Manley	88.77	11	P	I Amb	21 48 18.1	-0.5	
MLY	Manley					21 48 18.9		
MLY	Manley	88.77	11	P	P	21 48 18.2	-0.5	
WRH	Wood River Hill	88.78	13	P	I Amb	21 48 18.6	0.0	
WRH	Wood River Hill					21 48 19.5		
O30N	Mendenhall	88.78	19	P	P	21 48 19.8	+0.9	
RIDG	Independent Ri	88.85	14	P	I Amb	21 48 18.8	-0.3	
RIDG	Independent Ri					21 48 20.5		
RIDG	Independent Ri	88.85	14	P	P	21 48 18.9	-0.2	
DOT	Dot Lake	88.96	15	P	I Amb	21 48 20.0	+0.4	
DOT	Dot Lake					21 48 20.9		
HDA	Harding Lake	88.97	13	P	P	21 48 19.6	+0.1	
H21K	Melozitna Rive	88.97	10	P	P	21 48 20.0	+0.4	
CCB	Clear Creek Bu	89.00	13	P	I Amb	21 48 19.6	0.0	
CCB	Clear Creek Bu					21 48 20.2		
L27K	Beaver Creek,	89.01	16	P	P	21 48 18.9	-0.9	
L27K	Beaver Creek,	89.01	16	P	P	21 48 20.6	+0.7	
N30M	Aishik Lake	89.02	19	P	P	21 48 20.5	+0.6	
IMAR	Indian Mountai	89.12	10	P	P	21 48 20.4	+0.3	
I23K	Minto, Yukon-K	89.13	12	P	I Amb	21 48 20.1	-0.1	
I23K	Minto, Yukon-K					21 48 20.9		
PLCA	Paso Flores	89.14	134	P	P	21 48 22.8	+1.6	
PLCA	Paso Flores					21 48 25.4		
KMI	Kunming	89.18	297	P	P	21 48 24.0	+2.3	
KMI	Kunming					21 48 25.7		
TCOL	UAF Yank	89.19	13	P	P	21 48 20.8	+0.3	
MDM	Murphy Dome	89.19	12	P	I Amb	21 48 20.2	-0.4	

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MLA1 Latheron, AKASG Malin Array Be, and various other stations in the 1209 MHz band.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SURR Surduc, ROTZ Rotzenmuhle, and various other stations in the 2017 MHz band.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AQU L'Aquila, AQU Intro, and various other stations in the 20d 22h MHz band.

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like T42A, Y22D, CPCT, CLTN, SDDR, etc.

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like SFIN, BAUV, Q52A, PDMCI, P51A, etc.

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like PD31, PDAR, PDAR, PDAR, etc.

20d 22h

Table with columns: DLBC, Dease Lake, 51.06 337, LR, LR, 23 15 46.8, etc. Lists various locations and their associated data points.

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Table with columns: PAX, Paxon, 59.84 336, P, P, 22 51 17.5, etc. Lists various locations and their associated data points.

1212

Table with columns: P18K, Big Mountain, 62.74 330, P, P, 22 51 35.1 +0.2, etc. Lists various locations and their associated data points.

BKZ	Black Stump Fm	8.11 210	P	Sn	23 46 05.1 -2.1
BKZ	Black Stump Fm	8.11 210	P	Sn	23 46 02.8 -4.4
MCHZ	McNeill Hill	8.26 208	P	Sn	23 44 36.7 -0.8
MCHZ	McNeill Hill	8.26 208	P	Sn	23 46 08.5 -2.4
MCHZ	McNeill Hill	8.26 208	P	Sn	23 46 08.4 -2.4
CKHZ	Cape Knapper	8.35 209	P	Sn	23 46 07.9 -4.0
KWHZ	Kaweka Forest	8.35 209	P	Sn	23 44 38.3 -0.6
KWHZ	Kaweka Forest	8.35 209	P	Sn	23 46 09.7 -3.5
NTVZ	North Tongariri	8.42 214	P	Pn	23 44 40.6 +0.7
TMVZ	Te Maari	8.42 214	P	Pn	23 44 40.2 +0.4
OTVZ	Oturere	8.47 214	P	Pn	23 44 40.6 -0.1
K4HZ	Kahurangi	8.56 211	P	Sn	23 44 11.7 -4.7
BHHZ	Black Hill Sta	8.56 211	P	Pn	23 44 41.4 -0.3
MOVZ	Moawhango	8.63 212	P	Sn	23 46 15.1 -5.0
WNVZ	Whianhioa	8.64 213	P	Sn	23 46 18.5 -1.9
PKZ	Pawauhi	8.70 205	P	Sn	23 46 14.1 -7.7
BFZ	Birch Farm	9.05 206	P	Sn	23 44 52.8 -0.7
BFZ	Birch Farm	9.05 206	P	Sn	23 44 52.2 -2.4
MRNZ	Matariki Terra	11.61 216	Pn	Pn	23 45 21.7 -1.7
GVZ	Greta Valley S	12.72 210	Pn	Pn	23 45 36.8 -1.8
MOZ	McQueen's Vall	13.48 209	Pn	Pn	23 45 47.6 -1.3
RPZ	Rata Peaks	14.19 213	Pn	Pn	23 45 52.2 -6.5
RPZ	Rata Peaks	14.19 213	Pn	Pn	0.4mm,0.3s,baz=43,slow=19,SNR=1.4
RPZ	Rata Peaks	14.19 213	Pn	Pn	0.8mm,0.3s,baz=98,slow=16,SNR=2.0
FOZ	Fox Glacier	14.65 216	Pn	Pn	23 46 06.3 +1.3
ODZ	Otagua Downs	15.41 211	Iamb	Iamb	23 46 14.8 -0.3
ODZ	Otagua Downs	15.41 211	Iamb	Iamb	23 46 26.5
WKZ	Wanaka	15.99 215	P	P	23 46 26.3 +0.1
MLZ	Mavora Lakes	16.82 215	Pn	Pn	23 46 32.0 -1.2
DZM	Mont Dzumac	16.93 303	eLR	eLR	23 50 48.2
DZM	Mont Dzumac	16.93 303	Pn	Pn	comp=Z,490nm,22.4s
DZM	Mont Dzumac	16.93 303	Pn	Pn	23 46 33.1 -1.8
DZM	Mont Dzumac	16.93 303	LR	LR	comp=Z,690nm,18.6s,baz=206,slow=34
DZM	Mont Dzumac	16.93 303	LR	LR	comp=Z,5.9nm,0.9s
RAR	Rarotonga	19.82 61	LR	LR	23 55 19.2
EIDS	Eidsvoird	22.64 276	Iamb	Iamb	comp=Z,232nm,18.4s,baz=232,slow=38
EIDS	Eidsvoird	22.64 276	Iamb	Iamb	23 48 28.0 +2.4
EIDS	Eidsvoird	22.64 276	Iamb	Iamb	23 48 31.0
PPT2	Papeete2	29.73 68	eLR	LR	comp=Z,7.1nm,0.8s
PPT2	Papeete2	29.73 68	eLR	LR	23 56 10.7
PPT2	Papeete2	29.73 68	eLR	LR	comp=Z,139nm,23.2s
PPT	Papeete	29.74 67	LR	LR	comp=Z,110nm,21.0s
STKA	Stevens Creek	33.87 260	P	P	comp=Z,170nm,18.4s,baz=188,slow=35
STKA	Stevens Creek	33.87 260	P	P	23 49 20.0 -0.5
STKA	Stevens Creek	33.87 260	P	P	comp=Z,3.4nm,1.0s,baz=129,slow=8,SNR=3.2
CTA	Charters Tower	33.90 282	LR	LR	comp=Z,278nm,18.0s,baz=49,slow=36
CTA	Charters Tower	33.90 282	LR	LR	comp=Z,3.4nm,1.0s
CTA	Charters Tower	33.90 282	P	P	comp=Z,157nm,18.1s,baz=120,slow=34
CTA	Charters Tower	33.90 282	Iamb	Iamb	23 49 24.1 +3.2
CTA	Charters Tower	33.90 282	Iamb	Iamb	23 49 25.7
BBOO	Buckleboe	38.27 257	P	P	comp=Z,5.42nm,0.0s
BBOO	Buckleboe	38.27 257	P	P	23 49 59.2 +1.0
BBOO	Buckleboe	38.27 257	Iamb	Iamb	23 50 04.5
PMG	Port Moresby	39.21 298	LR	LR	comp=Z,6.3nm,0.9s
PMG	Port Moresby	39.21 298	LR	LR	comp=Z,156nm,18.4s,baz=259,slow=32
COEN	Coen	39.58 288	P	P	23 50 11.1 +1.8
COEN	Coen	39.58 288	Iamb	Iamb	23 50 28.2
TAOE	Nuku Hiva Isla	42.28 65	eLR	LR	comp=Z,7.2nm,1.1s
TAOE	Nuku Hiva Isla	42.28 65	eLR	LR	comp=Z,4.7nm,22.5s
AS31	Alice Springs	42.80 269	P	P	23 50 35.9 +0.1
ASAR	Alice Springs	42.80 269	P	P	23 50 37.2 +1.4
ASAR	Alice Springs	42.80 269	LR	LR	comp=Z,7.1nm,0.8s,baz=113,slow=7.9,SNR=35
ASAR	Alice Springs	42.80 269	LR	LR	comp=Z,83nm,18.2s,baz=49,slow=33
ASAR	Alice Springs	42.80 269	P	P	comp=Z,7.1nm,0.8s
ASAR	Alice Springs	42.80 269	P	P	23 50 37.0 +1.2
WB2	Warramunga Arr	43.95 274	Iamb	Iamb	23 50 46.7 +1.6
WB2	Warramunga Arr	43.95 274	Iamb	Iamb	23 50 60.0
WRA	Warramunga Arr	43.96 274	P	P	comp=Z,12nm,0.9s
WRA	Warramunga Arr	43.96 274	LR	LR	comp=Z,4.1nm,0.4s,baz=112,slow=8.0,SNR=80
WRA	Warramunga Arr	43.96 274	LR	LR	23 50 46.5 +1.3
WRA	Warramunga Arr	43.96 274	P	P	comp=Z,138nm,18.2s,baz=152,slow=36
WRA	Warramunga Arr	43.96 274	P	P	comp=Z,4.1nm,0.4s
WRA	Warramunga Arr	43.96 274	P	P	23 50 46.6 +1.4
WRA	Warramunga Arr	43.96 274	P	P	23 50 47.0 +1.6
FORT	Forrest	45.37 257	P	P	23 50 57.2 +0.9
SBA	Scott Base	46.32 100	P	P	23 51 00.2 +1.5
VNDA	Vanda	46.24 186	P	P	23 51 02.9 +0.3
VNDA	Vanda	46.24 186	Iamb	Iamb	23 51 04.6
MTN	Manton Dam	50.05 281	P	P	comp=Z,4.5nm,1.1s
MTN	Manton Dam	50.05 281	Iamb	Iamb	23 51 34.0 +1.1
MTN	Manton Dam	50.05 281	Iamb	Iamb	23 51 39.3
KNRA	Kunururra	50.63 276	P	P	comp=Z,7.5nm,0.8s
KNRA	Kunururra	50.63 276	Iamb	Iamb	23 51 37.7 +0.5
KNRA	Kunururra	50.63 276	Iamb	Iamb	23 51 41.0
QSPA	South Pole Qui	57.87 180	P	P	comp=Z,8.1nm,0.9s
QSPA	South Pole Qui	57.87 180	P	P	23 52 31.0 +1.5
QSPA	South Pole Qui	57.87 180	LR	LR	comp=Z,1.4nm,0.7s,baz=56,slow=1.3,SNR=7.0
QSPA	South Pole Qui	57.87 180	LR	LR	comp=Z,158nm,18.8s,baz=343,slow=34
QSPA	South Pole Qui	57.87 180	LR	LR	comp=Z,1.4nm,0.7s
QSPA	South Pole Qui	57.87 180	LR	LR	23 52 31.6 +1.2
RPN	Rapa Nui	59.20 104	P	P	comp=Z,78nm,18.7s,baz=50,slow=32
BELA	Belgrano 2	68.00 172	P	P	comp=Z,78nm,18.7s,baz=50,slow=32
BELA	Belgrano 2	68.00 172	Iamb	Iamb	23 53 35.8 -0.7
BELA	Belgrano 2	68.00 172	Iamb	Iamb	23 53 54.9
SNA	Snae	73.22 179	P	P	comp=Z,3.6nm,0.8s
VNA3	Neumayer Olymp	76.49 176	P	P	23 54 28.4 +2.0
VNA3	Neumayer-Watz	76.49 176	P	P	23 54 27.7 +0.4
VNA3	Neumayer-Watz	76.49 176	P	P	23 54 31.0 +1.2
H03N3	Juan Fernandez	79.86 123	T	T	comp=Z,196,slow=9.0
H03N3	Juan Fernandez	79.86 123	T	T	23 51 02.7
H03N2	Juan Fernandez	79.86 123	T	T	23 51 22.9
H03N1	Juan Fernandez	79.87 123	T	T	23 51 12.8
ASAJ	Asahikawa	83.96 333	LR	LR	comp=Z,94nm,14.0s
ASAJ	Asahikawa	83.96 333	LR	LR	23 48 06.1 +2.5
KSR5	Korea Sea	85.53 320	LR	LR	comp=Z,0.9nm,0.3s,baz=333,slow=4.5,SNR=1.5
KSR5	Korea Sea	85.53 320	LR	LR	23 50 54.0
YBH	Yreka Blue Hr	89.63 38	LR	LR	comp=Z,2.7nm,1.9s,baz=100,slow=34
YBH	Yreka Blue Hr	89.63 38	LR	LR	23 47 26.8
NVAR	Mina Ray Baa	89.79 243	P	P	comp=Z,52nm,20.5s,baz=202,slow=30
NVAR	Mina Ray Baa	89.79 243	P	P	23 55 37.5 +1.1
NVAR	Mina Ray Baa	89.79 243	P	P	comp=Z,0.5nm,0.6s,baz=202,slow=1.0,SNR=3.1
NVAR	Mina Ray Baa	89.79 243	P	P	comp=Z,0.5nm,0.6s
KLR	Kul dur	92.50 330	LR	LR	comp=Z,31nm,19.6s,baz=236,slow=33
KLR	Kul dur	92.50 330	LR	LR	23 53 25.4
NNA	Nana	93.15 106	LR	LR	comp=Z,67nm,18.0s,baz=242,slow=31
NNA	Nana	93.15 106	LR	LR	23 50 29.3
LVC	Limon Verde	93.26 119	LR	LR	comp=Z,43nm,18.3s,baz=202,slow=31
LVC	Limon Verde	93.26 119	LR	LR	23 51 11.7
TXAR	Lajitas Array	93.58 58	P	P	comp=Z,0.4nm,1.0s,baz=213,slow=8.1,SNR=3.9
TXAR	Lajitas Array	93.58 58	P	P	23 55 55.0 +0.7
BBB	Bella Bella	94.83 28	LR	LR	comp=Z,4.8nm,18.2s,baz=90,slow=34
BBB	Bella Bella	94.83 28	LR	LR	23 54 22.6
MA2	Magadan	95.00 345	LR	LR	comp=Z,26nm,18.2s,baz=90,slow=34
MA2	Magadan	95.00 345	LR	LR	23 50 07.8
PDAR	Pinedale Array	97.63 44	LR	LR	comp=Z,35nm,18.7s,baz=276,slow=32
PDAR	Pinedale Array	97.63 44	LR	LR	23 50 39.7
PKAR	McKean Array	118.76 309	PKP	PKP	comp=Z,35nm,18.7s,baz=276,slow=32
PKAR	McKean Array	118.76 309	PKP	PKP	23 50 25.1 -0.7
KURBB	Kurchatov Arr	122.17 313	PKP	PKP	comp=Z,0.6nm,0.9s,baz=64,slow=2.8,SNR=5.5
KURBB	Kurchatov Arr	122.17 313	PKP	PKP	01 01 31.2 -1.1
AAK	Ala-Archa	122.92 303	PKP	PKP	comp=Z,1.4nm,1.0s,baz=109,slow=2.0,SNR=1.0
AAK	Ala-Archa	122.92 303	PKP	PKP	01 01 34.1 -0.1
BVAR	Borovoye Array	127.54 315	PKP	PKP	comp=Z,0.5nm,0.6s,baz=202,slow=7.0,SNR=9.9
BVAR	Borovoye Array	127.54 315	PKP	PKP	01 01 42.8 +0.3
AKTO	Aktuybinsk	135.14 311	PKP	PKP	comp=Z,0.8nm,0.4s,baz=74,slow=1.6,SNR=4.5
AKTO	Aktuybinsk	135.14 311	PKP	PKP	01 01 57.6 +0.7
ARCES	ARCES Array B	140.33 347	PKHP	PKHP	comp=Z,2.0nm,0.8s,baz=161,slow=7.4,SNR=6.7
ARCES	ARCES Array B	140.33 347	PKHP	PKHP	01 02 02.2
KBZ	Khabaz	145.90 302	PKPbc	PKPbc	comp=Z,4.1nm,0.9s,baz=67,slow=2.3,SNR=2.0
KBZ	Khabaz	145.90 302	PKPbc	PKPbc	01 02 17.6 +0.5
FINES	FINES Array B	146.78 339	PKPbc	PKPbc	comp=Z,8.1nm,0.8s,baz=47,slow=4.6,SNR=2.0
FINES	FINES Array B	146.78 339	PKPbc	PKPbc	01 02 20.0 +0.8
NB2	NORSAR Subarra	150.53 351	PKP	PKP	comp=Z,2.8,1nm,0.8s,baz=47,slow=4.6,SNR=2.0
NB2	NORSAR Subarra	150.53 351	PKP	PKP	01 02 30.7 +1.0
NOA	NORSAR Array B	151.59 351	PKPbc	PKPbc	comp=Z,1.5nm,2.0s,baz=17,slow=2.6
NOA	NORSAR Array B	151.59 351	PKPbc	PKPbc	01 02 28.3 -0.7
EIL	Eilat	151.44 274	PKPbc	PKPbc	comp=Z,1.3nm,0.6s,baz=115,slow=4.1,SNR=4.1
EIL	Eilat	151.44 274	PKPbc	PKPbc	01 02 32.6 0.0
MMAI	Mount Meron Ar	151.89 281	PKPbc	PKPbc	comp=Z,1.1nm,0.9s,baz=75,slow=2.0,SNR=9.5
MMAI	Mount Meron Ar	151.89 281	PKPbc	PKPbc	01 02 33.9 +0.8
MMAI	Mount Meron Ar	151.89 281	PKPbc	PKPbc	comp=Z,1.3nm,0.9s,baz=66,slow=3.6,SNR=7.9

AKASG	Malin Array Be	152.59 320	PKPbc	PKPbc	01 02 33.8 -0.2
AKASG	Malin Array Be	152.59 320	PKPbc	PKPbc	comp=Z,1.1nm,0.6s,baz=44,slow=1.9,SNR=7.2
BRTR	Keskin Array B	153.21 295	PKPbc	PKPbc	01 02 36.0 +0.1
BRTR	Keskin Array B	153.21 295	PKPbc	PKPbc	comp=Z,1.5nm,0.7s,baz=172,slow=2.5,SNR=7.1
TORD	Torodi Arr Baa	160.33 303	PKPab	PKPab	01 03 22.4 +1.0
TORD	Torodi Arr Baa	160.33 303	PKPab	PKPab	comp=Z,1.3nm,1.1s,baz=163,slow=4.0,SNR=7.6
GERES	GERES Array B	161.12 335	PKPab	PKPab	01 03 20.6 -0.8
GERES	GERES Array B	161.12 335	PKPab	PKPab	comp=Z,0.5nm,0.5s,baz=51,slow=7.7,SNR=3.0
MOS	MOS 23:44:54.7:1.1.32:38N-47:88E,h10km,mb4.3/23,Error ellipse: s-maj=7.3km s-min=5.1km az=100.7				
IDC	IDC 20:23:44:55.4:1.2.32:49N-47:88E,h0km,mb3.8/15, s-maj=3.92km s-min=3.2km az=165.0				
NEIC	NEIC 20:23:44:57.0:1.7.32:34N-0:08:47.9E:0:1,h10km,2km, mb4.0/37,Error ellipse: s-maj=19.8km s-min=13.2km az=87.0				
TEH	TEH 20:23:44:57.0:32:47N-47:89E,h14km,26km,ML3.9				
ISN	ISN 20:23:44:57.4:1.5.32:43N-47:96E,h14km,8km,ML3.9				
ISC	ISC 20:23:44:56.6:0.4.32:35N-0:04:47.85E:0:03,h10km,n189, r:150:20:4m,mb4.2/46,MSZ:4.5,Phase-ID,Iran-Iraq border				
Code	Station Name	Lat	Lon	Phase ID	Time Res
IKFM	Kafar-mosalmal	1.17 360	Op	ISC	23 45 18.2 -0.7
AHWZ	Ahwaz	1.22 146	Pg	Pg	23 45 22.8 +2.8
AHWZ	Ahwaz	1.22 146	Sg	Sg	23 45 41.7 +5.4
AMIS	Naft Sefid	1.40 119	Pg	Pg	23 45 24.9 +1.4
IDOB	Doab	1.46 11	Pg	Pg	23 45 23.0 -0.2
RAFI	Al-Rafai	1.60 247	eP	Pg	23 45 28.5 +1.2
RAFI	Al-Rafai	1.60 247	eP	Sg	23 45 52.0 +4.0
RAFI	Al-Rafai	1.60 247	eP	AML	23 45 55.2
RAFI	Al-Rafai	1.60 247	eP	AML	23 46 00.8
IBDR	Badra	1.79 296	eP	Pb	23 45 29.8 +4.0
IBDR	Badra	1.79 296	eP	Sg	

20d 23h

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

ROM 20 23:48:46.1±0.0, 42.975N±0.001×13.105E±0.003, h11km, ML1.7/11, 9C-5D, Error ellipse: s-maj=0.7km s-min=0.2km az=356.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FEMF Monte Fema, T1256 Bolognola (MC), T1256 Bolognola (MC), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMG Gualdo di Mace, T1214 Arquata del Tr, T1214 Arquata del Tr, etc.

RSNC 20 23:50:45.0±1.1, 6.77N-73.13W, h143km±4km, ML3.2, Mw3.6, 5C-3D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BARC Barichara, BRRC Barranca, Sant, PAMC Pampiona, Colo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBOC CBOC, LLSC La Loma 5 El P, DBBC Dabeiba, etc.

ISK 20 23:56:47.7, 37.28N-36.02E, h11km, ML2.8/14 DDA 20 23:56:48.1±0.0, 37.21N-36.01E, h7km±6km, ML2.8 ISC 20 23:56:48.1±1.0, 37.24N-36.03E±0.02, h12km±10km, n21, r197/31, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KOZT Kozan, CEYT Ceyhan, AKZ Adana, YUREGIR Yuregiri, KAMA Osmaniye, etc.

IDC 20 23:57:51.8±1.0, 13.89N±121.04E, h0km, mb3.7/6, mbmp3.7/6, Error ellipse: s-maj=135.3km s-min=20.0km az=68.0

MAN 20 23:58:06.3, 13.79N-120.53E, h92km, mb4.1, ML2.8, M52.5

ISC 20 23:58:05.4±0.8, 13.74N±0.05, 120.48E±0.07, h11km±6km, n18, r1513/27, mb3.8/7, 7C-4D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LUBP Lubang, PGP Puerto Galera, MACP Maragondon, Ca, etc.

2017 MAR

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21d 3h

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

VIE 21 01:40:28.3, 50°26'N; 18°67'E, h0km, mb2.4/9, ml2.6/9, ms3.7/5 22 km W of Katowice Suspected Mining Induced.

IPEC 21 01:40:28.7±0.2, 50°21'N; 18°71'E, h1km, ML2.6/4, Error ellipse: s-maj=2.1km s-min=1.1km az=166.0.

PRU 21 01:40:29.3±0.0, 50°22'N; 18°16'E, h0km, Error ellipse: s-maj=1.6km s-min=1.0km az=134.0.

ISC 21 01:40:28.0±0.7, 50°26'N; 0°03'18.70E; 0.02, h0km, n57, c145/94, 7C-4D, Poland

Main table of station data for the 21d 3h period, including stations like OKC, OJC, MORC, etc.

2017 MAR

Table of station data for 2017 MAR, including stations like OBKA, KBA, KBA, etc.

TRN 21 02:04:36.1, 11°24'N; 60°80'W, h4km, MD3.6, 3D, Windward Islands

Code Station Name Az Az' Phase ID Time Res ISC

Table of station data for TRN 21 02:04:36.1, including stations like TPR, BOT, TOSP, etc.

ISC 21 02:42:04.3±5.6, 66°55'S; 150°78'W, h0km, mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=498.7km s-min=65.3km az=165.0, Pacific-Antarctic Ridge

Code Station Name Az Az' Phase ID Time Res ISC

Table of station data for ISC 21 02:42:04.3, including stations like H03S2, H03S1, etc.

ISC 21 02:45:16.8±2.1, 0°54'N; 126°32'E, h0km, mb3.1/3, mbtmp3.1/3, Error ellipse: s-maj=169.5km s-min=27.9km az=65.0, Northern Molucca Sea

Code Station Name Az Az' Phase ID Time Res ISC

Table of station data for ISC 21 02:45:16.8, including stations like WRA, ASAR, MKAR, etc.

UCR 21 02:48:54.8±1.1, 1°30'N; 86°19'W, h74km, 6km, MW4.3 INET 21 02:48:55.0±0.8, 1°33'N; 86°17'W, h64km, 6km, MW4.3

ISC 21 02:48:56.2±1.4, 1°01'N; 85°89'W, h126km, 13km, mb3.3/7, mbtmp3.7/7, MS3.0/1, Error ellipse: s-maj=41.9km s-min=17.7km az=68.0

UPA 21 02:48:57.1±1.1, 1°54'N; 85°68'W, h10km, 98km, MW4.2

SHNET 21 02:48:59.1±1.2, 1°32'N; 86°63'W, h34km, 99km, ML4.1

INET 21 02:48:54.0±0.8, 1°31'N; 0°04'86°21'W, 0.04, h83km, 7km, Error ellipse: s-maj=113/134, mb3.8/7, 1C-13D, Near coast of Nicaragua

Code Station Name Az Az' Phase ID Time Res ISC

Table of station data for the INET 21 02:48:54.0 event, including stations like LCRUZ, CONN, etc.

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Table of station data for 1218, including stations like GUAB, CLARA, CLARA, etc.

SJA 21 03:05:55.0±0.6, 31°17'S; 69°56'W, h112km, 3km, ML3.7, MW3.7, Hypocentre not reviewed by the ISC

ICD 21 03:05:55.6±2.2, 31°26'S; 69°61'W, h14km, 20km, mb3.1/2, mbtmp3.7/5, Error ellipse: s-maj=36.4km s-min=27.2km s=18

GUC 21 03:05:55.7±0.7, 31°22'S; 69°97'W, h143km, 6km, ML3.9

ISC 21 03:05:55.0±0.8, 31°16'S; 0°05:69°59'W, 0.06, h116km, 7km, n26, c123/42, 10C-3D, San Juan Province

Code Station Name Az Az' Phase ID Time Res ISC

Main table of station data for the 1218 period, including stations like ASAR, WRA, RTLS, etc.

TAP 21 03:41:27.8, 24°65N, 122°61E, h10km, 1km, ML4.0, C
JMA 21 03:41:27.6, 1.0, 25°N, 1°12'26E, 0.4, h22km, 1km,
MV3.2/10, 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 YONG, YONAGUNI, YONAGUNI, YONAGUNI, YONAGUNI, etc.

1.5mm, 0.8s, baz=149, slow=10, SNR=7.7
WRA Warramunga Arr 45.78 165 P P 03 49 48.5 +0.4
ASAR Alice Springs 49.27 166 P P 03 50 16.6 +1.3

TAP 21 03:55:34.7, 24°67N, 122°65E, h24km, 1km, ML2.9, C
JMA 21 03:55:35.2, 1.0, 24°6N, 0°8'12.2E, 0.3, h24km, 1km,
MV2.2/10, 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 YONG, YONAGUNI, YONAGUNI, YONAGUNI, YONAGUNI, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h m s, ISC. Includes stations like KTR, KTR, BSO4, BSO4, YOKOSK, YOKOSK, BOSO3, BOSO3, etc.

Table with columns: ID, Name, Time, Date, Status, Location, and other details. Includes entries like ZARC Zaragoza, CAUC, PAMC Pamplona, etc.

Table with columns: ID, Name, Time, Date, Status, Location, and other details. Includes entries like ITAB Concordia, 152A Waverly Hall, ALGR Alto Alegre, etc.

Table with columns: ID, Name, Time, Date, Status, Location, and other details. Includes entries like Q44A Meyer Farm, R40A Maddies Station, P52A Corina, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Hagfors, GERES Array B, VAE, TSUM, etc.

OMAN 21 04:37:26.7z.2.6,21.96N-62.02E,h15km,mb4.9/2,m3.4/6, Error ellipse: s-maj=17.4km s-min=7.5km az=109.0, Owen Fracture Zone region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like JLN, WBK, WSAR, etc.

OMAN 21 04:39:43.8.1.1,21.88N-61.93E,h10km,43km,m3.5/11, 1C, Error ellipse: s-maj=9.7km s-min=6.4km az=120.0, Owen Fracture Zone region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like JLN, WBK, WSAR, etc.

IDC 21 04:45:21.3.4.8,27.92N-141.20E,h0km,mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=335.3km s-min=30.3km az=84.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like H11N2, H11N1, H11N3, etc.

FINES FINESS Array B 76.83 333 P P 04 57 14.8 0.0 3.6nm,1.1s,baz=57,slow=7.0,SNR=7.9 6.1m,1.1s

SJA 21 05:02:39.3.0.7,32.17S:72.05W,h13km,2km,ML4.0, MW4.0, Hypocentre not reviewed by the ISC
IDC 21 05:02:39.3.0.9,32.14S:71.77W,h0km,mb4.0/5, mbtmp3.9/8,ML3.9/3, Error ellipse: s-maj=24.0km s-min=18.7km az=160.0
NEIC 21 05:02:41.4.1.4,32.17S:0.04E:7.1W:0.1,1h18km,11km, ML4.0(GUC), Error ellipse: s-maj=12.7km s-min=6.2km az=91.0
GUC 21 05:02:42.8.0.7,32.16S:71.91W,h29km,4km,ML4.0
ISC 21 05:02:41.5.1.6,32.16S:0.03E:7.1W:0.06,h15km,9km, n75,e0.98/78,mb4.0/5,9C-6D,Near coast of central Chile

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

OMAN 21 04:37:26.7z.2.6,21.96N-62.02E,h15km,mb4.9/2,m3.4/6, Error ellipse: s-maj=17.4km s-min=7.5km az=109.0, Owen Fracture Zone region

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

OMAN 21 04:39:43.8.1.1,21.88N-61.93E,h10km,43km,m3.5/11, 1C, Error ellipse: s-maj=9.7km s-min=6.4km az=120.0, Owen Fracture Zone region

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

NEIC 21 05:04:46.8.2.6,52.40N:0.07E:169.95W:0.09, h13km,10km,ML3.4(AEIC), Error ellipse: s-maj=11.2km s-min=5.3km az=145.0
AEC 21 05:04:48.7.3.5,52.51N:0.09E:170.03W:0.10,h14km,7km, Error ellipse: s-maj=149.0km s-min=4.0km az=149.0
IDC 21 05:04:59.3.7.4,52.32N:167.08W,h0km,mb3.3/3, mbtmp3.4/5,ML3.0/2, Error ellipse: s-maj=131.3km s-min=38.8km az=86.0
ISC 21 05:04:47.0.1.1,52.4N:0.169E:95W:0.08,h10km,n27, e1948/22,mb3.2/3,Fox Islands

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

ARCO CERRO ARCO 2.59 106 eP 05 03 24.5
ARCO eS 05 03 58.5
ASAL Salagasta 2.63 100 eP 05 03 28.0
ASAL eS 05 03 28.0

Juntas del Tor 2.67 36 eP Pn 05 03 02.5
Juntas del Tor 2.67 36 eP 05 03 21.0
CO01 eP 05 03 26.2
CO01 eS 05 03 58.5
CO01 eS 05 04 03.0
AAGR comp=Z.274nm,0.7s IAML 05 04 06.8

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

OMAN 21 04:37:26.7z.2.6,21.96N-62.02E,h15km,mb4.9/2,m3.4/6, Error ellipse: s-maj=17.4km s-min=7.5km az=109.0, Owen Fracture Zone region

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

OMAN 21 04:39:43.8.1.1,21.88N-61.93E,h10km,43km,m3.5/11, 1C, Error ellipse: s-maj=9.7km s-min=6.4km az=120.0, Owen Fracture Zone region

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

NEIC 21 05:04:46.8.2.6,52.40N:0.07E:169.95W:0.09, h13km,10km,ML3.4(AEIC), Error ellipse: s-maj=11.2km s-min=5.3km az=145.0
AEC 21 05:04:48.7.3.5,52.51N:0.09E:170.03W:0.10,h14km,7km, Error ellipse: s-maj=149.0km s-min=4.0km az=149.0
IDC 21 05:04:59.3.7.4,52.32N:167.08W,h0km,mb3.3/3, mbtmp3.4/5,ML3.0/2, Error ellipse: s-maj=131.3km s-min=38.8km az=86.0
ISC 21 05:04:47.0.1.1,52.4N:0.169E:95W:0.08,h10km,n27, e1948/22,mb3.2/3,Fox Islands

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

0.2nm,0.5s,baz=309,slow=3.0,SNR=6.8
TXAR Lajitas Array 53.10 89 P P 05 14 04.7 +0.1

SJA 21 05:08:36.7±0.7,32.14S:72.11W,h13km,ML4.2,MW4.1
Hypocentre not reviewed by the ISC
IDC 21 05:08:37.4±0.9,32.12S:71.79W,h0km,mb4.2/7,
mbmp4.1/11,ML3.8/4,MS3.3/5,Error ellipse:
s-maj=21.4km s-min=18.4km az=157.0

NEIC 21 05:08:38.7±1.2,32.16S:0.04:72.06W±0.104,h10km±1km,
mb4.0/2,ML4.0(GUCO),Error ellipse: s-maj=8.3km
s-min=4.9km az=219.0

GUC 21 05:08:41.3±0.8,32.17S:71.88W,h32km,CM,ML4.0
ISC 21 05:08:38.7-1.3,32.12S-0.02:71.91W-0.05,h10km±1km,
n81,σ16/8/6,mb4.2/8,10C-7D,Near coast of central
Chile

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res. Includes stations like Catapilco, Torpederas, El Roble, Curacav, San Esteban, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res. Includes stations like Juntas del Tor, Agrelo, Zonda, Sierra Bellavi, Coronel Fontan, etc.

WEL 21 05:27:12.7±1.0,45.5±4.167E±h5km,M3.3/6,ML3.5/6,
ML3.3/6,Error ellipse: s-maj=0.0km s-min=0.0km
az=115.8,confirmed,South Island

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res. Includes stations like Milford Sound, Deep Cove, Mavora Lakes, etc.

IDC 21 05:56:32.4±2.3,13.92N-91.59W,h0km,mb3.8/5,
mbmp3.8/6,ML3.7/1,MS3.6/16,Error ellipse:
s-maj=107.1km s-min=45.0km az=56.0

GCG 21 05:56:37.4±2.5,13.72N-92.30W,h38km,MD4.1
MEX 21 05:56:37.6±0.5,13.81N-92.28W,h55km,60km,MD4.4
NEIC 21 05:56:39.0±2.9,13.85N-0.07:92.39W±0.06,h37km±7km,
mb4.4/26,MD4.4/55(MEX),Error ellipse: s-maj=10.8km
s-min=8.6km az=201.0

ISC 21 05:58:39.1±1.4,13.88N-0.07:92.44W±0.03,h44km±13km,
n106,σ15/9/12/7,mb4.4/15,MS3.5/14,1C,Off coast of
Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res. Includes stations like Suchitpequez, Retalhuleu, Santiaguillo 3, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SJG San Juan, MVCO Mesa Verde, PFO Pinyon Flats, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like JHNI Jhansi, JHNI Jhansi, JHNI Jhansi, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array B, etc.

NDI 21 05:56:33.9, 2.4, 33.82N; 72.10E, h10km, ML3.9, mb4.3(NEIC)
IDC 21 05:56:33.9, 0.7, 33.84N; 72.51E, h0km, mb4.1/1.5, mbmp4.2/2.1, ML4.0/6, MS3.0/2, Error ellipse: s-maj=19.3km s-min=13.9km az=44.0
NEIC 21 05:56:37.3, 2.3, 33.35N; 0.09, 72.97E; 0.06, h41km, 9km, mb4.3/2.2, Error ellipse: s-maj=14.5km s-min=4.9km az=156.0
MOS 21 05:56:39.9, 1.1, 34.05N; 72.59E, h49km, mb4.3/1.6, Error ellipse: s-maj=10.9km s-min=5.2km az=92.8
BUJ 21 05:56:42.7, 0.0, 34.36N; 72.22E, h100km, mb4.5/1.6, mb4.1/5
ISC 21 05:56:38.0, 0.4, 33.81N; 0.04, 72.68E; 0.03, h34km, n146, s199/166, mb4.2/3.7, C-2D, Pakistan

BVAR Borovoye Array 19.28 356 P P 06 01 00.2 +0.5
BVAR Borovoye Array 19.28 356 P P 06 00 47.0
BRVK Borovoye 19.32 356 P P 06 00 57.9 -2.2
BRVK Borovoye 19.32 356 P P 06 00 59.1 -1.0
AKTO Aktyubinsk 19.80 331 P P 06 01 05.1 -0.2
AKT Aktyubinsk 21.14 299 eP P 06 01 21.2 +1.1
AKT Aktyubinsk 21.14 299 eP P 06 01 34.5 +0.8
AKT Aktyubinsk 21.14 299 eP P 06 01 42.5

ARCES ARCESS Array B 44.15 338 P P 06 04 43.6 +0.6
ARCES ARCESS Array B 44.15 338 P P 06 04 47.1 +0.3
KTK Kautokesto 44.63 337 eP P 06 04 50.7 +0.8
HAM Hammerfest 45.23 339 eP P 06 05 00.4 +0.6
TRO Troll 48.28 337 eP P 06 05 00.1 -2.1
GUMA Gualdo di Mace 46.53 300 P Iamb Iamb 06 05 01.5

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like NIL Nilore, CHIR Chirah Chowk, CEP Cherat, THW Thamme Wai, THW Thamme Wai, SARP Sargodha, JMU Jammu, JMU Jammu, THN Thein Dam, THN Thein Dam, THN Thein Dam, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ZALV Zalesovo Array, ZALV Zalesovo Array, ZALV Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SJA 21 05:56:52.4, 0.8, 31.11S; 71.58W, h52km, 7km, ML4.1, MW4.1, Hypocentre not reviewed by the ISC, etc.

21d 7h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res. Includes stations like FIAM Fiamignano, CERA Filignano, CERA comp=E,148µm,0.5s, etc.

IDC 21 06:23:08.2-2.8,21.17S:69.43W,h0km,mb3.7/2, mbtmp3.8/3,ML.0/1, Error ellipse: s-maj=73.9km s-min=58.6km az=60.0

GUC 21 06:23:29.0-0.7,19.76S:69.20W,h114km,3km,ML3.3

ISC 21 06:23:28.4-1.0,19.81S:0.04-69.30W,0.09,h118km,7km, n25, c085/30,6C-4D,Northern Chile

Main table for 21d 7h section, listing station codes (PB11, PB08, MNMC, etc.), station names, and their respective parameters.

NNC 21 06:42:10.6-2.7,53.62N:90.55E,h0km,mb3.7,mpv3.4, 5C-5D, Error ellipse: s-maj=20.6km s-min=15.8km az=52.0,Suspected Mining explosion.,Southwestern Siberia

Table for NNC section, listing station codes (ZAA0, KURK, etc.) and their parameters.

ROM 21 06:50:01.9-0.0,43.403N:0.001x12.603E:0.0003, h11km,ML0.9/6, Error ellipse: s-maj=0.2km s-min=0.1km az=295.0,Central Italy

Table for ROM section, listing station codes (ATFO, SSFR, etc.) and their parameters.

2017 MAR

Table for 2017 MAR section, listing station codes (ATVO, FRON, etc.) and their parameters.

ROM 21 06:50:55.4,35.60N:3.67W,h17km,ml2.5 SFS 21 06:50:57.6,35.39N:3.69W,h23km,ML2.6/6, ML2.6/6

MDD 21 06:50:58.6,0.6,35.61N:3.63W,h0km,mb_Lg2.1/9, Error ellipse: s-maj=9.7km s-min=3.6km az=36.0

ISC 21 06:50:58.3-1.0,35.56N:0.02-3.66W:0.03,h13km,9km, n27, c18/10/2, Strait of Gibraltar

Table for ROM section, listing station codes (SMA1, T1218, etc.) and their parameters.

ROM 21 06:51:21.8-0.1,42.621N:0.005:13.239E:0.006, h11km,ML1.6/2,1D, Error ellipse: s-maj=0.6km s-min=0.5km az=26.0,Central Italy

Main table for ROM section, listing station codes (SMA1, T1218, etc.) and their parameters.

CNRM 21 06:50:55.4,35.60N:3.67W,h17km,ml2.5 SFS 21 06:50:57.6,35.39N:3.69W,h23km,ML2.6/6, ML2.6/6

MDD 21 06:50:58.6,0.6,35.61N:3.63W,h0km,mb_Lg2.1/9, Error ellipse: s-maj=9.7km s-min=3.6km az=36.0

ISC 21 06:50:58.3-1.0,35.56N:0.02-3.66W:0.03,h13km,9km, n27, c18/10/2, Strait of Gibraltar

Table for ROM section, listing station codes (PALE, EMEL, etc.) and their parameters.

1226

Table for 1226 section, listing station codes (EMJU, EMAL, etc.) and their parameters.

IDC 21 06:59:57.4:30.0,23.07S:178.64W,h55km,267km, mb3.2/4,mbtmp4.2/4, Error ellipse: s-maj=244.1km s-min=60.1km az=62.0,South of Fiji Islands

Table for IDC section, listing station codes (CTA, STKA, ASAR, etc.) and their parameters.

NOU 21 07:08:37.2:37.36S:179.44E,h0km,MLV3.7/7, Off E. Coast of India, N.Z.

WEL 21 07:08:42.8:0.8,37.54S:17.9E:1, h12km, M3.2/21, ML3.4/28,MLV3.2/21, Error ellipse: s-maj=0.0km s-min=0.0km az=97.5,confirmed

ISC 21 07:08:41.3:2.8,37.32S:0.08:179.1E:0.1,h8km,12km, n66, c082/73, Off east coast of North Island

Main table for 1226 section, listing station codes (MXZ, WMGZ, etc.) and their parameters.

RSNC 21 07:18:23.6:0.8,6.85N:73.08W,h155km,4km,ML3.1, Mw3.7,5C-1D,Northern Colombia

Table for RSNC section, listing station codes (BARC, BARC, etc.) and their parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAMC Pamplona, COLO, BRRC Barranca, SANT, PTBC PUERTO BERRIO, SPBC San Pablo de B, ZARC Zaragoza, CAUC, CHIC Chingaza, ROSC El Rosal, UREC San Jos de Ur, LL1C La Loma 1 2, VILC Villavicencio, GUY2C Guyana, CALDAS, PTGC Puerto Gaitan, CBOC Ciudad Bolivar, DBBC Dabeiba, ARGC Ariguani, MAGD, ANIL Santa Ana, PRAC Prado, APAC Apartado, CHOC, ORTC Ortega, TOLIMA, SJCC San Jacinto, C, CRUC Cerrejon, GUAJ, GUV2C San Jose del G, YOTC Yotoco, VALLE, MACC Macarena, META, GARC Garzon, HUILLA, POPC Popayan, COLOM, FLOC Florencia.

IDC 21 07:20:30.4+0.9, 19.87N:120.82E, h0km, mb3.9/8, mbtmp3.9/8, MS3.0/2, Error ellipse: s-maj=41.2km s-min=17.6km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CIPPC Calayan Island, BBP Basco, SGCP Gonzaga, DAVP Davao City (W), CMAR Chiang Mai Arr, CMAR Songojino Array, MKAR Makanchi Array, WRA Warramunga Arr, WRA 0.5nm, 0.5s, bazz=342, slow=9.1, SNR=12, WRA 0.3nm, 0.7s, bazz=339, slow=2.8, SNR=15.5, ASAR Alice Springs, KURBB Kurchatov Arra, FINES FINESS Array B, YKA Yellowknife Arr.

IDC 21 07:27:07.6-2.6, 54.02N:86.49E, h0km, mbtm3.3/2, ML3.0/2, 18C-6D, Error ellipse: s-maj=22.9km s-min=13.5km az=52.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV 2.0nm, 0.3s, bazz=86, slow=17, SNR=14, KURB Kurchatov, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK 9.2nm, 0.6s, KUR04 Kurchatov Arra, KUR04 Kurchatov Arra, KUR04 Kurchatov Arra, KUR05 Kurchatov Arra, KUR15 Kurchatov Arra, KUR15 Kurchatov Arra, KURBB Kurchatov Arra, KURBB 8.4nm, 0.3s, bazz=57, slow=13, SNR=54, KURBB Kurchatov Arra, KURBB 8.2nm, 0.4s, KURBB 10nm, 0.3s, KURBB Kurchatov Arra, KUR16 Kurchatov Arra, KUR06 Kurchatov Arra, KUR06 Kurchatov Arra, KUR17 Kurchatov Arra, KUR07 Kurchatov Arra, MKK31 Makanchi Array, MKK31 0.1nm, 0.2s, bazz=316, slow=10.0, SNR=6.0, MKK31 2.5nm, 0.5s, bazz=330, slow=28, SNR=16, MKAR Makanchi Array, MKAR 0.2nm, 0.3s, bazz=25, slow=14, SNR=16, MAKZ Makanchi, MAKZ 1.3nm, 0.7s, MAKZ 3.2nm, 0.7s.

SNET 21 07:41:57.6: 1.0, 12.65N:88.01W, h48km, 36km, ML3.2 INET 21 07:41:58.1: 0.7, 12.68N:87.87W, h23km, 10km, ML3.0 ISC 21 07:41:56.1: 1.8, 12.57N:109.87W, 99W, 0.06, h27km, 14km, n15, 0.050/23, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNCH Conchagua, CNCH Conchagua, CNCH Conchagua, LCND La Caada, LCND La Caada, VSM San Miguel, CRIN San Cristobal, CRIN San Cristobal, ALJI Alcaldia de J, ALJI Alcaldia de J, PACA Pacayal, PACA Pacayal, TECA Tecapa, TECA Tecapa, POSS Presa 15 de Se, POSS Presa 15 de Se, SCLA Alcaldia de S, SCLA Alcaldia de S, MOMN Momotombo, MOMN Momotombo, SJTE Alcaldia de S, SJTE Alcaldia de S, TGUH Tegucigalpa, Un, TGUH Tegucigalpa, Un, MATN Matagalpa, MATN Matagalpa, BOAB BOACO BROADBAND, BOAB BOACO BROADBAND.

UCR 21 07:47:39.1: 1.7, 8.40N:82.87W, h20km, 3km, MW3.6 UCA 21 07:47:39.3: 1.1, 8.42N:82.82W, h9km, 5km, MW3.4 ISC 21 07:47:38.9: 0.9, 8.41N:103.82W, 0.02, h17km, 6km, n34, 0.070/56, 9C-4D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LESP La Esperanza, LESP La Esperanza, CCOL Caracol de Cor, CCOL Caracol de Cor, CDITO Canoas, CDITO Canoas, PTPM Petroterminal, PTPM Petroterminal, FIDTO Golfo, FIDTO Golfo, EDAD Edad, EDAD Edad, MLR3 Monte Lirio, C, MLR3 Monte Lirio, C, DVD David, DVD David, BRU2 Volcan, BRU2 Volcan, BRU2 Volcan, BRU2 Volcan, VITO San Vito, VITO San Vito, EDSV San Vito, EDSV San Vito, PTR33 Potrerillos Ar, PTR33 Potrerillos Ar, BCP3 Paso Ancho, BCP3 Paso Ancho, LNB03 Los Nanjaros, LNB03 Los Nanjaros, EDP2 Potrero Grande, EDP2 Potrero Grande, POTG Potrero Grande, POTG Potrero Grande, EDN Palmar Norte, EDN Palmar Norte, PLAN Los Planes de, PLAN Los Planes de, BURE Buenos Aires, BURE Buenos Aires, SRBA San Rafael, Bu, SRBA San Rafael, Bu, CN12 EI Empalme, Bo, CN12 EI Empalme, Bo, PEZE Perez Zeledon, PEZE Perez Zeledon, CDM Cerro de Muert, CDM Cerro de Muert, MRVA Moravia de Chi, MRVA Moravia de Chi, RIMA Rio Macho, RIMA Rio Macho, RAZU San Marcos de, RAZU San Marcos de, RIEPA Paraso, RIEPA Paraso, WERB Verbena, WERB Verbena, LCR2 La Lucha 2, LCR2 La Lucha 2, ABE2 San Pablo, ABE2 San Pablo, VTCV VTCV, Calle Va, VTCV VTCV, Calle Va, RAFA San Farael, Vo, RAFA San Farael, Vo, ACOS Acosta, ACOS Acosta.

TEH 21 07:50:16.0: 28.32N:54.95E, h14km, 54km, ML3.5, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LAR1 LAR, JHRM Jahrom, JHRM Jahrom, GENO Bandar-Abbas, GENO Bandar-Abbas, GENO Bandar-Abbas, IBND Bandar-Abbas, IBND Bandar-Abbas, GHIR Ghir, GHIR Ghir, LMD1 Lamerd, LMD1 Lamerd, NGRK Negar Kerman, NGRK Negar Kerman, KRBA Kerman, KRBA Kerman, TVBK TV Kerman, TVBK TV Kerman, KHGB Koh Gabri, KHGB Koh Gabri.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHMN Cheshme madani, IMEH Mehriz, KBAM BAM, ABHU AHRAH, YZKH Yazd, IBRJ Bajan, NASN Na'in, PRPV Parvadeh(Tabas), ANAR Anarak, NHDN Nehbandan, IPRH Pirpir, TKDS Takdash(Taba), KRSH Karshahi, GHVR GHOM, KHMZ Khomeyn.

IDC 21 07:58:17.2: 2.5, 53.70N:86.64E, h0km, mbtm2.8/2, ML2.4/2, Error ellipse: s-maj=21.2km s-min=12.7km az=68.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, I46RU Zalesovo Beam, ZALV Zalesovo Beam, ZALV 0.8nm, 0.3s, bazz=105, slow=13, SNR=7.0, KURBB Kurchatov Arra, KURBB 1.8nm, 0.3s, bazz=105, slow=26, SNR=9.9, KURBB Kurchatov Arra, KURBB 0.1nm, 0.3s, bazz=57, slow=14, SNR=5.4, MKAR Makanchi Array, MKAR 0.7nm, 0.4s, MKAR Makanchi Array, MKAR 0.1nm, 0.3s, bazz=24, slow=13, SNR=7.9, MKAR Makanchi Array, MKAR 0.2nm, 0.3s.

IDC 21 08:01:46.4: 2.6, 53.66N:86.34E, h0km, mbtm2.8/2, ML2.4/2, Error ellipse: s-maj=23.9km s-min=14.1km az=66.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, I46RU Zalesovo Beam, ZALV Zalesovo Beam, ZALV 0.7nm, 0.3s, bazz=100, slow=11, SNR=2.1, ZALV 1.0nm, 0.3s, bazz=104, slow=29, SNR=8.0, KURBB Kurchatov Arra, KURBB 0.1nm, 0.3s, bazz=58, slow=14, SNR=4.1, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR 0.1nm, 0.3s, bazz=26, slow=14, SNR=10, MKAR Makanchi Array, MKAR 0.3nm, 0.5s.

NNC 21 08:14:08.6: 4.2, 54.61N:83.71E, h0km, mb3.4, mpv2.7, Error ellipse: s-maj=32.9km s-min=9.5km az=2.0, Suspected Mining explosion.

IDC 21 08:14:08.4: 1.4, 54.59N:83.75E, h0km, mbtm3.3/3, ML2.8/3, Error ellipse: s-maj=13.3km s-min=9.1km az=5.0

ISC 21 08:14:06.3: 2.2, 54.7N:0.1, 13.3km, s-min=9.1km, n9, 0.139/13, 4C-6D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV 4.1nm, 0.3s, bazz=320, slow=18, SNR=31, ZALV 3.4nm, 0.3s, ZALV Zalesovo Beam, KURK Kurchatov, KURK 0.6nm, 0.4s, KURK Kurchatov, KURBB Kurchatov Arra, KURBB 0.2nm, 0.3s, bazz=39, slow=13, SNR=5.4, KURBB Kurchatov Arra, KURBB 0.1nm, 0.3s, bazz=32, slow=22, SNR=1.5, KURBB Kurchatov Arra, KURBB 0.1nm, 0.3s, bazz=40, slow=32, SNR=5.4, KURBB Kurchatov Arra, KURBB 1.2nm, 0.2s, KURBB Kurchatov Arra, KURBB 0.8nm, 0.5s, bazz=59, slow=13, KURBB Kurchatov Arra, KURBB 3.4nm, 0.7s, KURBB Kurchatov Arra, MK31 Makanchi Array, MK31 0.3nm, 0.5s, bazz=39, slow=13, SNR=11, MK31 Makanchi Array, MK31 0.1nm, 0.3s, bazz=302, slow=34, MK31 Makanchi Array, MKAR Makanchi Array, MKAR 0.2nm, 0.3s, bazz=11, slow=13, SNR=11, MKAR Makanchi Array, MKAR 0.1nm, 0.3s, bazz=8.9, slow=31, SNR=3.8, MKAR Makanchi Array, BVAR Borovoye Array, BVAR 0.1nm, 0.5s, bazz=68, slow=13, SNR=12, BVAR Borovoye Array.

NOU 21 08:25:06.8: 42.11S:174.22E, h26km, ML3.4/7, Off E. Coast of S. Island, N.Z.

WEL 21 08:25:06.9: 0.3, 42.17S:174.42E, h14km, 3km, M2.8/17, ML3.1/17, ML2.8/17, Error ellipse: s-maj=103.1, s-min=0.0km az=103.1, confirmed

ISC 21 08:25:06.1: 1.1, 41.98S:0.033:174.05E, 0.03, h15km, 9km, n76, 0.132/81, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BMWZ Cape Campbell, BMWZ Blackbirch Sta, EGWZ Otaki Gorge, TUWZ Tuamarina, TUWZ Tuamarina, KHZ Kahutara, KHZ Kahutara, KHZ Kahutara, TCW Tory Channel, TNZO South Karori, TNZO Tophouse, WNZ Wellington, WNZ Nelson, INZ Invercargill, PLWZ Palliser, MRNZ Matariki Terra, CAW Cannon Point, DUWZ D'Urville Isla, PAWZ Parau Farm, GVZ Greta Valley S, TKNZ Takaka Hill, KIWI Kapiti Island, TRWZ Traveller, MTW Mount Morrison, LTZ Lake Taylor, AMWZ Holdsworth Sta, AMWZ Amberley, QRZ Quartz Range, QRZ Quartz Range, QRZ Quartz Range, DSZ Denniston North, MRZ Mangatoinoka R, OXZ Oxford.

Table with columns: Code, Name, Az, El, P, S, Az, El, P, S. Rows include stations like MOZ, PRWZ, AKCZ, etc.

Table with columns: Code, Name, Az, El, P, S, Az, El, P, S. Rows include stations like ROSC, ROSC, ROSC, etc.

Table with columns: Code, Name, Az, El, P, S, Az, El, P, S. Rows include stations like JTS, JTS, JTS, etc.

ADC 21 08:31:18.1±0.4, 6.06N; 77.60W, h0km, mb4.7/24, mbtmp4.7/30, ML3.7/6, MS4.0/44, Error ellipse: s-maj=14.6km s-min=9.4km az=55.0

RSNC 21 08:31:19.5±1.4, 6.14N; 77.76W, h1km, mb4.3, Mw4.9 VAO 21 08:31:20.1±0.3, 5.99N; 77.46W, h10km, mb4.9

SDDR Presa de Saban 14.17 25 Pn Pn 08 34 41.7 +1.0 CZSB Cruzeiro do Su 14.65 160 Pn Pn 08 34 44.7 -2.6

west coast of Colombia

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S. Rows include stations like PIZC, PIZC, PIZC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S. Rows include stations like LLOC, LLOC, LLOC, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S. Rows include stations like SABA, BIM, FDF, etc.

21229 **2017 MAR** **21d 8h**

LRAL	baz=160 Lakeview Retre	28.12 340	P	P	08 37 13.8 +1.8
PTLB	baz=160 Pontes e Lacer	28.24 140	P	P	08 37 11.7 -1.5
PTLB	baz=160 Pontes e Lacer	28.24 140	eP	P	08 37 10.9 -2.2
VBMS	baz=152 Vicksburg	28.57 337	P	P	08 37 17.1 +1.0
BBSD	baz=152 Serra de San D	28.67 144	eP	P	08 37 15.1 -1.9
Y49A	baz=152 Blount Mountai	28.73 345	P	P	08 37 18.7 +1.3
Y49A	baz=152 Blount Mountai	28.73 345	P	P	08 37 19.1 +1.7
KMSC	baz=172 Kings Mountain	29.04 354	P	P	08 37 21.2 +1.0
PB03	baz=172 IPOC Station P	29.08 165	P	P	08 37 22.1 +1.3
CASEE	baz=169 Lake Jocassee	29.10 351	P	P	08 37 22.9 +2.1
HKT	baz=169 Hockley	29.21 326	iP	P	08 37 23.2 +1.5
HKT	LR Hockley	29.21 326	P	Pmax	08 37 23.2 +1.5
HKT	baz=140 Hockley	29.21 326	P	P	08 37 23.2 +1.5
W52A	baz=167 Murphy	29.37 349	P	P	08 37 25.3 +2.2
X48A	baz=160 Hartselle	29.46 344	P	P	08 37 25.4 +1.5
V58A	baz=177 Windy Hill, Pi	29.52 358	P	P	08 37 25.8 +1.4
V58A	baz=177 Windy Hill, Pi	29.52 358	P	P	08 37 25.8 +1.4
Y45A	baz=155 Yeager Farm, C	29.69 340	P	P	08 37 28.1 +2.2
V53A	baz=169 Saluda	29.75 352	P	P	08 37 28.7 +2.2
V53A	baz=169 Saluda	29.75 352	P	P	08 37 28.7 +2.2
LVC	baz=169 Limon Verde	29.84 164	P	P	08 37 27.3 -0.5
LVC	comp=Z,8.4nm,1.0s,slow=4.8,SNR=4.8 Limon Verde	29.84 164	eP	P	08 37 26.4 -1.4
TKL	baz=169 Tuckaleechee C	29.89 350	P	P	08 37 27.6 -0.1
TKL	LR Tuckaleechee C	29.89 350	P	LR	08 50 56.7
NATX	comp=Z,2.21nm,18.4s,slow=39 Nacogdoches	30.03 330	P	P	08 37 30.5 +1.5
V52A	baz=144 Sevierville	30.04 350	P	P	08 37 31.2 +2.2
V51A	baz=168 Loudon	30.14 349	P	P	08 37 31.7 +1.9
U56A	baz=166 King	30.15 356	P	P	08 37 32.0 +2.1
U56A	baz=174 King	30.15 356	P	P	08 37 32.0 +2.1
833A	baz=174 Chaparral WMA,	30.17 319	P	P	08 37 30.9 +0.6
833A	baz=174 Chaparral WMA,	30.17 319	P	P	08 37 31.4 +1.1
833A	baz=133 Chaparral WMA,	30.17 319	P	P	08 37 31.7 +1.5
PLAL	baz=133 Pickwick Lake	30.25 343	P	Iamb	08 37 30.6 -0.2
PLAL	baz=133 Pickwick Lake	30.25 343	P	Iamb	08 37 52.3
PRPB	comp=Z,3.5nm,1.6s Parauapebas	30.36 113	eP	P	08 37 29.5 -2.6
U54A	baz=166 Nelsons Funny	30.46 353	P	Iamb	08 37 32.8 0.0
U54A	comp=Z,1.9nm,0.9s Nelsons Funny	30.46 353	P	Iamb	08 37 53.8
U54A	baz=172 Nelsons Funny	30.46 353	P	P	08 37 34.6 +1.8
U54A	baz=172 Nelsons Funny	30.46 353	P	P	08 37 34.6 +1.8
CCAR	baz=172 Cane Creek	30.57 336	P	P	08 37 34.5 +0.8
V48A	baz=172 Smith Brothers	30.62 345	P	Iamb	08 37 34.7 +0.5
V48A	comp=Z,2.9nm,1.1s Smith Brothers	30.62 345	P	Iamb	08 37 41.6
TMAB	baz=162,SNR=11 Tom-Au,PA,Br	30.70 105	eP	P	08 37 36.0 +1.8
T57A	baz=177 Hurt	30.73 357	P	P	08 37 36.2 +0.9
T57A	baz=177 Hurt	30.73 357	P	P	08 37 36.5 +1.4
T57A	baz=177 Hurt	30.73 357	P	P	08 37 36.5 +1.4
W45A	baz=177 Hickory Valley	30.75 341	P	P	08 37 35.3 0.0
W45A	baz=157 Hickory Valley	30.75 341	P	P	08 37 36.7 +1.4
SALV	baz=157 Santo Antonio	30.87 135	eP	P	08 37 34.8 -1.8
WLAR	baz=157 White Oak Lake	30.92 334	P	Iamb	08 37 37.4 +0.7
WLAR	baz=157 White Oak Lake	30.92 334	P	Iamb	08 37 43.0
BLA	comp=Z,3.8nm,1.2s Blacksburg	31.01 356	P	P	08 37 38.8 +1.2
BLA	baz=174 Blacksburg	31.01 356	P	P	08 37 39.4 +1.8
U49A	baz=164 Red Boiling Sp	31.11 347	P	P	08 37 40.2 +1.7
T50A	baz=166 Nancy	31.41 349	P	Iamb	08 37 41.1 0.0
T50A	comp=Z,3.9nm,1.8s Nancy	31.41 349	P	Iamb	08 37 48.5
T50A	baz=166 Nancy	31.41 349	P	P	08 37 42.6 +1.6
Z38A	baz=145 Mt. Pleasant	31.41 331	P	P	08 37 42.6 +1.5
X40A	baz=145 Basin Creek Fa	31.49 336	P	P	08 37 41.7 -0.1
WHXT	baz=145 Lake Whitney,	31.67 327	P	P	08 37 44.2 +0.8
WHXT	baz=140 Lake Whitney,	31.67 327	P	P	08 37 44.7 +1.2
S51A	baz=168 Beattyville	31.80 351	P	P	08 37 45.8 +1.3
S51A	baz=168 Beattyville	31.80 351	P	P	08 37 45.8 +1.3
SNDB	baz=168 Serra Nova Dou	31.80 124	eP	P	08 37 43.2 -1.7
MIAR	baz=149 Mount Ida	31.85 335	P	P	08 37 45.5 +0.5
MIAR	baz=149 Mount Ida	31.85 335	P	P	08 37 45.9 +0.9
T47A	baz=149 Sharon Grove	31.88 346	P	Iamb	08 37 46.6 +1.4
T47A	comp=Z,1.8nm,0.9s Sharon Grove	31.88 346	P	Iamb	08 37 52.1
T47A	baz=162,SNR=7.7 Sharon Grove	31.88 346	P	P	08 37 46.1 +0.9
JCT	comp=Z,4.0nm,1.8s Junction City	31.92 322	P	Iamb	08 37 46.4 +0.7
JCT	comp=Z,4.0nm,1.8s Junction City	31.92 322	P	Iamb	08 37 51.9
JCT	comp=Z,4.0nm,1.8s Junction City	31.92 322	P	Pmax	08 37 46.4 +0.7
JCT	comp=Z,4.0nm,1.8s Junction City	31.92 322	P	P	08 37 47.1 +1.4
JCT	baz=135 Junction City	31.92 322	P	P	08 37 47.3 +1.6
LCAR	baz=135 Lake Charles	32.24 339	P	Iamb	08 37 49.4 +1.0
LCAR	comp=Z,4.2nm,1.5s Lake Charles	32.24 339	P	Iamb	08 37 54.8
R53A	baz=172 Hurricane	32.26 354	P	P	08 37 49.1 +0.7
R53A	baz=172 Hurricane	32.26 354	P	P	08 37 48.9 +0.3
T45B	baz=159 Paducah	32.31 343	P	P	08 37 49.9 +0.9
FCAR	baz=159 Ozark Folk Cen	32.44 338	P	P	08 37 50.9 +0.8
FCAR	baz=159 Ozark Folk Cen	32.44 338	P	Iamb	08 37 56.0
PANT	comp=Z,4.7nm,1.9s Pantanal (Braz	32.47 141	eP	P	08 37 48.7 -1.8
R50A	baz=167 Paris	32.55 350	P	Iamb	08 37 51.4 +0.4
R50A	comp=Z,1.7nm,1.2s Paris	32.55 350	P	Iamb	08 37 57.9
R50A	baz=167 Paris	32.55 350	P	P	08 37 52.6 +1.6
R50A	baz=167 Paris	32.55 350	P	P	08 37 52.6 +1.6
Z35A	baz=167 Perchaven, San	32.60 329	P	P	08 37 52.8 +1.2
Z35A	comp=Z,2.2nm,1.1s Perchaven, San	32.60 329	P	Iamb	08 37 56.8
Z35A	baz=142 Perchaven, San	32.60 329	P	P	08 37 52.7 +1.2
PP1B	baz=137 Ponte de Pedra	32.61 137	eP	P	08 37 50.5 -1.3
X37A	baz=137 Clayton	32.69 332	P	P	08 37 53.7 +1.3
R49A	baz=146 Shelbyville	32.71 349	P	P	08 37 53.9 +1.5
R49A	baz=166 Shelbyville	32.71 349	P	P	08 37 53.9 +1.5
Q56A	baz=177 Snyder Ridge,	32.76 358	P	P	08 37 55.2 +2.3
Q56A	baz=177 Snyder Ridge,	32.76 358	P	P	08 37 55.2 +2.3
Q54A	baz=174 Cox Mills	32.80 355	P	P	08 37 55.6 +2.3
Q54A	baz=174 Cox Mills	32.80 355	P	P	08 37 55.6 +2.3
WCI	baz=174 Wyandotte Cave	32.87 347	P	Iamb	08 37 55.1 +1.2
WCI	comp=Z,1.6nm,1.0s Wyandotte Cave	32.87 347	P	Iamb	08 38 21.5
WCI	baz=174 Wyandotte Cave	32.87 347	P	Pmax	08 37 55.1 +1.2
WCI	comp=Z,1.6nm,1.0s Wyandotte Cave	32.87 347	P	Pmax	08 38 21.5
WCI	baz=164 Wyandotte Cave	32.87 347	P	P	08 37 55.7 +1.8
WCI	baz=164 Wyandotte Cave	32.87 347	P	P	08 37 55.6 +1.7
Q52A	baz=171 Bidwell	32.92 353	P	P	08 37 56.2 +1.8
Q52A	baz=171 Bidwell	32.92 353	P	P	08 37 56.2 +1.8
USIN	baz=171 University of	32.94 345	P	P	08 37 54.5 -0.1
SDMD	baz=181 Soldier's Deli	33.11 111	P	P	08 37 57.0 +1.1
S44A	baz=181 Carbondale	33.12 343	P	Iamb	08 37 56.1 0.0
S44A	comp=Z,2.6nm,1.2s Carbondale	33.12 343	P	Iamb	08 38 02.5
U40A	baz=158 Yellville	33.13 337	P	P	08 37 57.3 +2.1
U40A	baz=151,SNR=14 Yellville	33.13 337	P	P	08 37 57.2 +1.1
P57A	baz=179 Homestead Farm	33.18 359	P	P	08 37 57.6 +1.1
P57A	baz=179 Homestead Farm	33.18 359	P	P	08 37 58.2 +1.9
P57A	baz=179 Homestead Farm	33.18 359	P	P	08 37 58.4 +1.9
P53A	baz=173 Whipple	33.35 355	P	P	08 37 59.8 +1.7
P53A	baz=173 Whipple	33.35 355	P	P	08 37 59.8 +1.7
ABTX	baz=173 Abilene, Hawle	33.36 325	P	P	08 37 59.6 +1.2
ABTX	baz=173 Abilene, Hawle	33.36 325	P	P	08 37 59.4 +1.1
ABTX	baz=137 Abilene, Hawle	33.36 325	P	P	08 37 59.2 +0.9
SMTB	baz=137 Santa Maria do	33.48 116	eP	P	08 37 58.1 -1.4
BDQN	baz=137 Bodoquena, MS	33.48 143	eP	P	08 37 57.9 -1.5
HHAR	baz=137 Hobbs	33.49 336	P	Iamb	08 38 01.0 +0.7
HHAR	comp=Z,3.1nm,1.4s Hobbs	33.49 336	P	Iamb	08 38 04.5
ARAG	baz=137 Araguainia, MT	33.57 131	eP	P	08 37 58.2 -2.0
P52A	baz=137 Corning	33.57 354	P	P	08 38 01.4 +1.4
WTF5	baz=137 Wichita Falls	33.57 328	P	Iamb	08 38 01.4 +1.3
WTF5	comp=Z,2.2nm,1.0s Wichita Falls	33.57 328	P	Iamb	08 38 06.5
TXAR	comp=Z,1.2nm,0.8s,slow=9.3,SNR=13 Lajitas Array	33.68 316	P	P	08 38 02.5 +1.4
TXAR	comp=Z,2.3nm,0.8s,slow=5.8,SNR=11 Lajitas Array	33.68 316	P	PcP	08 40 42.4 +1.2
TXAR	comp=Z,2.3nm,0.8s,slow=5.8,SNR=11 Lajitas Array	33.68 316	P	LR	08 54 13.1
TXAR	comp=Z,3.0nm,1.8s,slow=12.3,slow=41 Lajitas Array	33.68 316	P	P	08 38 02.8 +1.6
TX31	comp=Z,1.2nm,0.8s Lajitas Ar. Si	33.68 316	P	Iamb	08 38 02.2 +1.0
TX31	comp=Z,3.9nm,1.4s Lajitas Ar. Si	33.68 316	P	Iamb	08 38 42.6
TX31	baz=128 Lajitas Ar. Si	33.68 316	P	P	08 38 02.7 +1.5
TX32	baz=128 Lajitas Array	33.68 316	P	P	08 38 02.4 +1.2
FVM	comp=Z,3.3nm,1.1s French Village	33.74 342	P	Iamb	08 38 02.5 +1.0
FVM	comp=Z,3.3nm,1.1s French Village	33.74 342	P	Pmax	08 38 02.5 +1.0
FVM	comp=Z,3.3nm,1.2s French Village	33.74 342	P	P	08 38 02.5 +1.0
OLIL	baz=161 Olney	33.78 345	P	P	08 38 02.2 +0.4
OLIL	baz=161 Olney	33.78 345	P	P	08 38 02.8 +1.0
U38A	baz=149 Gravette	33.81 335	P	P	08 38 01.9 -0.3
U38A	baz=149 Gravette	33.81 335	P	P	08 38 02.7 +0.5
AC02	baz=166 Maricunga	33.82 166	P	Iamb	08 38 04.8 +1.9
AC02	comp=Z,3.5nm,1.1s Maricunga	33.82 166	P	Iamb	08 38 06.5
BLO	baz=166 Bloomington	33.83 348	P	P	08 38 02.3 +0.1
BLO	comp=Z,2.3nm,0.8s Bloomington	33.83 348	P	Iamb	08 38 23.2
BLO	comp=Z,2.3nm,0.8s Bloomington	33.83 348	P	Pmax	08 38 02.3 +0.1
P49A	comp=Z,2.3nm,0.9s Miami Univ. Ec	33.83 350	P	P	08 38 02.8 +0.6
P49A	baz=167 Miami Univ. Ec	33.83 350	P	P	08 38 02.8 +0.6
W35A	baz=166 Tecumseh	33.86 331	P	P	08 38 03.3 +0.7
P48A	baz=166 Milroy	33.89 349	P	P	08 38 03.2 +0.5
P48A	baz=166 Milroy				

21d 8h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SDBA SAO DESIDERIO, IPMB Ipameri, GO, PCMB Pacaba, etc.

2017 MAR

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like VAO Valinhos, MVO Mesa Verde, MVO Mesa Verde, etc.

1230

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MPMC Manual Flores, PLCA Paso Flores, REDW Red Top Meadow, etc.

PCVE	A	A	08 42 34.9
PMTG	70.19	51 eP	08 42 33.7 +0.7
PMTG	A	A	08 42 43.8
COI	70.21	50 eP	08 42 34.7 +1.6
COI	A	A	08 42 35.3
HVT	70.27	333 P	08 42 34.3 +1.1
EVO	70.28	51 eP	08 42 33.5 0.0
EVO	A	A	08 42 37.6
PBEJ	70.32	52 eP	08 42 35.0 +1.2
PBEJ	A	A	08 42 35.8
N30M	70.35	334 P	08 42 34.9 +1.3
TULEG	70.50	2 P	08 42 34.6 +0.5
SUMG	70.50	12 iP	08 42 35.1 +0.4
SUMG	IAMB	IAMB	08 42 36.1
O29M	70.55	333 P	08 42 36.0 +1.1
BORG	70.56	22 LR	09 10 43.4
PESTR	70.65	51 P	08 42 36.0 +0.2
PESTR	IAMB	IAMB	08 42 37.6
PESTR	70.65	51 eP	08 42 36.5 +0.7
PESTR	A	A	08 42 37.8
PVIS	70.68	49 eP	08 42 36.8 +0.7
PVIS	A	A	08 42 49.6
M30M	70.69	335 P	08 42 37.1 +1.4
M30M	70.69	335 P	08 42 36.7 +1.0
YUK6	70.70	333 P	08 42 37.1 +1.1
MAYO	70.77	336 P	08 42 36.4 +0.4
POLO	70.86	48 eP	08 42 38.0 +0.8
POLO	A	A	08 42 44.0
PCBR	70.87	50 eP	08 42 38.1 +1.0
PCBR	A	A	08 42 50.6
PMRV	70.88	50 eP	08 42 37.7 +0.5
PMRV	A	A	08 42 47.9
MTE	70.90	49 eP	08 42 37.8 +0.4
MTE	A	A	08 42 41.7
PVRL	70.90	49 eP	08 42 38.4 +1.0
PVRL	A	A	08 42 42.9
PBAR	70.99	52 eP	08 42 38.7 +0.8
PBAR	A	A	08 42 40.3
YUK4	70.99	334 P	08 42 38.4 +0.7
PINM	71.25	332 P	08 42 39.7 +0.6
M29M	71.34	335 P	08 42 40.1 +0.4
MVO	71.40	49 eP	08 42 41.2 +0.8
MVO	A	A	08 42 41.8
YUK8	71.46	333 P	08 42 40.9 +0.2
O28M	71.46	333 P	08 42 41.3 +0.7
L29M	71.47	335 P	08 42 41.4 +1.0
K29M	71.53	336 P	08 42 41.8 +1.0
PBRG	71.70	48 eP	08 42 41.9 -0.3
PBRG	A	A	08 42 53.6
F31M	71.80	340 P	08 42 43.1 +0.9
A36M	71.95	346 P	08 42 42.4 -0.6
A36M	P	P	08 42 42.3 -0.7
YUK3	71.95	334 P	08 42 42.9 -0.6
J29M	72.07	337 P	08 42 44.4 +0.5
TIC	72.11	85iP	08 42 44.6 -0.5
LIC	72.14	85iP	08 42 44.9 -0.4
INK	72.16	341 P	08 42 44.2 -0.1
INK	72.16	341 P	08 42 44.2 -0.1
INK	72.16	341 P	08 42 44.2 -0.1
INK	72.16	341 P	08 42 44.2 -0.1
BARN	72.24	333 P	08 42 44.5 +0.2
BARN	IAMB	IAMB	08 42 55.9
DBIC	72.27	85 P	08 42 46.1 0.0
DBIC	72.27	85 P	08 42 45.7 -0.4
DBIC	72.27	85 P	08 42 45.7 -0.4
DBIC	72.27	85 P	08 42 45.7 -0.4
EPYK	72.33	339 P	08 42 45.8 +0.4
EPYK	IAMB	IAMB	08 42 53.0
EPYK	72.33	339 P	08 42 45.4 0.0
BVCY	72.36	334 P	08 42 46.1 +0.4
DAWY	72.38	336 P	08 42 46.2 +0.4
DAWY	72.38	336 P	08 42 46.6 +0.8
KIC	72.41	85iP	08 42 46.6 -0.3
G30M	72.43	339 P	08 42 46.7 +0.6
I29M	72.48	337 P	08 42 47.2 +0.9
NEEM	72.63	6 iP	08 42 48.2 +0.8
NEEM	IAMB	IAMB	08 42 49.2
M27K	72.79	334 P	08 42 50.1 +1.7
M27K	IAMB	IAMB	08 42 55.2
M27K	72.79	334 P	08 42 49.0 +0.6
MCARA	72.97	333 P	08 42 50.4 +1.1
BCAR	73.00	335 P	08 42 50.5 +1.0
L27K	73.01	335 P	08 42 50.9 +1.3
L27K	IAMB	IAMB	08 42 56.4
L27K	73.01	335 P	08 42 51.5 +1.9
PAB	73.23	51 P	08 42 51.6 +0.3
PAB	IAMB	IAMB	08 42 53.3
PAB	73.23	51 P	08 42 51.7 +0.3
PAB	73.23	51 P	08 42 51.7 +0.3
M26K	73.29	334 P	08 42 53.0 +1.7
GLB	73.35	333 P	08 42 53.5 +1.9
GLB	IAMB	IAMB	08 42 59.0
EGAK	73.36	336 P	08 42 52.6 +1.1
EGAK	IAMB	IAMB	08 42 58.6
EGAK	73.36	336 P	08 42 52.3 +0.8
K27K	73.46	336 P	08 42 52.8 +0.7
ESDC	73.54	51 P	08 42 53.8 +0.6
ESDC	73.54	51 P	08 42 53.8 +0.6
ESDC	73.54	51 P	08 42 53.8 +0.6
ESDC	73.54	51 P	08 42 53.8 +0.6

ESDC	comp=Z,15nm,1.1s	IAMB	IAMB	08 42 55.3
ESBB	73.54	51 P	08 42 54.0 +0.8	
L26K	73.65	334 P	08 42 54.0 +0.6	
N25K	73.76	333 P	08 42 55.1 +1.1	
I27K	73.84	337 P	08 42 55.7 +1.3	
H27K	74.04	338 P	08 42 56.5 +0.9	
SCRK	74.23	335 P	08 42 57.9 +1.1	
HARP	74.25	333 P	08 42 58.1 +1.3	
G27K	74.31	338 P	08 42 57.8 +0.7	
KLU	74.33	332 P	08 42 57.6 +0.2	
I26K	74.34	337 P	08 42 58.1 +0.8	
RIDG	74.52	335 P	08 42 59.2 +0.8	
PAX	74.56	334 P	08 43 00.0 +1.3	
M24K	74.62	333 P	08 43 00.5 +1.4	
PPT	74.80	250 LR	09 09 05.4	
PPT2	74.80	250 eLR	09 06 05.0	
PPT2	74.80	250 eLR	09 06 05.0	
E27K	74.81	340 P	08 43 00.9 +0.9	
K24K	74.93	335 P	08 43 01.7 +0.9	
SCM	75.07	333 P	08 43 01.8 +0.2	
G26K	75.14	338 P	08 43 02.8 +0.9	
M23K	75.24	332 P	08 43 03.3 +0.7	
PWL	75.29	331 P	08 43 03.8 +0.9	
PRP	75.35	336 P	08 43 04.0 +0.7	
KNK	75.48	332 P	08 43 05.1 +1.1	
SML	75.52	332 P	08 43 05.0 +0.7	
F26K	75.53	339 P	08 43 05.2 +1.0	
BMAR	75.60	338 P	08 43 05.9 +1.3	
HDA	75.60	335 P	08 43 05.2 +0.6	
DBG	75.62	14 eP	08 43 04.3 -0.2	
SEW	75.65	331 P	08 43 06.0 +1.1	
IL31	75.68	336 P	08 43 05.7 +0.7	
ILAR	75.68	336 P	08 43 05.0 0.0	
ILAR	75.68	336 P	08 43 05.2 +0.2	
ILAR	75.68	336 P	08 43 05.2 +0.2	
PMR	75.84	332 P	08 43 06.3 +0.3	
O22K	75.87	331 P	08 43 06.1 -0.1	
WAT1	75.87	333 P	08 43 06.3 +0.1	
G25K	75.95	338 P	08 43 06.5 0.0	
POKR	76.00	336 P	08 43 07.0 +0.1	
RC01	76.01	332 P	08 43 07.3 +0.4	
F25K	76.04	339 P	08 43 07.0 -0.1	
C27K	76.05	341 P	08 43 07.6 +0.5	
COLA	76.10	336 iP	08 43 08.0 +0.6	
COLA	76.10	336 P	08 43 07.1 -0.3	
COLA	76.11	336 P	08 43 07.3 -0.2	
COLA	76.15	334 P	08 43 08.9 +1.1	
RND	76.15	334 P	08 43 08.9 +1.1	
RND	76.15	334 P	08 43 08.9 +1.1	
RND	76.15	334 P	08 43 08.9 +1.1	
E25K	76.18	339 P	08 43 08.0 +0.0	
BRSE	76.21	330 P	08 43 08.5 +0.3	
MCK	76.27	334 P	08 43 08.7 +0.2	
H24K	76.37	337 P	08 43 09.4 +0.3	
G24K	76.45	337 P	08 43 09.7 +0.2	
NEA2	76.55	335 P	08 43 09.8 -0.1	
C26K	76.54	341 P	08 43 09.9 +0.1	
CUT	76.55	333 P	08 43 11.3 +1.3	
SUA	76.57	332 P	08 43 10.7 +0.4	
HOM	76.66	330 P	08 43 10.9 +0.3	
TRF	76.79	334 P	08 43 12.3 +0.7	
I23K	76.79	336 P	08 43 12.1 +0.8	
I23K	76.79	336 P	08 43 12.5 +1.2	
KDAK	76.79	328 LR	09 19 43.1	
D25K	76.83	340 P	08 43 12.5 +0.9	
F24K	76.84	338 P	08 43 12.0 +0.3	
H23K	77.03	336 P	08 43 13.4 +1.0	
SKT	77.04	332 P	08 43 13.8 +1.0	
DAG	77.19	12 iP	08 43 13.1 -0.3	
DAG	IAMB	IAMB	08 43 14.1	
SPCR	77.20	331 P	08 43 14.5 +0.7	
BPAW	77.23	334 P	08 43 14.4 +0.5	
BPAW	IAMB	IAMB	08 43 19.5	
BPAW	77.23	334 P	08 43 14.3 +0.5	
MLY	77.33	335 P	08 43 15.3 +0.8	
G23K	77.44	337 P	08 43 16.0 +1.0	
PPLA	77.52	333 P	08 43 16.4 +0.7	
CAST	77.57	334 P	08 43 16.6 +0.7	
E23K	77.62	339 P	08 43 17.0 +0.9	
COLD	77.63	338 P	08 43 17.1 +1.0	
C24K	77.73	340 P	08 43 17.0 +0.5	
CHUM	77.76	334 P	08 43 17.2 +0.4	
M20K	77.76	332 P	08 43 16.8 -0.2	
I21K	77.88	335 P	08 43 17.8 +0.4	
G22K	78.06	337 P	08 43 18.7 +0.4	
O19K	78.06	330 P	08 43 18.7 +0.2	
O18K	78.19	329 P	08 43 20.1 +0.6	
L20K	78.21	333 P	08 43 20.0 +0.6	
D23K	78.22	339 P	08 43 19.6 +0.3	
N19K	78.23	331 P	08 43 19.9 +0.3	

TORD	78.28	78 P	08 43 20.4 -0.3
TORD	78.28	78 P	08 43 20.4 -0.3
TORD	78.28	78 P	08 43 20.4 -0.3
TORD	78.28	78 P	08 43 20.4 -0.3
H21K	78.31	336 P	08 43 20.3 +0.4
M19K	78.36	332 P	08 43 20.6 +0.4
P18K	78.40	329 P	08 43 20.5 0.0
E22K	78.44	338 P	08 43 20.7 +0.2
K20K	78.44	333 P	08 43 21.2 +0.6
O18K	78.45	330 P	08 43 21.4 +0.6
Q17K	78.46	328 P	08 43 22.0 +0.3
L19K	78.61	332 P	08 43 22.4 +0.8
CLF	78.70	42 P	08 43 22.7 +0.3
G21K	78.75	337 P	08 43 23.2 +0.9
IMAR	78.75	336 P	08 43 22.5 +0.2
R17K	78.80	327 P	08 43 23.0 +0.4
SVW2	78.83	331 P	08 43 23.8 +0.0
SVW2	IAMB	IAMB	08 43 27.6
F21K	78.88	337 P	08 43 23.9 +1.0
N18K	78.90	331 P	08 43 23.6 +0.4
Q16K	79.05	329 P	08 43 24.6 +0.7
TTA	79.25	333 P	08 43 25.8 +0.6
O17K	79.39	330 P	08 43 26.6 +0.7
P16K	79.78	329 P	08 43 22.1 +1.2
NOR	79.78	8 eP	08 43 28.2 +0.3
NOR	IAMB	IAMB	08 43 29.8
GCSA	79.86	335 P	08 43 29.4 +1.1
O16K	79.88	329 P	08 43 28.8 +0.3
N16K	80.29	330 P	08 43 30.8 0.0
WLF	81.33	41 P	08 43 37.8 +1.3
WLF	81.33	41 P	08 43 37.8 +1.3
WLF	81.33	41 P	08 43 37.8 +1.3
WLF	81.33	41 P	08 43 37.8 +1.3
TAM			

Table with columns: STA, Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, P, M, L, R, and various numerical values for each station.

Table with columns: STA, Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, P, M, L, R, and various numerical values for stations like Gaotai, Nanjing, Alice Springs, etc.

UPA 21 08:40:42.2, 3.5, 5.28N, 77.74W, h0km, 155km, MW4.6
RSNC 21 08:40:51.6, 0.7, 6.12N, 77.81W, h8km, 4km, ML3.0, Mw3.5
ISC 21 08:40:54.2, 1.5, 6.09N, 0.04, 77.82W, 0.04, h2.7km, 16km, n25, e206/28, 3D, Near west coast of Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, P, M, L, R, and various numerical values for stations like Pizarro, Choco, Ciudad Bolivar, etc.

THE 21 08:42:12.9, 39.75N, 20.83E, h27km, 1km, ML2.3/5, Error ellipse: s-maj=1.7km s-min=0.7km az=132.0
ATH 21 08:42:13.3, 39.88N, 20.77E, h12km, 2km, ML2.3/4, Error ellipse: s-maj=2.8km s-min=1.4km az=254.0, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, P, M, L, R, and various numerical values for stations like Janina, Javorina, Maruska, etc.

Table with columns: STA, Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, P, M, L, R, and various numerical values for stations like Lomas de Alarc, Alcantia de Sa, Pacaya, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like VBMS Vicksburg Union, WHTX Lake Whitney, TXAR Carrollton, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, MASAI Masahi, AMBON Ambon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PACHO Pacheco Peak, CANADA Canada Road, GHS Gilroy Hot Spr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SACO Pacheco Peak, CANADA Canada Road, GHS Gilroy Hot Spr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JSCM Stevens Creek, JSMJ St Joseph, PUMB Monarch Peak, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMRM Maxey Ranch, TCHL Shandon, ARDC Alexander Ranch, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WAKR Wacker, MTUM Tungsten Hills, EMB Emerald Bay, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WAMM Alta Sierra Ca, ISA Isabella, Lake, LHV Little Hunt, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RCP Lazi, Siquijor, ASRS 21 09:16:39.0, NNC 21 09:16:45.1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDC 21 09:29:20.2, I46RU ZALESOV INFRA, ZALV Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ROM 21 09:30:39.0, I46RU ZALESOV INFRA, ZALV Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like T1245 Castelsantange, T1245 Arquata del Tr, T1214 Montemonaco, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like T1212 Cascia, Frazio, T1212 Roccafulvione, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ROM 21 09:31:02.6, GATE Gambatesa, etc.

SNOW	Snow King Moun	48.51 324	P	P	10 38 51.5 +0.6
SNOW					10 38 53.3
DMGT	Dagmar	48.53 333	P	P	10 38 51.3 +0.5
DMGT	Dagmar	48.53 333	P	P	10 38 51.6 +0.9
TPNV	Topopah Spring	48.62 314	P	P	10 38 52.9 +1.2
Q12A	Willow Creek R	48.62 317	I	Amb	10 38 54.2
TPAW	Teton Pass	48.64 324	I	Amb	10 38 52.5
MOOV	Moose Ponds	48.68 325	P	P	10 38 52.6 +0.5
RLMT	Red Lodge	48.71 327	P	P	10 38 53.0 +0.6
HVU	Hansel Valley	48.74 321	P	P	10 38 53.2 +0.6
R11B	Troy Canyon, C	48.80 316	P	P	10 38 54.1 +1.0
IMW	Indian Meadow	48.88 325	I	Amb	10 38 55.2
H17A	Grant Village	48.98 325	P	P	10 38 55.3 +0.8
EDW2	Edwards Air Fo	49.01 311	P	P	10 38 55.5 +0.8
MPMC	Manual Prospec	49.12 312	P	P	10 38 56.2 +0.5
CCAC	Calif City Air	49.14 311	P	P	10 38 55.5 -0.2
GCMT	Greycliff	49.38 327	P	P	10 38 58.0 +0.8
YMR	Madison River	49.38 325	I	Amb	10 38 58.4 +1.4
YMR					10 38 59.5
DSP	Deep Springs	50.04 314	I	Amb	10 39 04.6
VES	Vestal, Richgr	50.22 311	P	P	10 39 04.6 +0.9
BOZ	Bozeman (W)	50.31 326	P	P	10 39 05.0 +0.6
BOZ					10 39 05.7
BOZ	Bozeman (W)	50.31 326	P	P	10 39 05.3 +0.9
MCMT	McKenzie Canyo	50.53 325	P	P	10 39 07.0 +0.7
DLMT	Dillon	50.70 325	I	Amb	10 39 08.1 +0.7
DLMT					10 39 09.5
HLID	Hailey	50.73 322	P	P	10 39 08.6 +0.9
NVAR	Mina Array Bea	50.74 315	P	P	10 39 08.4 +0.6
NVAR					10 39 33.8 +0.5
NVAR					10 40 23.9 +0.4
NVAR					10 39 08.8 +1.0
EGMT	Eagleton	50.86 330	P	P	10 39 09.9 +1.4
KVN	Kaiserville	50.87 316	P	P	10 39 09.0 +0.2
HRV	Holter Researc	51.10 327	P	P	10 39 11.1 +0.7
MFID	Camas Ranch	51.52 322	I	Amb	10 39 13.8 +0.3
MFID					10 39 15.1
MSO	Missoula	52.33 326	P	P	10 39 19.8 +0.4
PLID	Pearl Lake	52.52 323	P	P	10 39 21.2 +0.2
PLID					10 39 22.0
FFC	Flin Flon	52.53 340	P	P	10 39 20.9 +0.3
FFC					10 39 21.4
WVOR	Wild Horse Val	52.80 319	P	P	10 39 23.5 +0.4
WVOR					10 39 25.3
J08A	Circle Bar Ran	53.15 320	P	P	10 39 26.1 +0.6
FCC	Fort Churchill	53.80 347	P	P	10 39 29.5 -0.3
G08A	Pilot Rock	54.41 322	I	Amb	10 39 35.6 +0.9
G08A					10 39 36.2
J05D	Fort Rock, OR	54.89 319	P	P	10 39 39.1 +0.9
NEW	Newport	54.92 326	P	P	10 39 38.3 +0.1
PINE	Pine Mountain	54.93 320	P	P	10 39 39.8 +1.2
B08A	Colville Reser	56.21 325	I	Amb	10 39 48.1
LTY	Liberty	56.42 323	I	Amb	10 39 51.2
YKA	Yellowknife Ar	62.71 340	P	P	10 40 31.9 +0.1
YKA					10 40 58.9 +1.0
KOTAN	Kotanelee Air	64.86 335	P	P	10 40 46.7 +0.7
LIRD	Liard River Hi	65.36 334	P	P	10 40 49.6 +0.4
T35M	Bob Quinn	66.17 330	P	P	10 40 55.4 +1.0
WRGLY	Wrigley	66.34 338	P	P	10 40 55.8 +0.4
DLBC	Dease Lake	66.69 332	P	P	10 40 59.0 +1.1
DLBC					10 40 59.8
WTLY	Watson Lake, Y	66.90 334	P	P	10 40 60.0 +0.8
WTLY					10 41 00.6
WTLY					10 40 59.9 +0.8
S34M	Telegraph Cree	67.00 331	P	P	10 41 00.8 +1.2
Q32M	Nakina River	67.98 332	P	P	10 41 07.3 +1.2
KULLO	Kullorsuaq	68.08 5	eP	I	10 41 05.9 -0.3
KULLO					10 41 08.1
S32K	Killinoo	68.52 330	P	P	10 41 10.2 +1.0
P33M	Teslin, Yukon	68.75 333	P	P	10 41 12.0 +1.3
P33M					10 41 11.7 +0.9
R32K	Eaglecrest	68.79 330	P	P	10 41 12.3 +1.3
SUMG	Summit	68.81 11	iP	P	10 41 11.0 -0.3
SUMG					10 41 12.9
P32M	Atlin	68.91 332	P	P	10 41 12.7 +0.9
N32M	Quiet Lake	69.25 334	P	P	10 41 14.7 +0.9
TULEG	Thule	69.41 1	P	P	10 41 15.0 +0.5
TULEG					10 41 15.9
TULEG					10 41 14.8 +0.4
TULEG					10 41 15.6
SKAG	Skagway	69.62 331	P	P	10 41 17.0 +1.0
FARO	Faro, Yukon	69.81 335	P	P	10 41 18.2 +1.0
ESDC	Sonsecia Array	70.02 50	P	P	10 41 18.7 -0.3
ESDC					10 41 46.5 +1.0
M31M	Drury Creek, Y	70.25 334	P	P	10 41 21.1 +1.2
O30N	Mendenhall	70.46 333	P	P	10 41 22.3 +1.1
N31M	Braeburn, Yuko	70.58 333	P	P	10 41 23.3 +1.4
N31M					10 41 24.0
P30M	Million Dollar	70.63 332	P	P	10 41 23.4 +1.1
HYT	Haines Junctio	71.12 332	P	P	10 41 26.7 +1.4
N30M	Aishkik Lake	71.16 333	P	P	10 41 26.9 +1.5
NEEM	North Greenlan	71.30 5	eP	P	10 41 26.4 0.0
NEEM					10 41 27.6
M30M	Minto, Yukon	71.43 334	P	P	10 41 27.8 +0.8
M30M					10 41 28.8
M30M					10 41 27.9 +0.8
MAYO	Mayo, Yukon	71.43 335	I	Amb	10 41 29.5

MAYO	Mayo, Yukon	71.43 335	P	P	10 41 28.8 +1.8
YUK6	Outpost Mounta	71.56 332	P	P	10 41 28.9 +0.8
YUK4	Talbot Ar	71.82 333	P	P	10 41 30.6 +1.0
A36M	Sachs Harbour	71.94 345	P	P	10 41 30.0 +0.1
A36M	Sachs Harbour	71.94 345	P	P	10 41 29.8 0.0
M29M	Somme Creek	72.11 334	P	P	10 41 32.1 +1.0
F31M	Tsigehtchic	72.18 339	P	P	10 41 31.9 +0.6
L29M	L29M	72.19 335	P	P	10 41 32.3 +0.7
K29M	Barlow Dome	72.19 335	P	P	10 41 32.5 +0.9
YUK8	Steels Glacier	72.31 332	P	P	10 41 33.5 +0.9
INK	Inuvik	72.48 340	P	P	10 41 33.5 +0.4
INK					10 41 34.3
J29M	Klondike Camp	72.69 336	P	P	10 41 34.8 +0.2
J29M					10 41 36.6
J29M	Klondike Camp	72.69 336	P	P	10 41 35.9 +1.3
YUK3	Moose Creek	72.78 333	P	P	10 41 36.5 +1.2
EPYK	Eagle Plains	72.81 338	P	P	10 41 35.9 +0.7
EPYK					10 41 36.2
EPYK	Eagle Plains	72.81 338	P	P	10 41 35.8 +0.6
G30M	Atoh Zraii Nji	72.87 339	P	P	10 41 36.1 +0.6
DAWY	Dawson	73.04 335	P	P	10 41 37.3 +0.6
DAWY					10 41 37.5 +0.8
I29M	Ogilvie Camp,	73.05 337	P	P	10 41 37.3 +0.7
I29M					10 41 37.1 +0.6
BVCY	Beaver Creek	73.15 333	P	P	10 41 38.7 +1.4
M27K	Edge Creek, AK	73.59 333	P	P	10 41 41.2 +1.2
M27K					10 41 42.4
M27K	Edge Creek, AK	73.59 333	P	P	10 41 41.3 +1.4
M27K					10 41 41.9 +1.1
BCAR	Beaver Creek A	73.75 334	P	P	10 41 41.7 +0.8
L27K	Beaver Creek	73.77 334	I	Amb	10 41 43.1
L27K					10 41 42.2 +1.3
DBG	Daneborg	73.81 13	eP	P	10 41 40.8 0.0
MCARA	McCarthy VSAT	73.85 332	P	P	10 41 42.8 +1.4
EGAK	Eagle	74.00 336	P	P	10 41 43.0 +0.9
EGAK					10 41 43.9 +1.8
M26K	Nabesna, AK	74.11 333	P	P	10 41 43.8 +0.9
K27K	Chicken	74.16 335	P	P	10 41 44.3 +1.2
TORD	Torodi Ar, Bea	74.40 78	P	P	10 41 43.8 -1.7
TORD					10 42 10.8 -1.5
L26K	Log Cabin Wild	74.43 334	I	Amb	10 41 46.9
L26K					10 41 46.0 +1.4
I27K	Kandik River	74.43 336	P	P	10 41 45.5 +0.8
H27K	Steamboat Moun	74.59 337	P	P	10 41 46.3 +0.7
N25K	Chitina, Valde	74.64 332	P	P	10 41 47.2 +1.2
G27K	Doyon Strip	74.82 338	P	P	10 41 46.6 -0.3
DOT	Dot Lake	74.90 334	P	P	10 41 48.4 +1.1
EYAK	Cordova Ski Ar	74.94 331	P	P	10 41 48.3 +0.7
SCRK	Sand Creek	74.95 335	P	P	10 41 48.5 +0.7
SCRK					10 41 50.4
SCRK	Sand Creek	74.95 335	P	P	10 41 48.9 +1.1
I26K	Coal Creek Min	74.96 336	P	P	10 41 47.9 +0.2
E27K	Coleen River	75.22 339	P	P	10 41 50.0 +0.8
KLU	Klutina	75.23 332	P	P	10 41 50.2 +0.8
RIDG	Independent Ri	75.26 334	P	P	10 41 50.6 +1.1
PAX	Paxson	75.35 333	I	Amb	10 41 51.6
PAX					10 41 50.8 +0.7
M24K	Tolson, Glenn	75.48 332	P	P	10 41 51.8 +1.0
DAG	Danmarks Havn	75.49 11	iP	P	10 41 49.0 -1.5
DAG					10 41 51.3
DAG					10 41 50.0 -0.5
DAG					10 42 20.9 +3.5
G26K	Porcupine Rive	75.66 338	P	P	10 41 52.0 +0.4
K24K	Donnelly Dome	75.68 334	P	P	10 41 52.8 +0.9
SCM	Sheep Creek Mo	75.95 332	P	P	10 41 54.5 +1.0
SCM					10 41 55.2
SCM					10 41 54.3 +0.7
PRP	Porcupine Dome	75.97 336	P	P	10 41 54.4 +0.7
PRP					10 41 54.9
PRP					10 41 54.1 +0.5
F26K	Sheenjek River	76.00 338	P	P	10 41 55.0 +1.3
BMAR	Burnt Mountain	76.09 338	P	P	10 41 55.0 +0.9
FYU	Fort Yukon	76.12 337	I	Amb	10 41 55.2 +1.0
M23K	Glacier View	76.13 332	P	P	10 41 55.1 +0.7
PWL	Port Wells	76.25 331	P	P	10 41 55.3 +0.1
HDA	Harding Lake	76.31 335	P	P	10 41 55.8 +0.1
IL31	Ilar	76.36 335	P	P	10 41 55.5 -0.1
ILAR					10 41 55.8 +0.1
ILAR					10 42 21.8 -1.0
ILAR					10 44 46.1 -2.4
C27K	Jago River	76.39 340	P	P	10 41 56.3 +0.6
KNK	Knig Glacier	76.41 332	P	P	10 41 56.5 +0.4
SML	Sawmill	76.42 332	P	P	10 41 56.5 +0.4
SML					10 41 58.1
SML					10 41 56.8 +0.7
G25K	Bearman Lake	76.50 337	P	P	10 41 57.4 +1.0
F25K	Christian River	76.53 338	P	P	10 41 57.4 +0.8
E25K	Arctic Village	76.63 339	P	P	10 41 58.1 +0.9

21d 13h

Table with columns for station call signs (e.g., WBO, WRA, WRA), frequencies, and various status indicators (P, S, I, etc.).

2017 MAR

Table with columns for station call signs (e.g., CTA, CTAO, CTAO), frequencies, and various status indicators (P, S, I, etc.).

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Table with columns for station call signs (e.g., MJB9, CN2, CN2), frequencies, and various status indicators (P, S, I, etc.).

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like RDO Rodhopi, VRI Vrincoiaia, PLOR Plostina, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like GERES GERESS Array B, KHC Kasperke Hory, SPITS Spitsbergen Ar, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like O48B Farmland, TUL1 Leonard, P46A Rosette, etc.

NFGB Novo Progresso	19.13 43	eP	P	15 06 11.1 -1.7
PLCA Paso Flores	19.15 185	P	P	15 06 13.2 +0.3
PLCA	comp=Z,8.4nm,0.7s,baz=4.1,slow=14,SNR=27	LR	LR	15 15 07.0
PLCA	comp=Z,243nm,18.2s,baz=359,slow=41	LR	LR	15 15 07.0
PLCA Paso Flores	19.15 185	P	P	15 06 12.7 -0.2
PLCA Paso Flores	19.15 185	eP	P	15 06 13.3 +0.4
IPMB Iperameri, GO	19.24 83	eP	P	15 06 13.8 -0.1
RCLB Rio Claro- Sao	19.27 96	eP	P	15 06 14.0 -0.3
SPB Sao Paulo	19.39 100	P	P	15 06 14.2 -1.0
SPB Sao Paulo	19.36 100	P	P	15 06 15.9 +0.3
PET01 Itanhauer-Opay	19.54 102	eP	P	15 06 17.4 +0.3
LL04 Puerto Octay	19.55 189	P	P	15 06 16.4 -0.7
VAO Valinhos	19.78 98	eP	P	15 06 19.4 -0.4
MACA Manacapuru-AM	19.78 23	P	P	15 06 16.3 -3.5
MACA Manacapuru-AM	19.70 23	eP	P	15 06 18.2 -1.5
BDFB Brasilia	20.11 76	P	P	15 06 23.2 -0.3
BDFB	comp=Z,24nm,0.4s,baz=254,slow=10,SNR=38	LR	LR	15 06 22.4 -1.0
BDFB	comp=Z,24nm,0.4s	LR	LR	15 06 23.1 -0.4
BDFB Brasilia	20.11 76	P	P	15 06 22.4 -1.0
BDFB Brasilia	20.11 76	eP	P	15 06 23.9 +0.9
MCRM Macar, Loja	20.54 325	eP	P	15 06 29.0 +0.9
PMNB Patos De Minas	20.75 85	eP	P	15 06 29.5 -0.9
PARB Parabauna	21.02 99	eP	P	15 06 32.5 -0.6
ITTB Itaituba	21.04 37	eP	P	15 06 31.9 -1.5
SCGB SGo Gabriel d	21.40 39	eP	P	15 06 35.8 -1.9
PIAT Ana Titorio	22.68 333	eP	P	15 06 33.9 +3.6
VAS01 Vassouras-RJ	23.05 96	eP	P	15 06 53.0 -1.0
PRPB Parauapebas	23.57 52	eP	P	15 06 57.4 -1.3
SMTB Santa Maria do	23.62 61	eP	P	15 06 58.5 -0.7
JANB Janauba	23.66 78	eP	P	15 06 58.3 -1.4
PIAM La Bonita	23.70 93	eP	P	15 07 03.0 +2.7
OTAV Otavalo	23.88 334	P	P	15 07 01.7 -0.3
OTAV Otavalo	23.88 334	P	P	15 07 01.7 -0.3
OTAV	comp=Z,17nm,0.9s	pmx	pmx	15 07 04.6 +2.6
OTAV Otavalo	23.88 334	eP	P	15 07 09.4 +7.1
CUSE Cuicocha Este	23.92 334	eP	P	15 07 00.9 -1.1
MALB Monte Alegre	23.93 37	eP	P	15 07 03.7 +1.5
FLF1 Flavio Alfaro-	23.95 330	eP	P	15 07 03.1 -0.1
DBU01 Friburgo-RJ	24.05 96	eP	P	15 07 02.8 -1.2
SDBA SAO DESIDERIO	24.14 72	eP	P	15 07 05.4 +1.4
FLC Florenca	24.18 345	eP	P	15 07 13.8 +8.2
CMBB Cumbal	24.28 336	eP	P	15 07 03.8 -2.7
GCUF Volcan Galeras	24.37 338	eP	P	15 07 09.8 +0.7
GARC Garzon, Huila	24.68 343	eP	P	15 07 11.8 -0.4
BOAV Boa Vista	25.05 19	P	P	15 07 12.5 +0.3
BOAV Boa Vista	25.05 19	eP	P	15 07 12.4 +0.3
BBAC Balboa, Cauca	25.07 338	eP	P	15 07 12.1 -0.5
BETC Betania	25.14 343	eP	P	15 07 11.7 -1.4
POPC Popayan, Colom	25.37 340	eP	P	15 07 18.6 +3.2
SJMB Sao Joao De Ma	25.60 88	eP	P	15 07 16.3 -0.9
ALF01 Guarapari-ES	25.73 93	eP	P	15 07 18.9 +0.6
PTGC Puerto Gaitan,	25.93 351	eP	P	15 07 17.4 -2.7
PRAC Prado	25.99 345	eP	P	15 07 22.8 +2.1
JAMC Jamundi, Valle	26.01 341	eP	P	15 07 20.5 -0.6
VILC Villavicencio,	26.11 348	eP	P	15 07 26.3 +4.5
MCPB Macapa, AP	26.41 39	eP	P	15 07 23.7 -0.7
CHIC Chingaza	26.62 348	eP	P	15 07 23.9 +0.8
YOTC Yotoco, Valle	26.64 342	eP	P	15 07 26.6 0.0
ROSC El Rosal	26.95 347	LR	LR	15 19 42.1
BAU01 Guaratinga, BA	27.36 84	eP	P	15 07 32.2 -0.7
TMAB Tom-Au, FA,Br	27.40 94	eP	P	15 07 34.4 +0.8
GUY2C Guyana, Caldas	27.56 345	eP	P	15 07 36.6 +1.4
SPBC San Pablo de B	27.69 348	eP	P	15 07 35.9 -0.1
CBOC Ciudad Bolivar	28.34 344	eP	P	15 07 40.8 -1.0
BARC Barichara	28.44 350	eP	P	15 07 41.2 -1.6
PTBC PUERTO BERRIO,	28.63 347	eP	P	15 07 38.5 -5.7
PTMC Pamplona, Colo	29.18 340	eP	P	15 07 48.1 +1.0
DBBC Dabeiba	29.50 344	eP	P	15 07 53.2 +1.2
ZARC Zaragoza, Cauc	29.64 347	eP	P	15 07 51.9 -1.2
ROSB Rosrio	29.97 55	eP	P	15 07 56.3 +0.2
BAUV El Baul	30.37 0	P	P	15 07 58.3 -1.3
BAUV	comp=Z,41nm,1.0s	Iamb	Iamb	15 08 29.6
SDV Santo Domingo	30.40 355	LR	LR	15 21 47.6
SDV Santo Domingo	comp=Z,130nm,20.8s,baz=164,slow=39	LR	LR	15 07 57.9 -2.2
SDV Santo Domingo	30.40 355	P	P	15 08 08.7 -1.4
MDP Montagnes des	30.67 32	LR	LR	15 20 57.1
MPGF Montagnes des	comp=Z,111nm,18.9s,baz=236,slow=37	P	P	15 08 01.2 -1.0
EFI East Falkland	31.04 168	eP	P	15 08 04.5 -0.6
EFI	comp=Z,92nm,1.5s	pmx	pmx	15 08 11.6 -2.7
SJCC San Jacinto, C	32.04 347	eP	P	15 08 11.6 -2.7
RCBR Riachuelo	35.05 68	eP	P	15 08 40.0 +0.1
JTS Las Juntas de	35.68 331	LR	LR	15 21 56.9
JTS	comp=Z,106nm,20.4s,baz=36,slow=34	LR	LR	15 08 47.2 +1.4
JTS Las Juntas de	35.68 331	eP	P	15 08 47.2 +1.4
JTS	comp=Z,23nm,1.5s	pmx	pmx	15 08 47.1 +1.4
JTS Las Juntas de	35.68 331	eP	P	15 08 47.1 +1.4
MLPR Magueyes Islan	39.96 2	Iamb	Iamb	15 09 49.4
MLPR	comp=Z,29nm,0.8s	Iamb	Iamb	15 09 27.2 +1.4
HOPE Hope Point	40.50 152	P	P	15 09 27.2 +1.4
HOPE Hope Point	40.50 152	P	P	15 09 27.2 +1.4
HOPE	comp=Z,75nm,0.9s	pmx	pmx	15 09 27.5 +3.0
HOPE Hope Point	40.50 152	P	P	15 09 27.5 +3.0
PETF Flores	43.74 329	Iamb	Iamb	15 09 54.0
TEIG Tepich	45.95 333	P	P	15 10 09.0 -0.9
TEIG	comp=Z,33nm,1.0s	Iamb	Iamb	15 10 10.0
TEIG Tepich	45.95 333	P	P	15 10 08.9 -1.0
TEIG	comp=Z,29nm,0.9s	pP	pP	15 10 38.7 -0.4
TEIG Tepich	45.95 333	eP	P	15 10 52.5 -0.7
CMIG Matias Romero	46.46 324	LR	LR	15 27 49.4
TLIG Tiapa	48.95 320	Iamb	Iamb	15 10 35.3
DWPF Disney Wildern	51.04 345	P	P	15 10 48.8 0.0
DWPF Disney Wildern	51.04 345	P	P	15 10 49.3 +0.5
DWPF Disney Wildern	51.04 345	P	P	15 10 48.7 -0.1
DWPF Disney Wildern	51.04 345	P	P	15 11 19.1 +0.5
656A Willston	52.52 344	P	P	15 11 00.2 +0.5
456A Hilliard	53.69 345	P	P	15 11 08.9 +0.6
553A Crawfordville	53.80 343	P	P	15 11 09.8 +0.7
255A Hazlehurst	54.95 345	P	P	15 11 17.4 0.0
BRAL Brewton	55.49 340	P	P	15 11 20.8 -0.5
BRAL Brewton	55.49 340	P	P	15 11 21.3 0.0
NHSC New Hope	55.59 348	P	P	15 11 22.0 +0.1
NHSC New Hope	55.59 348	P	P	15 11 22.8 +0.9
250A Grady	56.00 342	P	P	15 11 24.2 -0.8
HAW Hawthorne Fire	56.13 347	P	P	15 11 26.0 +0.1
152A Waverly Hall	56.22 343	P	P	15 11 25.0 -1.5
152A	comp=Z,26nm,1.2s	Iamb	Iamb	15 11 26.4
152A Waverly Hall	56.22 343	P	P	15 11 25.6 -0.9
JSC Jenkinsville	56.94 347	P	P	15 11 31.5 -0.1
HODGE Hodges	57.11 346	P	P	15 11 32.6 -0.1
BIRD Birdtown, Kers	57.13 348	Iamb	Iamb	15 11 33.8
BIRD Birdtown, Kers	57.13 348	P	P	15 11 32.9 0.0
Y52A Liburn	57.18 344	P	P	15 11 31.7 -1.6
Y52A	comp=Z,12nm,0.8s	Iamb	Iamb	15 11 33.3
Y52A Liburn	57.18 344	P	P	15 11 32.7 -0.6
Y52A	comp=Z,12nm,0.8s	Iamb	Iamb	15 11 32.7 -0.6
LRAL Lakeview Retre	57.21 341	P	P	15 11 32.1 -1.4

LRAL Lakeview Retre	57.21 341	P	P	15 11 33.3
LRAL Lakeview Retre	57.21 341	P	P	15 11 32.4 -1.1
LRAL Lakeview Retre	57.21 341	P	P	15 11 32.7 -0.7
342B Flagon Creek P	57.51 336	P	P	15 11 36.2 +0.6
W57A Gilead	57.54 349	P	P	15 11 35.5 -0.3
W57A Gilead	57.54 349	P	P	15 11 35.5 -0.3
PAUL Pauline	57.58 347	Iamb	Iamb	15 11 36.3
PAUL Pauline	57.58 347	P	P	15 11 36.2 +0.2
Z47A Carrollton	57.69 340	P	P	15 11 36.0 -0.8
HKT Hockley	57.72 332	P	P	15 11 36.4 -0.6
HKT Hockley	57.72 332	Iamb	Iamb	15 11 38.3
HKT Hockley	57.72 332	dP	dP	15 11 37.0 0.0
HKT Hockley	57.72 332	pmx	pmx	15 11 37.0 0.0
HKT Hockley	57.72 332	P	P	15 11 37.0 0.0
KMCC Kings Mountain	57.79 347	Iamb	Iamb	15 11 37.8
KMCC Kings Mountain	57.79 347	P	P	15 11 37.4 -0.1
Y49A Blount Mountai	57.80 342	Iamb	Iamb	15 11 37.4
Y49A Blount Mountai	57.80 342	P	P	15 11 36.9 -0.8
BG3 Lake Jocassee	57.99 346	Iamb	Iamb	15 11 39.5
CASEE Lake Jocassee	57.99 346	P	P	15 11 38.7 -0.2
V58A Windy Hill, Pi	58.01 350	P	P	15 11 39.1 0.0
V58A	comp=Z,18nm,1.1s	P	P	15 11 39.1 0.0
V58A	comp=Z,20nm,1.2s	P	P	15 11 39.1 0.0
833A Chaparral WMA,	58.02 328	P	P	15 11 39.2 -0.1
833A Chaparral WMA,	58.02 328	P	P	15 11 39.5 +0.1
X51A Calhoun	58.05 344	P	P	15 11 38.8 -0.5
X51A	comp=Z,162,SNR=6.8	P	P	15 11 38.8 -0.5
FPAL Fort Paine	58.23 343	Iamb	Iamb	15 11 40.5
W52A Murphy	58.32 345	Iamb	Iamb	15 11 41.7
W52A Murphy	58.32 345	P	P	15 11 41.1 -0.2
V55A Taylorsville	58.45 348	P	P	15 11 42.7 +0.5
V55A	comp=Z,17nm,1.0s	P	P	15 11 42.7 +0.5
V55A	comp=Z,166,SNR=10	P	P	15 11 42.7 +0.5
X48A Hartselle	58.54 342	P	P	15 11 41.1 -1.7
X48A Hartselle	58.54 342	pP	pP	15 12 12.2 -1.0
X48A Hartselle	58.54 342	P	P	15 11 42.0 -0.8
BELA Beltrano	58.55 172	P	P	15 11 43.1 +0.7
V53A Saluda	58.61 346	P	P	15 11 42.7 -0.6
V53A Saluda	58.61 346	P	P	15 11 43.0 -0.3
V53A	comp=Z,164	P	P	15 11 43.0 -0.3
W50A Signal Mountai	58.77 344	P	P	15 11 43.8 -0.6
Y45A Yeager Farm, C	58.77 339	P	P	15 11 43.3 -1.1
U56A King	58.77 349	P	P	15 11 45.1 +0.7
U56A	comp=Z,167	P	P	15 11 45.1 +0.7
NATX Nacogdoches	58.78 334	P	P	15 11 44.8 +0.3
NATX Nacogdoches	58.78 334	P	P	15 11 45.0 +0.5
CPXT Cooper Cave	58.80 335	Iamb	Iamb	15 11 44.8
TKL Tuckaleechee C	58.82 345	LR	LR	15 40 28.3
TKL Tuckaleechee C	58.82 345	Iamb	Iamb	15 11 43.0 -1.7
TKL Tuckaleechee C	58.82 345	P	P	15 11 44.8
TKL Tuckaleechee C	58.82 345	P	P	15 11 43.0 -1.7
TKL Tuckaleechee C	58.82 345	pmx	pmx	15 11 44.0 -0.7
TKL Tuckaleechee C	58.82 345	P	P	15 11 44.0 -0.7
T59A Double "B" Far	58.92 351	P	P	15 11 45.0 -0.4
T59A	comp=Z,170	P	P	15 11 45.0 -0.4
SW2T Sewanee	58.95 343	pP	pP	15 12 15.2 -0.9
V52A Sevierville	58.96 346	P	P	15 12 15.3 -0.8
V52A Sevierville	58.96 346	P	P	15 11 45.5 -0.1
V51A Loudon	59.10 345	Iamb	Iamb	15 11 46.6
V51A Loudon	59.10 345	P	P	15 11 45.7 -0.9
SHEL Horse Pasture	59.15 96	P	P	15 11 48.3 +0.8
SHEL Horse Pasture	59.15 96	P	P	15 11 48.3 +0.8
SHEL	comp=Z,156nm,0.8s	pmx	pmx	15 11 48.9 +1.4
SHEL Horse Pasture	59.15 96	P	P	15 11 48.9 +1.4
435B Jarrell	59.21 331	P	P	15 11 46.0 -1.4
435B Jarrell	59.21 331	P	P	15 11 47.6 +0.1
T57A Hurc	59.21 350	P	P	15 11 47.5 +0.1
T57A	comp=Z,159	P	P	15 11 47.5 +0.1
U54A Nelsons Funny	59.22 347	P	P	15 11 47.4 -0.1
U54A	comp=Z,166,SNR=10	P	P	15 11 47.4 -0.1
OXF Oxford	59.32 340	P	P	15 11 46.4 -1.8
OXF Oxford	59.32 340	P	P	15 11 47.0 -1.2
PLAL Pickwick Lake	59.34 341	pP	pP	15 12 17.2 -1.6
Z41A Richard Creek	59.37 336	P	P	15 11 49.3 +0.8
Z41A	comp=Z,154	P	P	15 11 49.3 +0.8
237A Washetta, Mont	59.47 333	P	P	15 11 50.1 +0.9
TZTN Tazewell	59.62 346	P	P	15 11 49.4 -0.7
BZLN Blacksburg	59.62 349	P	P	15 11 49.5 -0.7
BLA Blacksburg	59.62 349	P	P	15 11 50.2 0.0
BLA Blacksburg	59.62 349	P	P	15 11 50.1 -0.1
V48A Neumayer Olymp	59.69 343	P	P	

21d 15h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Station Class. Includes stations like U38A Gravette, FVM French Village, P48A Milroy, etc.

2017 MAR

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Station Class. Includes stations like ANMO Albuquerque, CBKS Cedar Bluff, TUC Tucson, 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 Station Class. Includes stations like BFSC Mount Baldy Ra, RDMU Red Mountain, GSC Goldens Bar, etc.

Table with columns: SUR, comp, I/Amb, I/Amb, 15 13 47.3, etc. Lists various stations and their parameters.

Table with columns: MNK, MNK, H1S2, H1S1, H1S3, H1N3, H1N2, H1N1, ASAR, etc. Lists stations and their parameters.

Table with columns: TATJ, TATJ, KTR, BSO4, BSO4, JYO, JYO, BSO3, BSO3, JOD2, JOD2, JMDZ, JMDZ, BSO1, BSO1, JZS, JZS, JMYK, JMYK, JFNN, JFNN, JMKN, JMKN, JYJN, JYJN, JRYN, JRYN, JAG, JAG, SHZ3, SHZ3, JSG, JSG, JMT, JMT, JRM, JRM, ASAJ, ASAJ, JKA, JKA, JHC, JHC, HHC, HHC, H1N2, H1N2, H1N1, H1N1, H1N3, H1N3, H1S3, H1S3, H1S1, H1S1, H1S2, H1S2, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, MK31, MK31, MKAR, MKAR, KSH, KSH, KSH, KSH, WB0, WB0, WRAB, WRAB, WB2, WB2, WRA, WRA, WRA, WRA, ASAR, ASAR. Lists stations and their parameters.

21d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like AML Almayashu, EKS2 Erkin-Say, ARLS Aral, etc.

MAN 21 15:34:47.0, 16:39N:120:36E, h10km, mb3.6, ML2.3, MS1.8, 2C-2D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like SAMP Sagada Mountai, PCPH Palayan, etc.

INDC 21 15:40:40.5-1.2, 25.41N:93.11E, h0km, mb3.3/5, mbtmp3.3/5, ML4.5/1, Error ellipse: s-maj=41.0km s-min=19.5km az=80.0

NDI 21 15:40:43.7-2.8, 24.98N:92.06E, h20km, ML3.9, mb4.4(NEIC)

NEIC 21 15:40:45.4-2.8, 25.38N:0.03:92.56E:0.07, h35km±5km, mb4.4/8, Error ellipse: s-maj=9.5km s-min=2.2km az=67.0

ISC 21 15:40:45.1-1.1, 25.06N:0.05:92.16E:0.06, h42km±1km, n31, c1549/31, mb3.5/9, India-Bangladesh border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like SHL Shilong, SILR SILCHAR, GUWA GUWAHATI, etc.

2017 MAR

WEL 21 16:01:09.6:0.4, 43.52N:177.3E, h5km, M2.1/4, ML2.4/7, MLV2.1/4, Error ellipse: s-maj=0.0km s-min=0.0km az=113.5, confirmed, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like KHZ Kahutara, GVT Greta Valley S, etc.

IDC 21 16:05:57.8:8.1, 13.20N:92.95E, h0km, mb3.4/2, mbtmp3.2/3, ML3.4/1, Error ellipse: s-maj=170.9km s-min=48.3km az=105.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like CMAR Chiang Mai Arr, H08S3 Diego Garcia H, etc.

WRA Warramunga Arr 52.38 128 P 0.3nm, 0.8s, baz=302, slow=9.6, SNR=5.0

ASAR Alice Springs 54.28 139 P 0.3nm, 0.5s, baz=309, slow=7.3, SNR=11

IDC 21 16:34:02.3:2.0, 34.66N:140.59E, h0km, mb3.1/2, mbtmp3.4/4, ML3.2/2, Error ellipse: s-maj=54.3km s-min=27.3km az=77.0

JMA 21 16:34:09.0:2.2, 34.8N:0.6:140.1E:0.7, h64km±1km, MV3.1/38, SE OFF BOSO PENINSULA

ISC 21 16:34:08.7:1.1, 34.88N:0.05:140.11E:0.05, h70km±6km, n21, c1537/29, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like BSO4 Boso 4, TATJ Tategama 2, etc.

ISC 21 16:34:47.9:3.9, 18.75S:177.64W, h536km±43km, mb2.8/7, mbtmp3.7/8, Error ellipse: s-maj=25.6km s-min=15.5km az=109.0

ISC 21 16:34:49.0:0.8, 18.75S:0.1:177.7W:0.2, h550km±n10, c0569/13, mb3.2/7, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like URZ Urewera, WRA Warramunga Arr, etc.

ROM 21 16:37:54.2:0.0, 42.770N:0.002:13.066E:0.003, h11km, Md1.1/2, ML1.0/5, 1C-1D, Error ellipse:

1252

s-maj=0.2km s-min=0.2km az=287.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like T1212 Cascia, Frazio, T1214 Arquata del Tr, etc.

ROM 21 16:38:54.0:0.0, 42.939N:0.003:12.994E:0.004, h11km, ML1.3/9, 1D, Error ellipse: s-maj=0.3km s-min=0.2km az=236.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like T1216 Preci, Frazio, CESI Serrava, etc.

BAYC CANAKKALE_Bayr	0.37	62	P	Sg	16 56 27.5 +0.3
BAYC SIGRI	0.41	210	S	Sg	16 56 32.7 +0.6
SIGRI			S	Sg	16 56 28.0 0.0
SIGRI			S	Sg	16 56 34.0 +0.5
SIGRI	0.41	210	Pg	Pg	16 56 28.0 0.0
SIGRI			Sg	Sg	16 56 34.3 +0.8
SIGRI	0.41	210	P	Sg	16 56 27.9 0.0
SIGRI			S	Sg	16 56 33.7 +0.2
SIGRI			AML	AML	16 56 36.3
SIGRI			AML	AML	16 56 36.3
ECEA Canakkale, Ece	0.48	5	P	Sg	16 56 29.7 +0.5
ECEA			S	Sb	16 56 37.2 -0.3
AYVA Ayvalik	0.51	120	P	Sg	16 56 30.0 +0.2
AYVA			S	Sb	16 56 37.8 -0.6
COMU Canakkale	0.59	27	Pg	Pg	16 56 30.3 -1.2
GOKA anakkale-Gk	0.64	345	P	Sg	16 56 32.4 0.0
GOKA			S	Sg	16 56 41.4 +0.6
GOKA			i AML	AML	16 56 42.0
GOKA			i AML	AML	16 56 42.0
BUHA Balikesir, Bur	0.74	95	P	Sg	16 56 34.3 +0.1
BUHA			S	Sg	16 56 40.0 +0.2
LIA Limnos Island	0.80	295	S	Sb	16 56 35.5 +0.2
LIA			S	Sb	16 56 46.7 +0.1
LIA			AML	AML	16 56 35.2 -0.1
LIA			S	Sb	16 56 46.6 -0.1
LIA			S	AML	16 56 47.0
LIA			AML	AML	16 56 50.2
CANM Can-anakkale	0.84	58	Pg	Pg	16 56 34.5 -1.6
KARB zmir-Karabur	0.93	166	S	Pb	16 56 38.3 +0.1
KARB			i AML	AML	16 56 51.2 +0.7
KARB			i AML	AML	16 56 53.0
KARB			i AML	AML	16 56 53.0
ZEDA zmir-Bergama	0.95	129	P	Pg	16 56 38.3 0.0
ZEDA			S	Pb	16 56 52.2 +1.0
SMTH Samothraki Isl	1.01	333	P	Pg	16 56 49.0 +0.2
SMTH			S	Sg	16 56 53.0 +0.5
SMTH			S	Sg	16 56 53.0 +0.5
SMTH			P	Sg	16 56 39.3 0.0
SMTH			S	AML	16 56 53.5 +0.7
SMTH			S	AML	16 56 55.5
SMTH			AML	AML	16 56 56.2
PSRA Psara	1.11	203	P	Sb	16 56 41.4 +0.2
PSRA			S	Sb	16 56 55.5 -0.2
CAVK Edirne/Enez-Ca	1.12	2	P	Pb	16 56 41.4 0.0
CAVK			S	Pb	16 56 57.2 0.0
CAVK			i AML	AML	16 57 04.0
ENEZ Enez	1.17	1	P	Pb	16 56 42.2 +0.1
ENEZ			S	Pb	16 56 59.2 +1.0
BALY Balya	1.17	81	P	Pb	16 56 42.2 0.0
BALY			S	Pb	16 56 57.4 0.0
BALY			i AML	AML	16 57 01.0
CHOS Chios island	1.18	183	P	Pb	16 56 42.3 -0.1
CHOS			S	Pb	16 56 56.8 -1.0
CHOS			S	Pb	16 56 41.9 -0.5
CHOS			S	Sb	16 56 57.3 -0.5
CHOS			S	AML	16 57 02.3
CHOS			AML	AML	16 57 03.8
KRBG Karabiga-Canak	1.22	47	Pn	Pn	16 56 41.3 -1.7
STEP BALIKESIR_Sava	1.25	98	P	Pn	16 56 44.0 +0.4
STEP			S	Sn	16 57 00.6 +0.3
STEP			i AML	AML	16 57 05.0
STEP			i AML	AML	16 57 06.0
URLA Izmir	1.26	163	P	Pn	16 56 43.0 -0.6
URLA			S	Pb	16 56 52.2 +0.2
ALN Balikesir	1.29	57	P	Pn	16 56 44.3 +0.4
ALN			S	Sg	16 57 02.4 +1.1
KNL			i AML	AML	16 57 03.0
KNL			i AML	AML	16 57 04.0
GONE Gonen-Balikesi	1.29	68	Pn	Pn	16 56 43.5 -0.5
KESN Edirne-Kesan	1.33	19	S	Pn	16 56 44.8 0.0
KESN			i AML	Sb	16 57 02.8 +0.5
KESN			i AML	AML	16 57 05.0
KESN			i AML	AML	16 57 07.0
ALN Alexandroupoli	1.33	357	P	Pn	16 56 44.7 +0.2
ALN			S	Pb	16 57 01.3 -0.7
ALN Alexandroupoli	1.33	357	Pn	Pn	16 56 44.3 -0.2
ALN			S	Pb	16 56 44.5 0.0
ALN			S	Sb	16 57 01.1 -0.8
ALN			AML	AML	16 57 03.7
ALN			AML	AML	16 57 05.0
ALN			AML	AML	16 57 05.0
ZEVE Izmir, Uria-Ze	1.36	167	P	Pb	16 56 44.7 -0.2
ZEVE			S	Pb	16 57 01.8 -1.0
BKES Balikesir-Mer	1.40	83	P	Sb	16 56 46.4 +0.3
BKES			S	Pn	16 57 04.1 0.0
THAS Thassos island	1.50	314	S	Pn	16 56 46.5 -0.2
THAS			S	Pn	16 57 05.2 -1.1
THAS			AML	AML	16 56 46.5 -0.2
THAS			AML	AML	16 57 05.2 -1.1
THAS			AML	AML	16 57 09.4
THAS			AML	AML	16 57 10.7
EDC Edinck	1.55	59	Pn	Pn	16 56 46.1 -1.4
UKOP Uzunkopru-Edir	1.61	14	Pn	Pn	16 56 47.6 -0.7
RDO Rodhopi	1.64	344	S	Pn	16 56 49.3 +0.5
RDO			S	Pn	16 57 09.8 -0.1
RDO			Pn	Pn	16 56 49.2 +0.5
RDO			Pn	Pn	16 56 49.5 +0.7
RDO			S	Pn	16 57 10.1 +0.3
RDO			S	Pg	16 56 52.5 +0.1
BAND Balkesir-Ban	1.71	62	P	Sg	16 57 11.9 +0.3
DURS Dursunbey	1.82	88	P	Sb	16 56 52.0 +0.7
DURS			S	Pb	16 57 15.5 -0.6

BAYC CANAKKALE_Bayr	0.38	62	P	Sg	16 57 55.4 +0.1
BAYC SIGRI	0.41	210	S	Sg	16 58 00.3 0.0
SIGRI			S	Sg	16 57 55.9 +0.1
SIGRI			S	Sg	16 58 01.4 +0.3
SIGRI	0.41	210	Pg	Pg	16 57 55.8 +0.1
SIGRI			Sg	Sg	16 58 02.1 +1.0
SIGRI	0.41	210	P	Sg	16 57 55.8 +0.1
SIGRI			S	Sg	16 58 00.3 -0.8
SIGRI			AML	AML	16 58 04.1
SIGRI			AML	AML	16 58 04.2
ECEA Canakkale, Ece	0.48	6	P	Sb	16 57 57.6 +0.4
ECEA			S	Sb	16 58 05.3 -0.2
AYVA Ayvalik	0.52	120	P	Sg	16 57 59.9 +0.8
AYVA			S	Sg	16 58 05.2 +0.6
COMU Canakkale	0.62	27	Pg	Pg	16 57 59.3 -0.2
GOKA anakkale-Gk	0.65	346	P	Sg	16 58 00.6 +0.3
GOKA			S	Sg	16 58 09.3 +0.5
GOKA			S	Sg	16 58 02.0 -0.2
BUHA Balikesir, Bur	0.75	95	P	Sg	16 58 11.9 -0.1
BUHA			S	Pg	16 58 03.3 +0.2
LIA Limnos Island	0.79	295	S	Sg	16 58 14.4 +1.0
LIA			S	Pg	16 58 03.3 +0.2
LIA			S	Sg	16 58 13.7 +0.3
LIA			AML	AML	16 58 17.5
LIA			AML	AML	16 58 18.9
CANM Can-anakkale	0.85	58	Pg	Pg	16 58 03.4 -0.8
CANM			Sg	Pb	16 58 15.9 -0.2
KARB zmir-Karabur	0.93	165	P	Pb	16 58 06.2 +0.2
KARB			i AML	Sb	16 58 19.4 +1.0
KARB			i AML	AML	16 58 21.0
KARB			i AML	AML	16 58 21.0
ZEDA zmir-Bergama	0.96	128	P	Pg	16 58 06.0 -0.3
ZEDA			S	Pb	16 58 20.9 +0.8
SMTH Samothraki Isl	1.01	334	P	Pg	16 58 07.4 +0.2
SMTH			S	Sg	16 58 21.2 +0.8
SMTH			S	AML	16 58 23.5
SMTH			AML	AML	16 58 24.1
SMTH			AML	AML	16 58 24.1
CAVK Edirne/Enez-Ca	1.13	2	P	Pg	16 58 07.7 -1.8
CAVK			S	Pb	16 58 25.8 +0.7
ENEZ Enez	1.17	1	P	Pb	16 58 10.1 0.0
ENEZ			S	Pb	16 58 27.3 +1.1
BALY Balya	1.18	81	P	Pb	16 58 10.3 -0.1
BALY			S	Pb	16 58 25.7 +0.2
BALY			i AML	AML	16 58 28.0
CHOS Chios island	1.18	182	P	Pb	16 58 10.1 -0.3
CHOS			S	Pb	16 58 26.2 +0.6
CHOS			S	Pg	16 58 09.7 -0.7
CHOS			S	AML	16 58 25.0 -0.7
CHOS			S	AML	16 58 31.6
CHOS			AML	AML	16 58 31.6
CHOS			AML	AML	16 58 31.6
KRBG Karabiga-Canak	1.23	47	Pn	Pb	16 58 10.5 -0.6
STEP BALIKESIR_Sava	1.26	98	S	Pb	16 58 11.2 -0.4
STEP			S	Sn	16 58 29.8 +1.2
STEP			i AML	AML	16 58 32.0
URLA Izmir	1.26	163	P	Pn	16 58 10.7 -0.8
URLA			S	Pb	16 58 27.8 -0.1
URLA			i AML	AML	16 58 30.0
KNL Balikesir	1.29	57	P	Pn	16 58 12.3 +0.4
KNL			S	Pn	16 58 29.4 -0.1
KNL			i AML	AML	16 58 31.0
KNL			i AML	AML	16 58 32.0
GONE Gonen-Balikesi	1.30	68	Pn	Pn	16 58 11.7 -0.3
ALN Alexandroupoli	1.33	358	P	Pn	16 58 12.6 +0.2
ALN			S	Sb	16 58 29.3 -0.7
ALN Alexandroupoli	1.33	358	Pn	Pn	16 58 12.4 -0.1
ALN			S	Pb	16 58 12.4 -0.1
ALN			S	Sb	16 58 29.1 -0.8
ALN			AML	AML	16 58 31.6
ALN			AML	AML	16 58 32.9
KESN Edirne-Kesan	1.33	19	Pn	Pn	16 58 12.5 -0.3
KESN			S	Pb	16 58 30.7 +0.4
KESN			i AML	AML	16 58 32.0
KESN			i AML	AML	16 58 33.0
ZEVE Izmir, Uria-Ze	1.36	167	P	Pn	16 58 12.8 0.0
ZEVE			S	Pb	16 58 30.0 -0.7
ZEVE			i AML	AML	16 58 36.0
ZEVE			i AML	AML	16 58 37.0
BLBC Balcova	1.38	148	P	Pn	16 58 12.9 -0.2
BKES Balikesir-Mer	1.41	83	P	Pb	16 58 14.4 +0.2
BKES			S	Pb	16 58 31.9 -0.4
THAS Thassos island	1.49	315	S	Pn	16 58 14.1 -0.5
THAS			S	Pn	16 58 33.9 -0.9
THAS			S	Pn	16 58 14.2 -0.5
THAS			S	Pn	16 58 32.7 -1.4
THAS			AML	AML	16 58 37.6
THAS			AML	AML	16 58 38.6
EDC Edinck	1.56	59	Pn	Pn	16 58 16.0 +0.5
UKOP Uzunkopru-Edir	1.61	14	Pn	Pn	16 58 16.9 +0.6
RDO Rodhopi	1.64	345	P	Pn	16 58 16.7 0.0
RDO			S	Pn	16 58 37.6 -0.2
RDO			Pn	Pn	16 58 17.3 +0.6
RDO			Pn	Pn	16 58 19.5 -0.5
RDO			Pn	Pn	16 58 19.5 -0.5

DPC Panska Ves	1.43	223	eSg	Sg	17 17 55.4 -1.7
PVCC			ePg	Pb	17 17 45.4 +0.7
PVCC			eSg	Sn	17 18 04.0 +0.1
BRG Bergliesshubel	1.53	243	Pn	Pb	17 17 46.2 -0.3
BRG			Pg	Pg	17 17 48.1 +1.6
BRG			Sg	Sn	17 18 07.7 +1.3
BRG			Amp	Pn	17 18 09.1
KRCL Kraliky	1.57	164	ePg	Pn	17 17 46.6 +0.2
KRCL			eSg	Sn	17 18 05.5 -0.9
RUE Ruedersdorf	1.69	303	eP	Pb	17 17 48.6 -0.5
Freiberg	1.85	250	ePn	Pn	17 17 50.7 +0.6
FBE			eSg	Sg	17 18 17.3 +0.7
GOC Goc Peeny, Ondr	1.87	207	ePn	Pn	17 17 50.8 +0.4
PRU Gruhonice	1.88	212	ePn	Pn	17 17 50.8 +0.3
PRU			ePg	Pb	17 17 52.7 +0.4
PRU			eSg	Sb	17 18 16.4 +0.1
COLM Colim	1.96	263	ePg	Pn	17 17 52.0 +0.4
COLL			ePg	Pg	17 17 56.0 +1.3
COLL			eSg	Sg	17 18 21.0 +1.0
COLM Colim	1.96	263	ePn	Pn	17 17 52.4 +0.7
MORC Moravsky Berou	2.03	153	ePn	Pn	17 17 52.9 +0.2
MORC			ePn	Pn	17 17 53.0 +0.3
MORC			eSg	Sg	17 18 19.9 -0.8
OKC Ostrava-Krasne	2.18	143	ePg	Pb	17 17 59.0 +0.1
OKC			eSg	Sb	17 18 25.5 +0.5
VRAC Vranov	2.30	172	Pn	Pn	17 17 56.9 +0.5
VRAC			ePg	Lg	17 18 29.0
VRAC			eSg	Pb	17 17 57.1 +0.8
VRAC					

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like EKSU Eksjoe, VSTU Vaestervik, VSTU Vaestervik, VSTU Vaestervik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Y14A Wickensburg, Y14A Wickensburg, Y14A Wickensburg, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MRSI Marisa, LUWI Luwuk, LUWI Luwuk, etc.

NEIC 21 17:20:52.5-0.6, 36.39N-102.112.24W, 0.04, h18km, 5km, ML2.9/138, Error ellipse: s-maj=4.9km s-min=2.8km az=57.0, Western Arizona

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like U15A North Rim, U15A North Rim, U15A North Rim, etc.

NEIC 21 17:23:46.466.0, 12.31S-171.02E, h0km, mb3.6/3, s-min=142.1km az=65.0, NOU 21 17:24:33.2, 14.50S-166.99E, h112km, MLV4.6/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RDMU Red Mountain, RDMU Red Mountain, RDMU Red Mountain, etc.

NEIC 21 17:32:26.2-1.8, 0.89N-123.97E, h279km, 17km, mb3.6/16, mbmp3.6/3, Error ellipse: s-maj=9.8km s-min=3.1km az=142.0, IDC 21 17:32:26.2-1.8, 0.89N-123.97E, h279km, 17km, mb3.6/16, mbmp3.6/3, Error ellipse: s-maj=24.3km s-min=9.0km az=66.0, DJA 21 17:32:28.1-0.2, 1.1N-3.12E, h255km, 3km, M4.2/18, mb4.1/17, mb5.0/4, MLV4.2/18, Mw(MB)4.4/4, ISC 21 17:32:25.9-0.6, 0.75N-100.05E-123.71E, 0.04, h277km, 5km, n121, 1836/137, mb4.2/32-2D, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MRSI Marisa, LUWI Luwuk, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like USRK, USRK, RAMN, JIRN, GUN, PKI, GKN, ASAJ, KOLN, DANN, PYUN, SONM, SONM, WMQ, WMQ, WMQ, MK31, MKAR, MKAR, MKAR, MKAR, MAKZ, KDJ, PETK, KBL, KBL, RPZ, RPZ, YAK, YAK, YAK, YAK, LTZ, TCW, ZALV, KHUR, KURK, KURK, KKAR, TIXI, TIXI, VOI, VOI, ILAR, ARCES, TORD, TORD.

SCB 21 17:38:05.0.0.9, 21.355.66.82W, h210km, 6km, ML3.4/4, MW3.5, Error ellipse: s-maj=3.2km s-min=2.4km az=2.0, Southern Bolivia

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like MOCB, YJA, PB09, PB08, PB01, PB01, PB01, GO01, PB03, PB02, PB02, PB07, PB07, PB07, PB04, SOET, SOET, SLA, SOEJ, GO02, BBOE, BBOD, LPAZ.

HLW 21 17:39:43.2, 29.07N, 34.97E, h11km, 5km, Md3.5, M13.7, G11 21 17:39:44.9, 0.0, 29.11N, 34.80E, h9km, 1km, MD3.5/7, Mm3.5/5

SGS 21 17:39:45.7, 29.14N, 34.78E, h26km, M13.1, JSO 21 17:39:46, 29.18N, 34.72E, h9km, 10km, ML3.0/2.0, Mw3.7/2.0

ISC 21 17:39:45.5-1.0, 29.11N, 34.76E, 0.03, h20km, 2km, n69, 0.976/82, Egypt

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like HAQS, HAQS, JMOS, JMOS, HOL5, HOL5, TAYS, TAYS, EIL, EIL, EIL, AQBJ, AQBJ, MBRI, MBRI, MBRI, MBRI, BDAS, BDAS, JLOS, JLOS, RSHS, RSHS, HKAT.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like HKAT, HKAT, HRFI, HRFI, KRMI, KRMI, AYUS, AYUS, KRAB, KRAB, TR2, TR2, PRNI, PRNI, PRNI, PRNI, HRDS, HRDS, HSNJ, HSNJ, WTBKS, WTBKS, RMNI, RMNI, ZFRI, ZFRI, ZFRI, ZFRI, ZNM, ZNM, TBKS, TBKS, KZIT, KZIT, KZIT, KZIT, Suez, Suez, GRB, GRB, ZAF, ZAF, KARJ, KARJ, HHRG, HHRG, LISJ, LISJ, YTR, YTR, YTR, YTR, GHJU, GHJU, AMAZ, AMAZ, AMAZ, AMAZ, DSI, DSI, DSI, DSI, WALJ, WALJ, GLL, GLL, WJHS, WJHS, HSAF, HSAF, BIDS, BIDS, NBNS, NBNS, SLTI, SLTI, SLTI, SLTI, HMDT, HMDT, HMDT, HMDT, ASUT, ASUT, QRNJ, QRNJ, MMLI, MMLI, EWHJ, EWHJ, OFIZ, OFIZ, ASF, ASF, TAMRE, TAMRE, SHMJ, SHMJ, RYAN, RYAN.

IDC 21 17:48:57.2-0.7, 64.68N, 17.65W, h0km, mb3.5/13, mbmp3.5/16, ML2.5/2, MS3.1/7, Error ellipse: s-maj=22.9km s-min=12.4km az=15.0

ISC 21 17:48:59.4-0.6, 64.61N, 16.08W, 17.64W, 0.06, h9km, n21, +15.8/21, mb3.6/11, MS3.1/6, Iceland

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like BORG, BORG, BORG, BORG, SCO, SCO, SCO, SCO, EKA, EKA, NOA, NOA, HFS, HFS, HFS, HFS, FINES, FINES, GERES, GERES, GERES, GERES, SCHO, SCHO, SCHO, SCHO, ESDC, ESDC, AKASO, AKASO, BTRR, BTRR, YKA, YKA, AKTO, AKTO, ILAR, ILAR, ZALV, ZALV, MKAR, MKAR, TORD, TORD, PDAR, PDAR, SONM, SONM, TXAR, TXAR, KSRS, KSRS.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like IDC, IDC, RSNL, RSNL, ISC, ISC, BARC, BARC, BARC, PAMP, PAMP, PAMP, BRRC, BRRC, BRRC, PTBC, PTBC, PTBC, SPBC, SPBC, SPBC, ZARC, ZARC, ZARC, NORC, NORC, NORC, CHIC, CHIC, CHIC, ROSC, ROSC, ROSC, ROSC, UREC, UREC, UREC, LLIC, LLIC, LLIC, PTGC, PTGC, PTGC, VILC, VILC, VILC, GUYC, GUYC, GUYC, LISC, LISC, LISC, RECR, RECR, RECR, NIZA, NIZA, SDV, SDV, SDV, CBOC, CBOC, CBOC, DBBC, DBBC, DBBC, ARGC, ARGC, ARGC, ANIL, ANIL, ANIL, PRAC, PRAC, PRAC, ORTC, ORTC, ORTC, APAC, APAC, APAC, SJCC, SJCC, SJCC, LCBC, LCBC, CRJC, CRJC, CRJC, GUVJ, GUVJ, GUVJ, YOTC, YOTC, SOLC, SOLC, SMRC, SMRC, PIZC, PIZC, MACC, MACC, BETC, BETC, URIC, URIC, JAMC, JAMC, MALC, MALC, PCRV, PCRV, JTS, JTS, TXAR, TXAR, SCHO, SCHO, PDAR, PDAR, NVAR, NVAR, YKA, YKA.

IDC 21 18:03:58.2-0.6, 6.70N, 72.89W, h169km, 6km, mb3.4/7, mbmp4.0/11, MS2.3/1, Error ellipse: s-maj=17.8km

ISC 21 18:03:59.5-1.4, 6.79N, 73.10W, h148km, 5km, ML4.2, Mw4.2, Fault plane solution: N P1, 0.900000, 0, -162.00000, 0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like BARC, BARC, BARC, PAMP, PAMP, PAMP, BRRC, BRRC, BRRC, PTBC, PTBC, PTBC, SPBC, SPBC, SPBC, ZARC, ZARC, ZARC, NORC, NORC, NORC, CHIC, CHIC, CHIC, ROSC, ROSC, ROSC, UREC, UREC, UREC, LLIC, LLIC, LLIC, PTGC, PTGC, PTGC, VILC, VILC, VILC, GUYC, GUYC, GUYC, LISC, LISC, LISC, RECR, RECR, RECR, NIZA, NIZA, SDV, SDV, SDV, CBOC, CBOC, CBOC, DBBC, DBBC, DBBC, ARGC, ARGC, ARGC, ANIL, ANIL, ANIL, PRAC, PRAC, PRAC, ORTC, ORTC, ORTC, APAC, APAC, APAC, SJCC, SJCC, SJCC, LCBC, LCBC, CRJC, CRJC, CRJC, GUVJ, GUVJ, GUVJ, YOTC, YOTC, SOLC, SOLC, SMRC, SMRC, PIZC, PIZC, MACC, MACC, BETC, BETC, URIC, URIC, JAMC, JAMC, MALC, MALC, PCRV, JTS, TXAR, SCHO, PDAR, NVAR, YKA.

21d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DBIC, TORO, MKAR, ASAR, WRA, CMAR.

DSN 21 18:15:51.1+1.6, 28.24N:57.09E, h10km, ML3.3/8, Error ellipse: s-maj=69.8km s-min=13.5km az=112.0

TEH 21 18:15:52.6, 28.01'N, 57.48'E, h50km, ML3.9, IDC 21 18:15:54.3, 4.8, 27.81'N:57.54'E, h79km, 63km, mb3.5/8, mbmp3.8/9, ML3.2/1, MS3.3/3, Error ellipse: s-maj=39.1km s-min=20.8km az=131.0

OMAN 21 18:15:57.0, 27.56'N:58.16'E, h10km, mb4.7/2, mb3.5/4, ML3.9/16, Error ellipse: s-maj=12.6km s-min=6.2km az=2.0

ISC 21 18:15:53.4, 0.8, 28.00N:0.04, 57.56E:0.05, h25km, 8km, n101, c190/100, mb3.6/7, MS3.6/3, Southern Iran

Main table for 21d 19h section, listing station codes, names, coordinates, and times.

2017 MAR

Table for 2017 MAR section, listing station codes, names, coordinates, and times.

WEL 21 18:47:04.2, 0.5, 42.3'S x 177.4'E, h5km, M2.7/7, ML2.4/12, MLV2.7, Error ellipse: s-maj=0.0km s-min=0.0km az=123.6, confirmed, South Island

Table for WEL 21 section, listing station codes, names, coordinates, and times.

DJA 21 18:48:04.9, 0.2, 2'N:2.9'E, h132km, 5km, M4.1/16, mb3.5/4, ML3.9/16

NEIC 21 18:48:04.7, 1.1, 2.40N:0.06, 98.91E:0.06, h143km, 4km, mb4.3/33, Error ellipse: s-maj=9.5km s-min=7.7km az=127.0

IDC 21 18:48:11.6, 10.0, 2.51N:99.12E, h209km, 95km, mb3.6/8, mbmp4.2/9, Error ellipse: s-maj=72.7km s-min=12.6km az=58.0

ISC 21 18:48:04.0, 0.7, 2.34N:0.04, 98.93E:0.05, h145km, 6km, n77, c1504/81, mb4.2/25, 10C, Northern Sumatera

Main table for 2017 MAR section, listing station codes, names, coordinates, and times.

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Table for 1256 section, listing station codes, names, coordinates, and times.

WEL 21 19:04:28.4, 0.8, 42.3'S x 177.3'E, h71km, 8km, M2.0/6, ML2.4/11, MLV2.0/6, Error ellipse: s-maj=0.0km s-min=0.0km az=115.8, confirmed, South Island

Main table for 1256 section, listing station codes, names, coordinates, and times.

IDC 21 19:07:30.6, 1.0, 26.64N:141.89E, h0km, mb4.0/4, mbmp4.0/4, Error ellipse: s-maj=39.4km s-min=15.2km az=115.0

NEIC 21 19:07:35.8, 1.4, 27.0N:0.1, 141.9E:0.3, h54km, 17km, mb4.4/11, Error ellipse: s-maj=36.8km s-min=11.7km az=70.0

ISC 21 19:07:35.7, 0.7, 26.84N:0.09, 141.9E:0.1, h48km, n20, c1905/22, mb4.2/9, Bonin Islands region

Main table for 1256 section, listing station codes, names, coordinates, and times.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WBO, WRAB, WRA, WRA, ASAR, ASAR, ASAR, STKA, STKA, FORT, FORT, FORT.

WEL 21 19:09:48.0, 3.40°S, 2°17'55"E, h12km, M3.5/20, ML3.8/21, MLV3.5/20, Error ellipse: s-maj=0.0km s-min=0.0km az=80.9 confirmed

NOU 21 19:09:50.0, 40°11'S, 174°39'E, h63km, MLV3.4/6, Cook Strait, New Zealand

ISC 21 19:09:49.5, 1.4, 40°12'S, 174°36'E, 0.03, h29km, 13km, n109, r1806/114, Cook Strait

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations like WAZ, POWZ, OGWZ, MRZ, KIW, KIW, TSZ, LREZ, LREZ, MTVZ, PKVZ, HOWZ, PRWZ, WNVZ, TRVZ, MOVZ, DVHZ, DRZ, WHVZ, TIWZ, FWVZ, PNHZ, PREZ, CAW, WVRZ, TUWZ, DUWZ, BHZ, NGZ, SNVZ, NEZ, NMEZ, DREZ, KHEZ, OTVZ, NNVZ, TWVZ, WTVZ, BFZ, ETVZ, WPHZ, MHEZ, KRZ, TRVZ, PKZ, MCHZ, KAHZ, BKZ, BKZ, TUWZ, WATZ, HIZ, HIZ, CNKZ, MIFHZ, CMWZ, NMHZ, KUTZ, TKNZ, ARHZ, BSWZ, TLZ, WPRZ, ALRZ, MTHZ, PRHZ, QNZ, QNZ, RAHZ, MRNZ, MUGZ, RTZ, THZ, SNGZ, TOZ, URZ, URZ, FRAZ, MWZ, DSZ, RUGZ, AWZ, AWZ, HAZ, PKGZ, LTZ, MXZ, MXZ, TAZ, TAZ, JMZ.

NNC 21 19:12:17.0, 0.8, 42°32'N, 172°E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=11.1km s-min=3.8km az=174.0

KRNET 21 19:12:17.8, 0.1, 42°21'N, 171°81'E, h29km, mb3.2

SOME 21 19:12:18.7, 42°23'N, 171°88'E, h15km, KNET 21 19:12:20.1, 0.6, 42°23'N, 171°93'E, h18km, 6km, ml2.8, Error ellipse: s-maj=8.8km s-min=3.0km az=22.0

ISC 21 19:12:17.2, 1.0, 42°29'N, 170°03.7'E, 0.02, h12km, 9km, n72, r1544/108, 39C-18D, Kyrgyzstan

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like ARK, ARK, MNAS, MNAS, DZA, DZA, DZA, DZA, TRKS, TRKS, MRKS, MRKS, MRKS, MRKS, KK31, KK31, KKAR, KKAR, IUG, IUG, IUG, IUG, IUG, IUG, AML, AML, AML, EKS2, EKS2, EKS2, CHM, CHM, CHM, ARLS, ARLS, OHH, OHH, UCH, UCH, UCH, UCH, AAK, AAK, AAK, FRU1, FRU1, FRU1, USP, USP, USP, CHMS, CHMS, CHMS, CHMS, CHMS, KBK, KBK, KBK, KBK, SGBS, SGBS, SGBS, BTk, BTk, BTk, TKM2, TKM2, TKM2, BOOM, BOOM, BOOM, DGS, DGS, DGS, DGS, KST, KST, KST, KST, KST.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like KRBS, KRBS, KRBS, KRBS, BTLS, BTLS, BTLS, BTLS, NRN, NRN, NRN, ULHL, ULHL, ULHL, MTBS, MTBS, MTBS, MTBS, IZV, IZV, IZV, IZV, KUU, KUU, KUU, KUU, KTBS, KTBS, KTBS, TNSZ, TNSZ, TNSZ, TNSZ, MDOK, MDOK, MDOK, MDOK, KOTJ, KOTJ, KOTJ, KOTJ, KOTJ, CHKK, CHKK, CHKK, CHKK, ANVS, ANVS, ANVS, SATY, SATY, SATY, SATY, KPKS, KPKS, KPKS, KPKS, BLB, BLB, BLB, UZB, UZB, UZB, UZB, UZB.

SOME 21 19:15:13.9, 40°65'N, 77°05'E, h5km, NNC 21 19:15:14.6, 0.8, 40°65'N, 77°10'E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=5.1km s-min=3.9km az=163.0

KRNET 21 19:15:15.0, 0.1, 40°75'N, 76°39'E, h15km, mb3.2, ISC 21 19:15:17.4, 1.4, 40°76'N, 0°07'77.08E, 0.04, h10km, n77, r0596/97, 30C-14D, Kyrgyzstan-Xinjiang border region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like NRN, NRN, NRN, KDJ, KDJ, KDJ, ULHL, ULHL, ULHL, ULHL, BOOM, BOOM, BOOM, PRZ, PRZ, PRZ, ANVS, ANVS, ANVS, TNSZ, TNSZ, TNSZ, TNSZ, TNSZ.

21d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IZV, ARLS, MDOK, MTBS, UCH, TKM2, KST, AAA, KNDC, KOTS, KBK, SATY, ZHN, DGS, AAK, FRU1, UZB, CHMS, KURS, AML, KPKS, KTBS, SHLS, CHHK, and CHKK.

2017 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHKK, KRBS, EKS2, PDGK, USP, KUU, OHH, BLB, ARXS, MRKS, MRKS, ARK, TRKS, BTLS, BTLS, KK31, IUG, IUG, IUG, ASAR, WRA, H03S2, H03S1, H03S3, H03N2, H03N3, H03N1, AKASA, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, MKAR, ILAR, WRA, ASAR, WEL, GVTZ, LTZ, AMCZ, KHZ, OXF, MOZ, DSJ, MHCZ, WACZ, KIV, HOWZ, MRZ, H11S2, H11S1, H11S3.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S2, MKAR, KURBB, LPAZ, AKDM, GEVA, PERV, TVAN, ADCV, YANB, BLIS, GURO, MLAZ, YMUJ, HAKT, OZAP, MUSH, CUKT, SVAN, AGRB, YOVA, JFK, ONAJ, JFFD, JFJD, JMST, JHO, JMK, JMM, JMM, JOTO, JSB, JSB, JIO, JIO, JOU, JOU, JFY, JFY, MJAR, ASAJ, ASAJ, SONM, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, MKAR, ILAR, WRA, ASAR, WEL, GVTZ, LTZ, AMCZ, KHZ, OXF, MOZ, DSJ, MHCZ, WACZ, KIV, HOWZ, MRZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SBA, QSPA, G19K, etc.

FUNV 21 21:57:04.9, 11:22N-61:84W, h49km, MW2.9
TRN 21 21:57:05.1, 11:19N-61:82W, h29km, MW2.6
ISC 21 21:57:05.1, 11:22N-61:86W, h48km, 45km, n8, 0.045/15, Windward Islands

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

TRN 21 21:58:36.3, 11:22N-61:83W, h49km, MW2.7
FUNV 21 21:58:36.4, 11:22N-61:82W, h29km, MW2.9
ISC 21 21:58:36.1, 11:21N-61:82W, h58km, 32km, n8, 0.045/15, Windward Islands

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

WEL 21 22:11:50.7, 0.3, 42.2, S2, 2x17.4E, h5km, M3.0/15, ML3.2/12, MLV3.0/15, Error ellipse: s-maj=0.0km
NOU 21 22:11:51.3, 42.12S-173.67E, h17km, MLV3.5/9, South Island, New Zealand

ISC 21 22:11:49.9, 1.3, 42.06S, 0.03, 173.71E, 0.03, h3km, 1.3km, n7.3, 0.1949/78, South Island

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

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

ITA 21 22:13:32.2, 0.1, 29.88N, 132.05E, h0km, mb3.6/7, mbmp3.6/9, ML3.1/2, MS3.4/2, Error ellipse: s-maj=39.6km s-min=19.4km az=79.0

JMA 21 22:13:36.0, 0.2, 29.9N, 0.6, 13.2'E, h64km, 4km, MW3.5/35, NEAR AMAMI-OOSHIMA ISLAND

NIED 21 22:13:36.0, 29.93N, 132.04E, h0km, MW3.9, Moment tensor: Scale 10^19Nm, Mw=7.47, Msh2.15, Msh3.03, Msh1.06, Mw2.46; Fault plane solution: M7.05000x10^14 NP1: q1=97.00000, s86.00000, A-90.00000. NP2: q1=17.00000, s34.00000, A-90.00000.

ISC 21 22:13:34.8, 2.1, 29.88N, 132.02E, 0.07, h17km, 11km, n25, 0.105/34, mb3.57, Southeast of Shikoku

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

JOW Kunigami 4.49 228 Pn 22 14 16.0 -0.4

JOW 2.0m, 0.3s, baz=269, slow=16, SNR=2.2

SOMN Songoing Array 26.63 319 P 22 19 13.9 +1.3

MKAR Makanchi Array 41.76 308 P 22 21 22.6 -0.6

TIXI Tiksi 41.85 359 LR 22 39 40.1

WRA Warramunga Arr 49.59 177 P 22 22 24.6 -0.5

ASAR Asahi Springs 47.73 178 P 22 22 53.3 +0.6

ARU Art 56.66 320 LR 22 50 37.6

FINES FINES Array B 71.33 331 P 22 24 53.0 0.0

YKA Yellowknife Arr 73.79 26 P 22 25 08.0 +0.1

AKASE Malin Array Be 74.91 320 P 22 25 15.2 +0.6

ISC 21 22:13:33.6, 1.7, 17.59S, 178.57W, h0km, mb4.19, mbmp4.19, MS3.8/28, Error ellipse: s-maj=74.9km s-min=24.0km az=155.0

GCMT 21 22:13:43.0, 0.4, 15.46S, 0.02, 179.31W, 0.02, h23km, 2km, MW4.9/79, Moment Tensor Solution. s18, c21: s79, c95; Duration: 0. Moment tensor: Scale 10^19Nm; Mw0.45, 18; Mw=1.74, 16; Mw1.29, 13; Mw0.03, 21; Mw0.22, 11; Mw0.05, 19; Best double couple: Mo2.68900x10^16

NP1: q1=73.00000, s89.00000, A1.00000. NP2: q1=343.00000, s89.00000, A1.00000. Principal axes: T 2.4650, P1g2.0000, Azm298.0000; N 0.4460, P1g8.0000, Azm15.0000; P -2.9130, P1g0.0000, Azm208.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Surface-wave location: Triangular moment-rate function

ISC 21 21:17:05.8, 1.7, 17.59S, 178.57W, h0km, mb4.19, mbmp4.19, MS3.8/28, Error ellipse: s-maj=74.9km, n42, s232/17, mb4.0/9, MS3.9/29, Fiji Islands region

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

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

ELK Elko 82.60 43 LR 22 54 56.4

DLBO Dease 85.80 23 LR 22 59 32.4

ILAR Eielson Array 85.83 13 P 22 26 15.0 +0.6

ILAR 6.2m, 0.9s, baz=236, slow=6.3, SNR=6.7

TXAR Lajitas Array 86.03 58 P 22 26 16.4 +0.2

TXAR 0.3m, 0.8s, baz=224, slow=5.0, SNR=2.8

PDAR Pinedale Array 87.36 43 P 22 26 21.4 -1.3

PDAR 0.6m, 0.8s, baz=197, slow=7.2, SNR=3.3

CMAR Chiang Mai Arr 88.78 290 P 22 26 30.4 +0.8

SOMN Songoing Array 93.44 319 P 22 26 48.2 -2.6

ATAH Atahualpa 97.37 100 LR 23 01 52.3

GONER GERRSS Array B 147.52 345 P 22 33 18.4 -0.9

CONA Conrad Observa 147.77 342 ePKP PKPab 22 33 26.3 +3.8

RONA Rosalia, Austr 147.84 341 ePKP PKPab 22 33 26.4 +3.7

ARSA Arzberg 148.48 342 ePKP PKPab 22 33 28.8 +3.6

WTTA Wattenberg 149.49 346 ePKP PKPab 22 33 30.9 +1.4

ABTA Abtersbach 149.77 345 ePKP PKPab 22 33 32.8 +2.3

DAVA Damuels 149.83 349 ePKP PKPab 22 33 33.2 +2.3

FETA Feichten 149.92 347 ePKP PKPab 22 33 34.1 +2.9

ISC 21 22:29:55.0, 1.1, 17.78N, 145.82E, h0km, mb3.7/6, mbmp3.7/7, ML4.2/1, Error ellipse: s-maj=53.4km s-min=23.3km az=103.0

NEIC 21 22:30:01.4, 1.7, 17.56N, 0.08, 146.2E, 0.3, h34km, 7km, mb4.4/8, Error ellipse: s-maj=34.8km s-min=11.8km az=93.0

ISC 21 22:30:00.8, 0.7, 17.82N, 0.09, 146.1E, 0.3, h35km, n24, s1549/19, mb4.3/10, Marianas Islands

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

ROM 21 22:31:37.1, 0.1, 42.509N, 0.003, 133.94E, 0.004, h9km, ML1.1/11, 2C-6D, Error ellipse: s-maj=0.3km s-min=0.3km az=62.0, Central IAU

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like CAMP, T1247, SMA1, RM33, GIGS, AQU, TERO, VCCEL, T1212, MC2, ARRO, FDMO, T1219, MOMA, CPGN.

ROM 21 22:31:42.5±0.1, 41.1710N±0.004, 14.660E±0.006, h10km, ML2.3/47, 2C-2D, Error ellipse: s-maj=0.5km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like VITU, PSB1, PAOL, PTRJ, SAGR.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like SACR, MRB1, SGG, BIOG, PIGN, BSSO, VVDG, VBKN, GATE, VESUVIO, CRTO, VARP, VAGA, VTIR, MOCO, CAFE, SAGR.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like SNAL, CIGN, SGTA, MCRV, MIDA, MODR, TRIV, MELA, CERA, RN12, MRLC, VULT, CDRU, APRC, POFI, LRP, LPEL, SGRT, PALZ, INTR, VVLD, SLCN, MSAG, GIUL.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KULM, RKPI, GSI, GUNUNGSILOI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMAR, PMG, PZ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PZH, JOW, KUNIGAMI, etc.

TUC	Tucson	131.29	54	PKPdf	PKPdf	23 29 24.0	+0.4	J57A	Williamstown	143.90	14	P	PKPbc	23 29 44.7	+0.4	S51A	baz=322	146.39	28	P	PKPbc	23 29 51.5	-0.7
TUC	Tucson	131.29	54	PKPbc	SKPbc	23 32 36.1	-0.3	J57A	baz=341,SNR=6.5			P	PKPbc	23 29 44.7	+0.4	S51A	baz=325,SNR=35			P	PKPbc	23 29 51.5	-0.7
TUC	Tucson	131.29	54	PKPbc	PKPbc	23 29 24.0	+0.4	HKT	baz=341,SNR=6.5	143.95	50	P	PKPbc	23 29 45.3	+0.5	Q54A	baz=325,SNR=35	146.42	23	P	PKPbc	23 29 51.8	-0.4
N23A	Red Feather La	131.33	42	P	PKIKP	23 29 24.7	+0.1	HKT	Hockley	143.95	50	PKIKP	PKPbc	23 29 45.3	+0.5	Q54A	baz=330,SNR=32			P	PKPbc	23 29 51.8	-0.4
GO06	Curarrehue	131.71	173	PKPdf	PKPdf	23 29 24.3	+0.1	ERPA	Erie	143.96	19	P	PKPbc	23 29 45.2	+0.6	Q54A	baz=330,SNR=32			P	PKPbc	23 29 51.8	-0.4
IS20	Idaho Springs	132.09	43	P	PKIKP	23 29 26.3	+0.1	O49A	Covington	143.97	26	P	PKPbc	23 29 45.4	+0.8	ODNJ	Ogdensburg	146.43	14	P	PKPdf	23 29 49.8	-0.9
IS20	IUR Ranch, Cre	132.21	46	P	PKIKP	23 29 27.1	+0.6	O49A	baz=326			P	PKPbc	23 29 45.4	+0.8	ODNJ	Ogdensburg	146.43	14	P	PKPdf	23 29 49.8	-0.9
BBT5	Babate	132.45	282	SKPbc	SKPbc	23 32 41.0	+0.2	M52A	Chesterland	144.00	21	P	PKPdf	23 29 45.8	-0.7	VBMS	Vicksburg	146.44	42	P	PKPab	23 29 53.3	-0.2
AGMN	Agassiz Nat	132.48	28	P	PKIKP	23 29 26.9	+0.6	M52A	baz=331			P	PKPdf	23 29 45.8	-0.7	VBMS	baz=342,SNR=21	146.44	42	P	PKPab	23 29 53.3	-0.2
Q24A	Divide	132.81	44	P	PKIKP	23 29 27.2	-0.5	MCVT	Middlebury Col	144.00	10	P	PKPbc	23 29 44.7	+0.1	VBMS	baz=309,SNR=5.2	146.44	42	P	PKPab	23 29 54.2	+0.7
SDCO	Great Sand Dun	133.15	45	P	PKIKP	23 29 28.5	+0.1	P48A	baz=346	144.07	28	P	PKPbc	23 29 45.0	0.0	R53A	Hurricane	146.53	25	P	PKPdf	23 29 51.7	+0.7
B35A	Bob, Littlefor	133.40	26	P	SKPbc	23 32 43.0	-0.1	P48A	baz=324,SNR=9.3			P	PKPbc	23 29 45.0	0.0	R53A	baz=328,SNR=16			P	PKPdf	23 29 51.7	+0.7
B35A	Bob, Littlefor	133.40	26	P	SKPbc	23 32 43.0	-0.1	J58A	Remsen	144.11	13	P	PKPdf	23 29 45.8	-0.8	PAL	Palisades	146.66	13	P	PKPbc	23 29 53.3	+0.5
SUSD	Miller	133.54	34	P	PKIKP	23 29 28.0	-0.6	J58A	Milroy	144.11	13	P	PKPdf	23 29 45.8	-0.8	PAL	baz=343,SNR=13	146.66	13	P	PKPbc	23 29 52.7	-0.1
TRQA	Tornquist	133.57	183	PKPdf	PKPdf	23 29 27.6	-0.1	WVNY	West Valley, N	144.13	18	P	PKPdf	23 29 46.0	-0.7	344A	Westbrook Farm	146.77	43	P	PKPab	23 29 54.2	-0.7
TRQA	Tornquist	133.57	183	PKPdf	PKPdf	23 29 27.6	-0.1	N51A	Ashtland	144.16	23	P	PKPbc	23 29 45.9	+0.7	FOR	Fordham	146.81	13	P	PKPbc	23 29 53.6	+0.3
121A	Cookes Peak, D	133.60	53	P	PKIKP	23 29 30.0	+0.7	N51A	baz=329,SNR=5.5			P	PKPbc	23 29 45.9	+0.7	BRNJ	Basking Ridge	146.82	14	P	PKPbc	23 29 53.9	+0.7
121A	Cookes Peak, D	133.60	53	P	PKIKP	23 29 30.0	+0.7	N51A	baz=329,SNR=5.5			P	PKPbc	23 29 45.9	+0.7	P57A	Homestead Farm	146.98	19	P	PKPbc	23 29 53.6	-0.2
ANMO	Albuquerque	133.69	49	PKPdf	PKPdf	23 29 28.4	+0.2	J59A	Piesco	144.18	12	P	PKPbc	23 29 45.4	+0.2	P57A	baz=335,SNR=20			P	PKPbc	23 29 53.6	-0.2
ANMO	Albuquerque	133.69	49	PKPbc	SKPbc	23 32 45.3	+0.5	J59A	baz=343,SNR=13			P	PKPbc	23 29 45.4	+0.2	Q56A	Snyder Ridge	146.98	21	P	PKPbc	23 29 52.9	-1.0
ANMO	Albuquerque	133.69	49	PKIKP	PKIKP	23 29 28.4	+0.2	J59A	baz=343,SNR=13			P	PKPbc	23 29 45.4	+0.2	Q56A	baz=333,SNR=36			P	PKPbc	23 29 52.9	-1.0
ANMO	Albuquerque	133.69	49	PKIKP	PKIKP	23 29 28.4	+0.2	M53A	Will Miller and	144.33	21	P	PKPbc	23 29 45.7	0.0	Q56A	baz=333,SNR=36			P	PKPbc	23 29 52.9	-1.0
Y22D	IRIS PASSCAL I	133.69	50	P	PKIKP	23 29 30.1	+0.7	HICK	Hickman	144.33	35	P	PKPbc	23 29 45.8	-0.1	X48A	Hartselle	147.07	35	P	PKPdf	23 29 51.9	0.0
Y22F	Pascal Instru	133.69	50	P	PKIKP	23 29 29.6	+0.2	P49A	Miami Univ. Ec	144.34	27	P	PKPab	23 29 45.2	-0.3	TUPA	Temple Univ	147.16	15	P	PKPab	23 29 55.2	-0.9
Y22A	Socorro	133.71	51	P	PKIKP	23 29 29.7	+0.2	P49A	Miami Univ. Ec	144.34	27	P	PKPab	23 29 45.2	-0.3	S54A	Dingess, Beckl	147.25	25	P	PKPbc	23 29 53.8	-0.9
Y22C	Schefferville	133.81	2	PKP	PKPdf	23 29 27.9	+0.4	K57A	Scipio Cent	144.41	15	P	PKPab	23 29 45.2	-0.4	S54A	baz=329,SNR=8.9			P	PKPbc	23 29 53.8	-0.9
SCHQ	comp=Z,16nm,0.8s,ba	133.81	2	SKPbc	SKPbc	23 32 44.9	+0.6	CPUP	comp=Z,265nm,0.6s,ba	144.59	172	PKP	PKPdf	23 29 48.9	+0.9	WUPA	West Chester U	147.27	16	P	PKPdf	23 29 51.6	-0.5
OGNE	Ogallala	133.83	39	P	PKIKP	23 29 28.8	-0.6	CPUP	comp=Z,265nm,0.6s,ba	144.59	172	PKP	pPKPdf	23 30 21.2	-2.5	TZTN	Tazewell	147.30	29	P	PKPbc	23 29 54.9	+0.1
T25A	Trinidad	134.20	45	P	PKIKP	23 29 30.5	0.0	WCI	Wyandotte Cave	144.63	30	PKPdf	PKPab	23 29 45.9	-0.7	RZTN	baz=324,SNR=44	147.30	29	P	PKPbc	23 29 53.8	-1.0
KSCO	Keye Shedlock'	134.49	42	P	PKIKP	23 29 30.8	-0.1	WCI	Wyandotte Cave	144.63	30	PKPab	PKPab	23 29 45.9	-0.7	T55A	Marlinton	147.31	23	P	PKPbc	23 29 53.7	-1.2
EYMN	Ely	134.27	25	P	PKIKP	23 29 30.5	-0.3	WCI	Wyandotte Cave	144.63	30	PKPab	PKPab	23 29 45.9	-0.7	R55A	baz=331,SNR=8.0			P	PKPbc	23 29 53.7	-1.2
K31A	O'Neill	134.81	36	PKPdf	PKPdf	23 29 27.7	-2.1	J61A	Chester	144.66	10	P	PKPdf	23 29 47.1	-0.5	Z47A	Carrollton	147.35	38	P	PKPdf	23 29 53.7	+1.2
ECSD	EROS Data Cent	135.28	33	P	PKIKP	23 29 31.2	+0.6	J61A	baz=346,SNR=7.8			P	PKPab	23 29 47.1	-0.5	GEDE	Greenville	147.36	16	P	PKPdf	23 29 53.1	+0.8
F36A	Milaca	135.35	29	P	PKPdf	23 29 31.3	+0.7	L56A	baz=338,SNR=16	144.69	17	P	PKPab	23 29 46.2	-0.6	SDMD	Soldier's Del	147.41	18	P	PKIKP	23 29 56.0	-1.1
MNTX	Cornudas Mount	135.81	53	P	PKIKP	23 29 33.5	-0.1	L56A	baz=338,SNR=16			P	PKPab	23 29 46.2	-0.6	W50A	Signal Mountai	147.47	32	P	PKPdf	23 29 53.0	+0.4
BGNE	Belgrade	135.92	37	PKPdf	PKPdf	23 29 31.7	-0.2	N53A	Lisbon	144.83	21	P	PKPab	23 29 47.1	-0.1	V51A	baz=320,SNR=20	147.50	30	P	PKPdf	23 29 52.5	-0.1
BGNE	Belgrade	135.92	37	PKPbc	PKPbc	23 29 31.5	-0.4	N53A	baz=332,SNR=8.0			P	PKPab	23 29 47.1	-0.1	V52A	Sevierville	147.54	30	P	PKPdf	23 29 54.5	+1.3
BGNE	Belgrade	135.92	37	PKPbc	PKPbc	23 29 31.5	-0.4	M55A	Ridgway	144.94	18	P	PKPbc	23 29 46.9	-0.7	Y48A	Blount Mountai	147.86	35	PKPdf	PKPdf	23 29 52.0	-1.3
SPMN	Marine on St.	136.16	29	P	PKPdf	23 29 32.7	+0.5	M55A	baz=335,SNR=13			P	PKPbc	23 29 46.9	-0.7	Y49A	Blount Mountai	147.86	35	PKPdf	PKPdf	23 29 54.2	+0.9
CBKS	Cedar Bluff	136.48	41	P	PKPdf	23 29 33.7	+0.6	HCNY	Howe Caverns	144.94	12	P	PKPbc	23 29 47.2	-0.4	RCBR	Riuchuelo	147.89	245	eP	PKPdf	23 29 53.4	-0.6
MXST	Muleshoe	136.85	48	P	PKIKP	23 29 34.9	-0.9	BINY	Howe Caverns	144.94	12	P	PKPbc	23 29 47.2	-0.4	TKL	Kluchelechee C	147.90	30	PKPab	PKPab	23 29 54.1	+0.8
AMTX	Amarillo	137.22	47	P	PKPdf	23 29 35.3	+0.7	BINY	Binghamton	145.04	15	P	PKPbc	23 29 47.3	-0.7	LRAL	Lakeview Retre	148.11	37	P	PKPbc	23 29 56.5	-0.6
R32A	Long Quarter,	137.37	40	P	PKPdf	23 29 34.9	+0.2	BINY	Binghamton	145.04	15	P	PKPbc	23 29 47.3	-0.7	LRAL	Lakeview Retre	148.11	37	P	PKPdf	23 29 54.8	+1.1
TX31	Lajitas Ar. Si	138.06	55	PKPpre	PKPpre	23 29 26.5		O52A	Adamsville	145.06	23	P	PKPbc	23 29 47.5	-0.5	U54A	Nelsons Funnv	148.11	27	P	PKPdf	23 29 54.8	+1.1
TX32	Lajitas Array	138.06	55	PKPpre	PKPpre	23 29 27.2		O52A	baz=330,SNR=17			P	PKPbc	23 29 47.5	-0.5	U54A	baz=327,SNR=9.7			P	PKPdf	23 29 54.8	+1.1
TXAR	Lajitas Array	138.06	55	PKPpre	PKPpre	23 29 26.8		P51A	Williamsport	145.10	25	P	PKPbc	23 29 47.3	-0.9	BLA	baz=327,SNR=9.7	148.12	24	P	PKPbc	23 29 56.7	-0.3
TXAR	Lajitas Array	138.06	55	SKPbc	SKPbc	23 32 58.4	+0.1	P51A	baz=327,SNR=25			P	PKPbc	23 29 47.3	-0.9	BLA	Blacksburg	148.12	24	P	PKPbc	23 29 57.5	+0.5
TXAR	comp=Z,5.0nm,0.6s,ba	138.06	55	SKPbc	SKPbc	23 32 58.4	+0.1	R49A	Shelbyville	145.13	29	P	PKPbc	23 29 48.0	-0.3	X51A	Calhoun	148.19	33	P	PKPdf	23 29 55.1	+1.3
TXAR	comp=Z,0.7nm,0.9s,ba	138.06	55	SKPbc	SKPbc	23 32 58.4	+0.1	R49A	baz=323,SNR=23			P	PKPbc	23 29 48.0	-0.3	X51A	baz=320,SNR=11	148.27	31	P	PKPdf	23 29 55.1	+1.3
TXAR	Lajitas Array	138.06	55	PKPpre	PKPpre	23 29 26.9		T47A	Sharon Grove	145.17	32	P	PKPbc	23 29 48.0	-0.5	W52A	Murphy	148.27	31	P	PKPdf	23 29 55.1	+1.2
TXAR	Lajitas Array	138.06	55	PKKHKP	PKKHKP	23 29 26.9		UNH	University of	145.17	8	P	PKPab	23 29 48.3	0.0	CBN	Corbin Frederi	148.35	19	P	PKPbc	23 29 57.1	-0.4
KSU1	Kansas State U	138.28	38	P	PKPdf	23 29 37.0	+0.7	O53A	New Philadelphia	145.18	22	P	PKPbc	23 29 47.7	-0.7	V53A	Saluda	148.35	29	P	PKPdf	23 29 55.5	+1.4
E46A	Sault Ste Mari	138.75	21	P	PKPdf	23 29 37.4	+0.5	L59A	Walto	145.28	13	P	PKPbc	23 29 48.5	-0.2	V53A	baz=324,SNR=99			P	PKPdf	23 29 55.5	+1.4
4A2A	Draeger Farm,	138.77	27	P	PKPdf	23 29 37.3	-0.1	L59A	baz=342,SNR=10			P	PKPbc	23 29 48.5	-0.2	R58B	Mineral	148.40	20	P	PKPdf	23 29 54.8	+0.8
JFWS	Jewell Farm	139.11	29	P	PKPdf	23 29 37.8	+0.1	P52A	Corning	145.35	24	P	PKPdf	23 29 48.1	-0.8	R58B	baz=335,SNR=11			P	PKPdf	23 29 54.8	+0.8
L40A	Anamosa	139.27	31	P	PKPdf	23 29 38.0	0.0	P52A	baz=329,SNR=33	145.38	10	P	PKPbc	23 29 48.4	-0.5	T57A	Hurt	148.76	23	P	PKPbc	23 29 57.0	

Table with columns: Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Campotosto, Pellecscritta, Crognateo (TE), Pizzolo (AO), Civita (PG), Arquat del Tr, Cascia, Frazio, L'Aquila, Roccafulvione, Castelsantange, Castel Sant'An, Poggiodomo (PG), Preci, Frazion, Morro Reatino, and Roccafulvione.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Arro Arro, Bolognola (MC), Offida, Gualdo di Mace, Fiumoronte, Cesi, Camerino, Fraz, Assisi San Ben, Esanatoglia, Arquat del Tr, Cascia, Frazio, Castelsantange, Civita (PG), Preci, Frazion, Roccafulvione, and Morro Reatino.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like T1241, T1242, T1243, T1244, T1245, T1256, FDMO, RM33, Cesi, Muccia, Frazio, Cessapalombo, Gualdo di Mace, Morro Reatino, Camerino, Fraz, Arro, Tero, Monte Martano, Assisi San Ben, Gran Sasso, Esanatoglia, Elcito, Avto-Casa Cast, Cingoli, Arcevia, and various other stations.

IDC 22 00:20:59.0:0.6,37:33N;141:53E,h0km,mb4,1/26, mbtmp4,1/31,ML3.6/5,MS3.3/8, Error ellipse: s-maj=15.1km s-min=12.8km az=125.0, JMA 22 00:21:01.5:0.2,37:3N;0:4;141:16E:0.9,h34km,1km, MD4.5/40, MV4.7/40, E OFF FUKUSHIMA PREF JMA Feat II JI at E OFF FUKUSHIMA PREF NIED 22 00:21:01.5:37:27N;141:57E,h34km,MW4.1,Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mw=0.46; Mb=0.48; Ms=0.95; Mw0.55; Mw0.83; Fault plane solution: Ms1.670000x10^15 NP1: phi=232.00000; delta=80.00000; lambda=-61.00000; phi=339.00000; delta=831.00000; lambda=-160.00000. NEIC 22 00:21:02.2:1.6,37:40N;0:05:141:54E:0:05,h14km,4km, mb4,6/50 Error ellipse: s-maj=8.6km s-min=2.6km az=214.0, BUJ 22 00:21:03.6:0.0,37:11N;141:39E,h38km,mb4,6/37, mb4,9/21,Ms4.1/5,Ms7.9/5, ISC 22 00:21:03.3:0.7,37:30N;0:04:141:58E:0:05,h27km,3km, n207, s171/192, mb4.4/58, MS3.7/5, 15C-4D, Near east coast of eastern Honshu

Table with columns: JYK, KANEYAMA, 1.88 329 A, 00 21 32.7, etc. Lists various astronomical objects and their parameters.

Table with columns: ZAAO, Zalesovo Array, 41.83 312 P, 00 28 49.7 -0.9, etc. Lists astronomical objects and their parameters.

Table with columns: NOA, comp=Z, 0.7nm, 0.5s, baz=54, slow=7.0, SNR=4.7, etc. Lists astronomical objects and their parameters.

22d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like M27K, L27K, BCAR, etc.

NEIC 22 01:50:07.2-1.3, 6.53N:0.09:72.8W:0.1, h175km, 9km, mb4.2/17, Error ellipse: s-maj=16.8km s-min=10.6km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like BARC, PAMC, BARRC, etc.

2017 MAR

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like ARGC, ANIL, ANIL, ANIL, etc.

ROM 22 02:02:40.9-0.2, 42.62N:0.01:13.35E:0.01, h111km, 1km, ML1.0/4, 3C-2D, Error ellipse: s-maj=1.3km

1276

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like RM33, T1214, T1218, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FAQ, ASHO, ASHU, DSHU, etc.

IDC 22 02:54:18.3z.21.19.58Sx177.82W, h548km, 24km, mb3.5/13, mbtp4.4/15, Error ellipse: s-maj=21.9km s-min=14.4km az=144.0

NEIC 22 02:54:20.0z.1.3.19.9Sx0.1z.177.8Wz0.0z.1.567km, 10km, mb4.5/33, Error ellipse: s-maj=23.1km s-min=7.8km az=214.0

ISC 22 02:54:17.6z.0.5.19.67Sx0.07x177.76Wz0.08, h550km, n93, r134/95, mb4.5/30, 7C, Fiji Islands region

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, COEN, STKA, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KKAR, TRKS, DZA, etc.

IDC 22 03:08:35.9z.1.7.58x175x153.15E, h0km, mb3.7/3, mbtp3.6/4, ML3.4/1, Error ellipse: s-maj=41.7km s-min=31.3km az=66.0, West of Macquarie Island

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

WEL 22 03:12:47.2z.43.5Sx174Ez1.0, h23km, 1.7km, M2.4/11, ML2.7/17, MLv2.4/11, Error ellipse: s-maj=0.0km s-min=0.0km az=82.4, South Island

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KHZ, BSZW, THZ, etc.

IDC 22 03:23:04.2z.15.0.23.19Sx68.81E, h0km, mb3.7/4, mbtp3.7/4, MS3.6/2, Error ellipse: s-maj=51.7km s-min=36.8km az=52.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1, H08S2, H08S3, etc.

IDC 22 03:26:38.9z.1.6.31.80Nx140.55E, h84km, 14km, mb3.7/17, mbtp4.0/21, MS3.4/28, Error ellipse: s-maj=21.8km s-min=9.2km az=72.0

NIED 22 03:28:38.9z.32.17Nz140.73E, h19km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^15N; M1=0.15; M2=0.49; M3=0.65; M4=0.38; M5=0.24; M6=3.75; Fault plane solution: M3.80000x10^15 NP1: phi=355.00000; lambda=87.00000; delta=88.00000. NP2: phi=143.00000; lambda=122.00000

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Hachijojimakas, Mitsune, Miyake Tsubota, Oshima 3, Tatemaya 2, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Albuquerque, Lajitas Darray, Koumac, New Ca, Mamie plateau, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Soni, Mitsune, Miyake Tsubota, Oshima 3, Tatemaya 2, etc.

22d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sonseca Array, Villa Florida, etc.

IDC 22:04:52:04.8:0.8, 8.04S: 161.01E, h0km, mb4.0/10, mbtmp3.7/4, Error ellipse: s-maj=18.8km az=118.0

NEIC 22:04:52:06.2:0.9, 7.91S: 161.1E:0.1, h10km, 1km, mb4.0/11, Error ellipse: s-maj=25.3km s-min=15.2km

ISC 22:04:52:10.1:0.6, 8.09S:0.08:161.0E:0.1, h35km, n40, of598/28, mb4.2/15, MS3.2/8, Bougainville-Solomon Islands region

Main station list for the first section, including stations like Honiara, Port Moresby, Warramunga Arr, etc.

IDC 22:05:11:53.3:3.2, 7.92S: 107.59E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=172.9km s-min=29.2km az=51.0, Jawa

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

NEIC 22:05:12:31.6:2.8, 14.9S:0.1:173.59W:0.09, h10km, 1km, mb4.7/35, Error ellipse: s-maj=20.0km s-min=11.3km

IDC 22:05:12:33.9:1.1, 15.21S: 173.63W, h0km, mb4.2/11, mbtmp4.2/11, MS3.7/25, Error ellipse: s-maj=50.5km s-min=18.8km az=149.0

ISC 22:05:12:31.5:0.6, 15.3S:0.1:173.1W:0.1, h10km, n101, of156/65, mb4.7/29, MS3.8/27, Tonga Islands

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

2017 MAR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mont Dzumac, Papeete, Taravao, etc.

IDC 22:05:26:01.3:2.5, 54.50N:86.33E, h0km, mbtmp3.0/3, ML2.6/3, Error ellipse: s-maj=19.8km s-min=14.2km az=55.0, Southwestern Siberia

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

ROM 22:05:29:03.1:0.5, 42.877N:0.02:13.21E:0.04, h11km, 3km, ML1.3/9, 4C, Error ellipse: s-maj=2.7km s-min=2.3km az=64.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Castelsantange, MC2, etc.

ROM 22:05:29:30.8:0.2, 42.685N:0.005:13.194E:0.010, h11km, 1km, ML1.6/3, 3C-2D, Error ellipse: s-maj=0.8km s-min=0.4km az=252.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Civita, Arquata del Tr, etc.

ROM 22:05:29:30.8:0.2, 42.685N:0.005:13.194E:0.010, h11km, 1km, ML1.6/3, 3C-2D, Error ellipse: s-maj=0.8km s-min=0.4km az=252.0, Central Italy

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

1280

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Coal Creek Min, Coldfoot, etc.

IDC 22:05:26:01.3:2.5, 54.50N:86.33E, h0km, mbtmp3.0/3, ML2.6/3, Error ellipse: s-maj=19.8km s-min=14.2km az=55.0, Southwestern Siberia

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

ROM 22:05:29:03.1:0.5, 42.877N:0.02:13.21E:0.04, h11km, 3km, ML1.3/9, 4C, Error ellipse: s-maj=2.7km s-min=2.3km az=64.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Castelsantange, MC2, etc.

ROM 22:05:29:30.8:0.2, 42.685N:0.005:13.194E:0.010, h11km, 1km, ML1.6/3, 3C-2D, Error ellipse: s-maj=0.8km s-min=0.4km az=252.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Civita, Arquata del Tr, etc.

ROM 22:05:29:30.8:0.2, 42.685N:0.005:13.194E:0.010, h11km, 1km, ML1.6/3, 3C-2D, Error ellipse: s-maj=0.8km s-min=0.4km az=252.0, Central Italy

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

22d 8h

Table with columns for station name, frequency, power, and signal quality. Includes stations like JMN Monobe, KMI Kunming, JHS Saijiyo, ENH Enshi, MAJAO Matushiro, etc.

2017 MAR

Table with columns for station name, frequency, power, and signal quality. Includes stations like LSA Lhasa, LSA Lhasa, LSA XLT, etc.

1284

Table with columns for station name, frequency, power, and signal quality. Includes stations like MAKZ Makanchi, YAK Yakutsk, MDOK Medeo, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SOHO, DMTO, BVAR, BRVK, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MLY, G22K, E22K, I23K, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MNXT, TXAR, PLCA, etc.

KRSC 22 08:06:25.2, 2.8, 51.11N: 159.98E, h49km, 24km, Mc4.3, M4.7
IDC 22 08:06:26.6, 0.7, 51.51N: 159.40E, h0km, mb4.2/25, mbtmp4.2/30, ML4.6/4, MS3.8/26, Error ellipse: s-maj=18.4km s-min=11.6km az=153.0
MOS 22 08:06:30.3, 1.1, 51.30N: 159.57E, h50km, mb4.8/19, MS3.8/5, Error ellipse: s-maj=8.7km s-min=4.0km az=99.1
NEIC 22 08:06:32.0, 2.5, 51.45N: 159.55E, 0.1, h36km, 8km, mb4.8/35, Error ellipse: s-maj=13.4km s-min=10.8km az=159.0

ISC 22 08:06:30.6, 0.5, 51.37N: 159.55E, 0.04, h30km, n204, s149/185, mb4.6/55, MS3.9/21, 6C-ID, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KDTR, KDRR, KDRS, etc.

22d 8h

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like ASAJ, BILL, BILB, KLR, etc.

2017 MAR

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like BVAR, BRVK, YBH, DAG, etc.

1286

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like GERES, ILGA, BRTR, etc.

Table with columns: Code, Station Name, Az, Phase, D, Time, Res, and various parameters. Includes stations like T1216, T1218, etc.

Text block containing technical data and coordinates: IDC 22 08:28:48.0 0.6 54.135x142.08E, h0km, mb4.5/9, mbtm4.5/9, MS4.0/20. Error ellipse: s-maj=34.6km s-min=15.5km az=84.0

Table with columns: Code, Station Name, Az, Phase, D, Time, Res, and various parameters. Includes stations like MCQ, TOO, etc.

22d 9h

Table with columns: POKR, Poker Plat Res, 9.03 80 P, Pn, 09 07 03.2 +0.1, etc. Lists various satellite names and their details.

2017 MAR

Table with columns: SEY, Seymchan, 16.91 280 i P, Pn, 09 08 48.7 -0.5, etc. Lists satellite names and their details.

1288

Table with columns: BTO, comp=Z, 1.16nm, 0.6s, pmax, pmax, etc. Lists satellite names and their details.

ROM 29 09:34:00.0+0.1, 44:032N, 0:007x10.705E±0.005, h11km, ML1.0/2, 4C-2D, Error ellipse: s-maj=0.7km s-min=0.3km az=197.0, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station names and their details.

ROM 22 09:34:54.701, 42:308N, 0:002-12.973E±0.006, h11km, ML1.0/2, 4C-2D, Error ellipse: s-maj=0.5km s-min=0.1km az=277.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station names and their details.

22d 10h

Table with columns: MRKS, Lg, Lg, Time, Res. Includes stations like IZV, DGS, MTBS, TNSG, GNSS, MDOK, CHKK, KK31, PDGK, MKAR, KURBS, BVAR, AB31, AKTO, ARU, SONM, FINES, ARCES, TORD, INK, YKA, WRA, ASAR.

ICD 22 10:50:45.9; 1.2, 24.57N; 120.92E, h0km, mb3.3/6, mbtmp3.3/7, ML3.1/1, MS3.0/4, Error ellipse: s-maj=45.6km s-min=22.0km az=78.0

TAP 22 10:50:49.1, 24.79N; 122.11E, h10km, ML3.8, B JMA 22 10:50:49.2; 0.2, 24.79N; 122.11E; 0.2, h46km, 2km, MV3.4/10, TAIWAN REGION

ISC 22 10:50:47.6; 1.0, 24.79N; 0.02; 122.23E; 0.02, h6km, 8km, n140, o08/0228, mb3.3/6, 9C-14D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EGS, TWB1, EOS2, NTC, TWC, TWP, TIPB, ILA, SXI1, NDS, WFSB, EOS3, EWUT, TNOU, ENA, FUSB.

2017 MAR

Table with columns: FUSB, TWA, ENTT, EHTT, EHP, EHW, NWLT, NWSL, EWS4, EWS4, NWRT, LATG, LATG, YMO1, TATO, TATO, YMO8, YMO8, JYNG, JYNG, TWY, TWY, ANP, ANP, YOJ, YOJ, YOJ, YOJ, YHNB, YHNB, YHNB, NSK, NSK, TWS1, NTST, ETL, ETL, NACB, NACB, NACB, NNSB, NNSB, NNSH, NNSH, PCYT, PCYT, NNS, NNS, NNTY, NNTY, ETLH, ETLH, TWD, TWD, TWD, NCU, NCU, HWA, HWA, NFF, NFF, NFF, NJD, NJD, FUSS, FUSS, ETM, ETM, TEYL, TEYL, WHF, WHF, WHF, NHW, NHW, TWT, TWT, TWT, HSN1, HSN1, TDCB, TDCB, LIOB, LIOB, LIOB, NSTT, NSTT, SBCB, SBCB, SBCB, HSN, HSN, CHGB, CHGB, ESL, ESL, ESL, OWD, OWD, OWD, WHP, WHP, WHP.

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Table with columns: WUSB, WUSB, EGFH, EGFH, NMLH, NMLH, WPL, WPL, TWQ1, TWQ1, TWQ1, WCS, WCS, DPDB, DPDB, VWDT, VWDT, VWDT, IRIF, IRIF, HGSD, HGSD, SMLT, SMLT, SMLT, WDJ, WDJ, WDJ, EHY, EHY, TYC, TYC, TYC, SSSL, SSSL, SSSL, TCU, TCU, HATJ, HATJ, HATJ, YULB, YULB, YULB, EYUL, EYUL, WHYT, WHYT, TWF1, TWF1, TWF1, WJS, WJS, WJS, WNT, WNT, JKRS, JKRS, YUS, YUS, YUS, JIJ, JIJ, FULB, FULB, ALS, ALS, ALS, CHN5, CHN5, CHN5, CHKT, CHKT, CHKT, WGK, WGK, WDLH, WDLH, WDLH, WRL, WRL, ELDTW, ELDTW, EDH, EDH, WCKO, WCKO, WTK, WTK, WTK, CHN4, CHN4, TPUB, TPUB, TPUB, STYH, STYH, STYH, STYT, STYT, WTP, WTP, WTP, TWK, TWK, TWK, LDUT, LDUT, LDUT, WSL, WSL, WSL, TWGBT, TWGBT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWGBT Beinan, TWG Pinlang, CHN1 Nanshi, etc.

JMA 22 11:00:46.6, 0.3, 32.2N, 0.8, 14.1E, h14km, MV3.6/29, E OFF HACHUJIMA ISLAND

ISC 22 11:00:46.5, 1.0, 31.132N, 0.08, 140.63E, h92km, 29km, mb3.2/7, mbmp3.5/10, MS2.3/1, Error ellipse: s-maj=32.2km

s-min=18.0km az=90.0

ISC 22 11:00:46.5, 1.0, 31.132N, 0.08, 140.69E, 0.09, h73km, n31, #2502/31, mb3.5/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JAOM Aogashimamukai, JHCJ Hachiojimakas, etc.

ISC 22 11:14:14.8, 0.9, 58.31S, 25.54W, h0km, mb3.9/3, mbmp3.8/4, ML3.7/1, Error ellipse: s-maj=40.3km

s-min=26.2km az=78.0

NEIC 22 11:14:26.1, 1.6, 58.57S, 0.10, 26.2W, 0.2, h97km, 7km, mb4.5/14, Error ellipse: s-maj=14.4km s-min=13.4km az=197.0

ISC 22 11:14:26.9, 0.6, 58.59S, 0.10, 26.1W, 0.1, h107km, n27, #175/27, mb4.2/10, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EFI, BELA Belgrano 2, QSPA South Pole Qui, etc.

NOU 22 11:16:31.2, 37.01S, 179.38E, h0km, MLV3.6/7, Off E. Coast of N. Island, N.Z.

WEL 22 11:16:38.4, 0.8, 37.5S, 179.9E, h12km, M3.1/22, ML3.4/29, MLV3.1/22, Error ellipse: s-maj=0.0km

s-min=0.0km az=94.1, confirmed

ISC 22 11:16:35.8, 2.7, 37.03S, 0.07, 179.0E, 0.1, h9km, n11km, #145, #197/60, Off east coast of North Island

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

NNC 22 11:26:58.1, 9.2, 37.34N, 71.64E, h0km, mb5.6, mpv5.3, Error ellipse: s-maj=96.8km s-min=52.9km az=162.0

ISC 22 11:27:01.0, 0.4, 37.65N, 72.18E, h0km, mb4.7/44, mbmp4.7/51, ML4.1/7, MS4.1/73, Error ellipse: s-maj=7.7km s-min=6.6km az=150.0

MOS 22 11:27:00.1, 1.1, 37.39N, 72.02E, h13km, mb5.0/47, MS4.4/26, Error ellipse: s-maj=4.3km s-min=3.2km az=93.4

NEIC 22 11:27:01.9, 1.1, 37.50N, 0.07, 71.95E, 0.05, h10km, 3km, mb5.1/136, M4.4/921, Error ellipse: s-maj=1.0km s-min=0.8km az=177.0, Moment Tensor Solution.

Moment tensor: Scale 10^16Nm; Mrr=0.01; Mtt=2.55; Mxx=2.56; Myy=0.86; Mzz=0.35; Mxy=0.64; Fault plane solution: M2.790000*10^16 Np1.3319.230000.867.570000, lambda=178.650000. NP2.33228.710000.888.750000, lambda=22.430000. Principal axes: T 2.7627, Plg15.0000, Azm276.0000; N 0.0523, Plg68.0000, Azm46.0000; P -2.8149, Plg17.0000, Azm182.0000;

NEIC 22 11:27:02.8, 37.68N, 71.94E, h10km GCMT 22 11:27:02.9, 0.2, 37.66N, 0.0, 72.01E, 0.02, h30km, 1km, MW5.1/16, Moment Tensor Solution.

s116.0/75; Duration: 0. Moment tensor: Scale 10^16Nm; Mrr=0.61; Mtt=4.23; Mxx=4.84; Myy=1.7; Mzz=0.56; Mxy=2.6; Mxz=5.3; Mzz=1.43; 24; Best double couple: M5.37700*10^16 Np1.33240.00000.882.00000, lambda=11.00000. NP2.33149.00000.879.00000, lambda=172.00000. Principal axes: T 5.8570, Plg73.0000, Azm105.0000; N -0.9630, Plg76.0000, Azm274.0000; P -4.8960, Plg3.0000, Azm14.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 22 11:27:02.5, 0.4, 37.55N, 0.03, 72.03E, 0.02, h11km, 2km, #120km, P, #809, #29/989, mb4.9/201, MS4.2/105, 39C-38D, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DRK Karamyk, GAR Garm, CHGR Chuyangaron, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BTK Batken, OHH Osh, KSH Kashi, etc.

22d 11h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SATY, ZHN, BTLS, SMLA, UZB, etc.

2017 MAR

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

1292

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

LZH	SNR=6.2	25.45	84	||P	P	11 32 31.4	+0.9
LZH	Lanzhou			pP	S	11 32 39.6	+2.2
LZH				pP	P	11 32 42.4	+7.0
LZH				PcP	P	11 36 00.1	-2.2
LZH	comp=Z,46nm,1.5s			pmax	pmax		
LZH	comp=Z,190nm,4.8s			LR	LR		
LZH	comp=Z,2um,16.5s			LR	LR		
LZH	comp=Z,900nm,15.1s			LR	LR		
KIRV	comp=Z,820nm,15.1s			LR	LR		
KIRV	Kirov	25.68	332	P	P	11 32 32.4	+0.4
KIRV	comp=Z,67nm,0.6s,baz=150,slow=3.6,SNR=18						
KIRV	Kirov	25.68	332eP			11 32 32.2	+0.2
ZAK	Zakamensk	25.69	50	eP	P	11 32 32.9	+0.5
ZAK	comp=Z,2.24nm,1.0s			pmax	pmax		
TNCH	TengChong	25.76	111	P	S	11 32 33.9	+0.5
TNCH				S	S	11 32 39.4	+4.0
TNCH				SS	SS	11 37 10.4	-0.2
TNCH				SsSn	SsSn	11 38 04.4	+7.0
TNCH	comp=Z,140nm,0.9s			pmax	pmax		
TNCH	comp=Z,540nm,12.4s			LR	LR		
TNCH	comp=Z,620nm,12.4s			LR	LR		
TNCH	comp=Z,780nm,25.3s			LR	LR		
MND	Mandalay	25.91	120	P	P	11 32 33.8	-0.7
ABTO	Aybut	26.00	224	P	P	11 32 39.4	+4.0
ABTO	SNR=9.2						
RAYN	Ar Rayn	26.67	246	P	I	11 32 40.6	-0.9
RAYN	comp=Z,37nm,0.9s			IAMB	IAMB	11 32 57.5	
RAYN	Ar Rayn	26.67	246	P	P	11 32 40.6	-0.9
RAYN	comp=Z,37nm,0.9s			pmax	pmax		
RAYN	Ar Rayn	26.67	246	iP	P	11 32 42.7	+1.2
RAYN	SNR=24						
VORD	Divogorie	26.76	311	eP	P	11 32 42.3	+0.4
VORD	comp=Z,30nm,1.0s			pmax	pmax		
ANN	Anapa	26.88	297	eP	P	11 32 43.2	+0.1
ANN				ePP	P	11 32 48.7	+0.8
ANN				ePPP	P	11 33 33.7	
ANN				eS	S	11 37 19.6	+0.2
ANN				eSS	S	11 38 38.0	
ANN	comp=Z,27nm,0.9s			pmax	pmax		
ANN	comp=Z,271nm,8.0s			MLR	MLR		
VSR	Storozhevo	26.91	311	eP	P	11 32 43.7	+0.4
VSR	comp=Z,50nm,0.8s			pmax	pmax		
CD2	Chengdu	26.98	95	P	P	11 32 44.8	+0.6
CD2				pP	S	11 32 50.3	-0.8
CD2				sP	S	11 32 54.5	+5.4
CD2				S	S	11 37 23.8	+2.4
CD2				sS	S	11 37 34.8	+5.3
CD2	comp=Z,20nm,0.4s			pmax	pmax		
CD2	comp=Z,140nm,5.4s			LR	LR		
CD2	comp=Z,620nm,9.1s			LR	LR		
CD2	comp=Z,510nm,9.2s			LR	LR		
CD2	comp=Z,610nm,10.8s			LR	LR		
SONM	Songino Array	27.07	57	P	P	11 32 44.9	-0.1
SONM	comp=Z,7.1nm,0.8s,baz=256,slow=10,SNR=39			LR	LR	11 43 34.9	
SONM	comp=Z,796nm,19.3s,baz=260,slow=37						
SONM	comp=Z,7.1nm,0.8s						
SONM	Songino Array	27.07	57	P	P	11 32 44.8	-0.1
SONM	Songino Array	27.07	57	eP	P	11 32 45.3	+0.3
SONM	comp=Z,7.0nm,0.8s			pmax	pmax		
PZH	PanZhiHua	27.39	105	P	P	11 32 48.8	+0.8
PZH				PP	P	11 33 41.3	-8.6
PZH				S	S	11 37 28.5	+0.4
PZH				sS	S	11 37 38.9	+2.7
PZH	comp=Z,20nm,1.1s			pmax	pmax		
PZH	comp=Z,170nm,4.6s			LR	LR		
PZH	comp=Z,1um,20.5s			LR	LR		
PZH	comp=Z,320nm,18.5s			LR	LR		
PZH	comp=Z,550nm,20.1s			LR	LR		
LPSR	Galich'ya Gora	27.50	314	eP	P	11 32 54.0	+5.4
LPSR	comp=Z,40nm,1.1s			pmax	pmax		
ULN	Ulanbaatar	27.51	57	P	P	11 32 48.6	-0.3
ULN	Ulanbaatar	27.51	57eP	P	P	11 32 49.2	+0.2
ULN	comp=Z,19nm,1.7s			pmax	pmax		
GAZ	Gaziantep	27.58	280	P	I	11 32 49.0	-0.7
GAZ	comp=Z,41nm,1.2s			IAMB	IAMB	11 33 18.5	
BNN	Bunyan	28.35	284	P	P	11 32 55.2	-1.3
BNN	comp=Z,30nm,1.0s			IAMB	IAMB	11 33 39.2	
KMI	Kunming	28.88	107	||P	P	11 33 01.8	+0.4
KMI				S	S	11 37 53.0	+1.2
KMI	comp=Z,24nm,0.8s			pmax	pmax		
KMI	comp=Z,800nm,17.0s			LR	LR		
KMI	comp=Z,350nm,15.2s			LR	LR		
ASF	Jabal al Asfar	29.21	270	P	P	11 33 07.0	+2.8
ASF	comp=Z,1.3nm,0.3s,baz=79,slow=5.2,SNR=5.0						
ASF	comp=Z,1.3nm,0.3s						
SIM	Simferopol	29.24	297	eP	P	11 33 07.0	+2.8
SIM	comp=Z,61nm,1.0s			pmax	pmax		
MOS	Moscow	29.38	319	eP	P	11 33 04.0	-1.3
MOS	comp=Z,36nm,0.7s			pmax	pmax	11 34 10.7	
MOS	comp=Z,1um,13.0s			MLR	MLR		
BTO	Baotou	29.50	72	eP	P	11 33 05.8	-0.9
BTO	comp=Z,69nm,0.8s			S	S	11 38 00.6	-0.5
BTO	comp=Z,520nm,4.6s			pmax	pmax		
BTO	comp=Z,3um,15.0s			LR	LR		
BTO	comp=Z,2um,17.9s			LR	LR		
BTO	comp=Z,3um,16.7s			LR	LR		
ILGA	Ilgaz	29.69	289	P	I	11 33 06.4	-2.1
ILGA	comp=Z,30nm,0.7s			IAMB	IAMB	11 33 12.2	
OBN	Obninsk	29.70	318	P	P	11 33 08.1	0.0
OBN	comp=Z,4.4nm,0.4s,baz=146,slow=3.6,SNR=4.9			LR	LR	11 47 46.3	
OBN	comp=Z,4.4nm,0.4s						
OBN	Obninsk	29.70	318	P	P	11 33 07.9	-0.2
OBN	comp=Z,55nm,1.2s			IAMB	IAMB	11 34 05.1	
OBN	Obninsk	29.70	318eP	P	P	11 33 08.4	+0.3
OBN				ePPP	PPP	11 34 01.0	
OBN				pmax	pmax	11 34 14.3	
OBN	comp=Z,38nm,1.3s			MLR	MLR		
OBN	comp=Z,760nm,10.0s			MLR	MLR		
BR131	Keskin Array S	29.91	286	P	P	11 33 09.1	-1.3
BR131	Keskin Array S	29.91	286	P	P	11 33 09.1	-1.3
BR131				pmax	pmax		

BRTR	Keskin Array B	29.91	286	P	P	11 33 11.9	+1.5
BRTR	comp=Z,2.0nm,0.6s,baz=97,slow=9.3,SNR=7.6			LR	LR	11 47 45.2	
BRTR	Keskin Array B	29.91	286	P	P	11 33 08.9	-1.4
BRTR	Xian	29.91	286	P	P	11 33 09.0	-1.4
XAN	Xian	30.01	85	||P	P	11 33 11.0	-0.2
XAN				pP	S	11 33 26.0	-7.9
XAN				S	S	11 38 13.8	+4.7
XAN	comp=Z,9.0nm,0.7s			pmax	pmax		
XAN	comp=Z,120nm,5.2s			pmax	pmax		
XAN	comp=Z,1um,11.0s			LR	LR		
XAN	comp=Z,790nm,13.1s			LR	LR		
XAN	comp=Z,670nm,11.7s			LR	LR		
CHTO	Chiang Mai	30.02	121	P	P	11 33 10.7	-0.7
CHTO	Chiang Mai	30.02	121	P	P	11 33 10.7	-0.7
CHTO	Chiangrai	30.06	117	P	P	11 33 12.1	+0.3
CHTO	comp=Z,30nm,0.7s			IAMB	IAMB	11 33 12.9	
MMAI	Mount Meron Ar	30.11	272	P	P	11 33 13.2	+1.0
MMAI	comp=Z,0.6nm,0.3s,baz=85,slow=3.2,SNR=1.6			PcP	PcP		
MMAI	comp=Z,0.4nm,0.3s,baz=58,slow=3.6,SNR=1.1			LR	LR	11 48 11.0	
CM31	Chiang Mai Arr	30.27	156	P	I	11 33 11.6	-2.0
CM31	Chiang Mai Arr	30.27	122	P	I	11 34 16.3	
CM31	comp=Z,1.7nm,1.0s			IAMB	IAMB		
CMAR	Chiang Mai Arr	30.27	122	P	P	11 33 14.4	+0.8
CMAR	SNR=6						
CMAR	Chiang Mai Arr	30.32	131	P	P	11 33 12.8	-0.8
CMAR	comp=Z,6.0nm,0.8s,baz=311,slow=8.7,SNR=36			LR	LR	11 46 06.4	
CMAR	comp=Z,259nm,21.2s,baz=280,slow=38						
CMAR	comp=Z,6.0nm,0.8s						
CMAR	Chiang Mai Arr	30.27	122	eP	P	11 33 13.2	-0.4
CMAR	comp=Z,6.0nm,0.8s			pmax	pmax		
HHC	Hu-ho-hao-te	30.64	71	eP	P	11 33 19.3	+2.5
HHC	comp=Z,20nm,0.6s			pmax	pmax		
HHC	comp=Z,20nm,0.6s			pmax	pmax		
HHC	comp=Z,150nm,5.2s			LR	LR		
HHC	comp=Z,1um,15.6s			LR	LR		
HHC	comp=Z,1um,14.3s			LR	LR		
HHC	comp=Z,2um,13.4s			LR	LR		
KLMR	Klimovskoe	30.98	329	eP	P	11 33 17.1	-2.4
KLMR	comp=Z,34nm,1.4s			AMP	AMP	11 33 26.8	
KLMR				e	e	11 34 04.3	
KLMR				e	e	11 39 30.8	
KLMR				LQ	LQ	11 43 26.7	
KLMR				LQ	LQ	11 43 26.7	
KLMR				LR	LR	11 43 43.8	
KLMR				AMP	AMP	11 46 18.9	
KLMR	comp=Z,669nm,13.1s						
KLMR	Klimovskoe	30.98	329	eP	P	11 33 17.0	-2.4
KLMR	comp=Z,34nm,1.4s			pmax	pmax		
KLMR	comp=Z,34nm,1.4s			MLR	MLR		
PHRA	Phrae	31.12	120	P	P	11 33 20.7	-0.3
PALK	Pallekele	31.15	163	P	P	11 33 22.5	+1.2
PALK	comp=Z,6.6nm,0.8s,baz=18,slow=6.4,SNR=4.4			LR	LR	11 47 25.0	
PALK	comp=Z,88nm,20.7s,baz=96,slow=39						
PALK	Pallekele	31.15	163	P	P	11 33 22.4	+1.0
PALK	Pallekele	31.15	163	P	P	11 33 22.4	+1.0
PALK	comp=Z,1.1nm,1.0s			pmax	pmax		
GVA	Guiyang	31.22	101	||P	P	11 33 22.4	+0.3
GVA				iP	S	11 33 38.3	+9.3
GVA				S	S	11 38 23.6	-4.8
GVA	comp=Z,49nm,0.8s			pmax	pmax		
GVA	comp=Z,180nm,4.7s			pmax	pmax		
GVA	comp=Z,580nm,17.0s			LR	LR		
EIL	Eilat	31.70	267	P	P	11 33 28.0	+1.8
EIL	comp=Z,7.3nm,0.9s,baz=54,slow=9.5,SNR=6.1			LR	LR	11 48 58.0	
EIL	comp=Z,628nm,18.8s,baz=61,slow=41						
ENH	Enshi	31.77	92	P	P	11 33 26.5	-0.3
ENH	comp=Z,17nm,1.0s			IAMB	IAMB	11 33 31.7	
ENH	Enshi	31.77	92	P	P	11 33 27.0	+0.3
BORA	Eskehir	32.31	287	P	P	11 33 29.8	-1.7
BORA				pP	S	11 33 32.8	-3.6
BORA				IAMB	IAMB	11 33 56.4	
LYN	LuoYang	32.66	83	eP	P	11 33 37.0	+2.5
LYN	comp=Z,17nm,1.1s			S	S	11 33 46.0	+4.6
LYN	comp=Z,11nm,0.7s			S	S	11 38 58.3	+7.9
LYN	comp=Z,11nm,0.7s			SS	SsSn	11 40 52.9	+7.8
LYN	comp=Z,150nm,6.1s			pmax	pmax		
LYN	comp=Z,810nm,17.1s			LR	LR		
LYN	comp=Z,580nm,16.1s			LR	LR		
LYN	comp=Z,610nm,14.7s			LR	LR		
AKASG	Malin Array Be	32.95	307	P	P	11 33 36.9	+0.1
AKASG	comp=Z,4.4nm,0.8s,baz=77,slow=7.2,SNR=21			LR	LR		

22d 11h

Table with columns for station code, name, frequency, and signal strength. Includes stations like ANOVIA, QIONGHONG, BZS, STHS, etc.

2017 MAR

Table with columns for station code, name, frequency, and signal strength. Includes stations like BRG, YAK, TRO, MOA, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like NB2, NOA, NOA, NOA, etc.

SEY	comp=Z,208nm,19.8s,baz=274,slow=38	P	P	11 36 18.9	-0.5		
MYLDM	MYLDM	53.16 116	P	I	Amb	11 36 19.9	-0.7
MBAR	MBAR	53.78 235	LR	LR	12 00 33.8		
MBAR	MBAR	53.78 235	P	P	11 36 23.8	-1.5	
MBAR	MBAR	53.78 235	eP	eP	11 36 28.5	+3.2	
MBAR	MBAR	53.78 235	eP	eP	11 36 27.4	+2.1	
DAG	DAG	53.96 343	iP	iP	11 36 25.0	-0.6	
DBG	DBG	54.87 341	eP	eP	11 36 34.4	+1.1	
DAV	DAV	57.12 108	LR	LR	12 05 06.6		
BILL	BILL	57.30 26	P	P	11 36 50.3	+0.3	
BILL	BILL	57.30 26	eP	eP	11 38 55.7		
BILL	BILL	57.30 26	eP	eP	11 36 50.3	+0.5	
MPSI	MPSI	57.54 118	P	P	11 36 53.3	+1.2	
ESDC	ESDC	57.70 298	P	P	11 36 53.4	+0.3	
ESDC	ESDC	57.70 298	P	P	12 06 41.2		
ESDC	ESDC	57.70 298	P	P	11 36 51.7	-1.3	
PETK	PETK	58.65 45	P	P	11 36 58.0	-0.6	
PETK	PETK	58.65 45	P	P	11 36 58.8	-0.6	
MRSI	MRSI	58.88 117	P	P	11 37 02.5	+1.0	
JCJ	JCJ	58.97 78	LR	LR	12 02 39.1		
NEEM	NEEM	60.18 348	eP	eP	11 37 10.3	+0.2	
SUMG	SUMG	60.34 341	iP	iP	11 37 12.7	+0.7	
KAPI	KAPI	61.32 123	LR	LR	12 04 47.2		
KAPI	KAPI	61.32 123	P	P	11 37 19.0	+0.8	
KULLO	KULLO	62.55 338	I	Amb	11 37 31.7		
TULEG	TULEG	63.54 350	P	P	11 37 31.4	-0.9	
TULEG	TULEG	63.54 350	eP	eP	11 37 32.2	-1.0	
TULEG	TULEG	63.54 350	eP	eP	11 37 33.9		
VOI	VOI	63.73 206	eP	eP	11 37 34.7	+0.7	
A21K	A21K	66.09 15	P	P	11 37 49.6	+0.8	
A21K	A21K	66.09 15	P	P	11 37 46.0	-2.9	
DY2G	DY2G	66.13 337	eP	eP	11 37 50.7	+1.1	
TOAO	TOAO	66.56 269	P	P	11 37 51.0	+0.9	
TOAO	TOAO	66.56 269	I	Amb	11 38 10.2		
TORD	TORD	66.56 269	P	P	11 37 52.2	-0.6	
TORD	TORD	66.56 269	P	P	12 10 59.2		
LSZ	LSZ	66.77 227	LR	LR	12 07 45.4		
LSZ	LSZ	66.77 227	P	P	11 37 53.4	-0.8	
LSZ	LSZ	66.77 227	P	P	11 38 08.2		
LSZ	LSZ	66.77 227	P	P	11 37 53.4	-0.8	
RD0G	RD0G	67.00 20	P	P	11 37 51.9	-3.0	
SFJD	SFJD	67.08 339	LR	LR	12 06 49.3		
KRI	KRI	67.21 224	eP	eP	11 37 57.4	+0.5	
TNA	TNA	67.28 23	P	P	11 38 24.6		
TNA	TNA	67.28 23	I	Amb	11 37 55.4	-1.2	
SHEM	SHEM	67.63 40	LR	LR	12 08 51.2		
RES	RES	67.71 356	P	P	11 37 58.9	-0.3	
RES	RES	67.71 356	LR	LR	12 08 01.5		
RES	RES	67.71 356	P	P	11 37 59.2	0.0	
RES	RES	67.71 356	P	P	11 37 59.2	0.0	
SOEI	SOEI	67.82 123	P	P	11 38 02.6	+1.8	
SOEI	SOEI	67.82 123	P	P	11 38 00.5	-0.3	
GUMO	GUMO	68.31 89	LR	LR	12 09 08.8		
FAKI	FAKI	68.68 111	P	P	11 38 05.2	-1.0	
ANM	ANM	68.75 23	P	P	11 38 04.7	-1.2	
D24K	D24K	68.97 14	P	P	11 38 05.6	-1.5	
C23K	C23K	69.20 15	P	P	11 38 06.6	-2.0	
C26K	C26K	69.51 13	P	P	11 38 09.0	-1.4	
E22K	E22K	69.64 16	P	P	11 38 09.9	-1.5	
D25K	D25K	69.75 14	P	P	11 38 10.6	-1.5	
C27K	C27K	69.97 13	P	P	11 38 13.2	-0.1	
F21K	F21K	70.00 17	P	P	11 38 11.9	-1.7	
F22K	F22K	70.07 17	P	P	11 38 12.6	-1.4	
A36M	A36M	70.08 6	P	P	11 38 14.2	+0.3	
A36M	A36M	70.08 6	P	P	11 38 12.9	-1.0	
E23K	E23K	70.17 15	P	P	11 38 13.4	-1.3	
E24K	E24K	70.40 15	P	P	11 38 15.7	-0.4	
G21K	G21K	70.56 18	P	P	11 38 15.4	-1.6	
G22K	G22K	70.70 17	P	P	11 38 18.3	+0.5	
IMAR	IMAR	70.92 18	P	P	11 38 19.1	-0.1	
E25K	E25K	70.94 14	P	P	11 38 19.1	-0.2	
F24K	F24K	70.99 15	P	P	11 38 19.3	-0.4	
GCSA	GCSA	71.09 20	P	P	11 38 20.9	+0.7	
G23K	G23K	71.21 16	P	P	11 38 20.6	-0.4	
F25K	F25K	71.38 14	P	P	11 38 22.3	+0.3	
H21K	H21K	71.42 18	P	P	11 38 22.0	-0.2	
MUSN	MUSN	71.53 221	eP	eP	11 38 27.2	+3.7	
MUSN	MUSN	71.53 221	I	Amb	11 38 37.3		
F26K	F26K	71.58 14	P	P	11 38 23.4	+0.2	
E27K	E27K	71.61 13	P	P	11 38 23.4	0.0	

BMAR	BMAR	71.73 14	P	P	11 38 24.4	+0.2		
MOPA	MOPA	71.77 219	eP	eP	11 38 28.1	+3.3		
G24K	G24K	71.77 15	P	P	11 38 24.3	0.0		
G25K	G25K	72.00 15	P	P	11 38 25.8	+0.1		
I21K	I21K	72.01 18	P	P	11 38 26.6	+0.8		
H23K	H23K	72.05 17	P	P	11 38 25.7	-0.4		
G26K	G26K	72.30 14	P	P	11 38 27.7	+0.2		
FYU	FYU	72.35 15	P	I	Amb	11 38 27.8	+0.1	
FYU	FYU	72.35 15	P	I	Amb	11 38 33.3		
H24K	H24K	72.42 16	P	P	11 38 27.6	-0.7		
MLY	MLY	72.43 18	P	I	Amb	11 38 28.8	+0.4	
MLY	MLY	72.43 18	P	I	Amb	11 38 37.2		
MLY	MLY	72.43 18	P	P	11 38 27.6	-0.9		
I23K	I23K	72.66 17	P	P	11 38 29.1	-0.5		
INK	INK	72.74 10	P	P	11 38 30.2	+0.1		
INK	INK	72.74 10	P	LR	12 13 29.4			
INK	INK	72.74 10	P	I	Amb	11 38 30.3	+0.3	
INK	INK	72.74 10	P	I	Amb	11 38 34.9		
INK	INK	72.74 10	P	P	11 38 30.3	+0.3		
INK	INK	72.74 10	P	P	11 38 29.6	-0.5		
TTA	TTA	72.75 21	P	P	11 38 35.0	+4.6		
TTA	TTA	72.75 21	P	P	11 38 29.7	-0.6		
C36M	C36M	72.75 6	P	I	Amb	11 38 29.7	-0.4	
C36M	C36M	72.75 6	P	I	Amb	11 38 34.2		
C36M	C36M	72.75 6	P	P	11 38 29.5	-0.6		
G27K	G27K	72.82 13	P	P	11 38 31.3	+0.7		
K20K	K20K	72.95 20	P	P	11 38 31.2	-0.2		
CHUM	CHUM	72.99 19	P	P	11 38 31.7	+0.1		
POKUR	POKUR	73.13 16	P	I	Amb	11 38 32.6	+0.1	
POKUR	POKUR	73.13 16	P	I	Amb	11 38 50.9		
POKUR	POKUR	73.13 16	P	P	11 38 32.2	-0.3		
BPAW	BPAW	73.14 18	P	P	11 38 32.9	+0.3		
NEA2	NEA2	73.20 17	P	P	11 38 32.0	-0.9		
PRP	PRP	73.20 15	P	P	11 38 32.3	-0.8		
TCOL	TCOL	73.24 17	P	I	Amb	11 38 32.6	-0.5	
TCOL	TCOL	73.24 17	P	I	Amb	11 38 37.7		
TCOL	TCOL	73.24 17	P	P	11 38 32.3	-0.8		
COLA	COLA	73.24 17	P	P	11 38 34.3	+1.2		
COLA	COLA	73.24 17	P	P	11 38 32.4	-0.6		
H27K	H27K	73.36 14	P	P	11 38 33.6	-0.3		
CAST	CAST	73.43 19	I	Amb	11 38 34.3	+0.3		
CAST	CAST	73.43 19	I	Amb	11 38 39.1			
CAST	CAST	73.43 19	P	P	11 38 33.2	-1.0		
F31M	F31M	73.52 10	P	P	11 38 34.5	-0.1		
ILAR	ILAR	73.55 16	P	P	11 38 34.3	-0.6		
ILAR	ILAR	73.55 16	P	LR	12 14 11.8			
ILAR	ILAR	73.55 16	P	P	11 38 34.6	-0.3		
ILAR	ILAR	73.55 16	eP	eP	11 38 39.0			
G30M	G30M	73.58 11	P	P	11 38 33.8	-1.3		
KTH	KTH	73.61 19	P	I	Amb	11 38 35.9	+0.5	
KTH	KTH	73.61 19	P	I	Amb	11 38 39.8		
MBWA	MBWA	73.65 134	P	P	11 38 35.1	-0.9		
L19K	L19K	73.68 21	P	P	11 38 34.6	-1.2		
L20K	L20K	73.71 20	P	P	11 38 33.7	-2.3		
PPLA	PPLA	73.83 19	P	P	11 38 36.5	-0.3		
PPLA	PPLA	73.83 19	I	Amb	11 39 04.7			
PPLA	PPLA	73.83 19	P	P	11 38 35.4	-1.4		
N16K	N16K	73.84 24	P	P	11 38 35.4	-1.3		
HDA	HDA	73.84 17	P	P	11 38 35.4	-1.2		
TRF	TRF	73.86 18	P	P	11 38 35.2	-1.8		
I26K	I26K	73.87 15	P	P	11 38 36.1	-0.7		
LEPH	LEPH	73.90 222	eP	eP	11 38 38.3	+0.7		
LEPH	LEPH	73.90 222	I	Amb	11 38 45.7			
I27K	I27K	73.91 14	P	P	11 38 35.1	-2.1		
MCK	MCK	73.95 18	P	P	11 38 35.6	-1.8		
M19K	M19K	74.03 21	P	P	11 38 36.6	-1.2		
EPYK	EPYK	74.07 12	P	P	11 38 35.1	-3.0		
M20K	M20K	74.40 20	P	P	11 38 38.5	-1.6		
N18K	N18K	74.57 22	P	P	11 38 39.5	-1.5		
K24K	K24K	74.63 16	P	P	11 38 38.1	-3.2		
MTN	MTN	74.69 120	P	I	Amb	11 38 41.5	-0.7	
MTN	MTN	74.69 120	P	I	Amb	11 38 42.0		
I29M	I29M	74.73 13	P	P	11 38 38.7	-3.2		
EGAK	EGAK	74.73 14	P	P	11 38 40.9	-1.0		
O16K	O16K	74.74 24	P	P	11 38 39.7	-2.2		
SKT	SKT	74.76 20	P	I	Amb	11 38 42.3	+0.3	
SKT	SKT	74.76 20	P	I	Amb	11 38 50.5		
SKT	SKT	74.76 20	P	P	11 38 39.5	-2.6		
FITZ	FITZ	74.87 128	P	P	11 38 43.2	0.0		
SCRK	SCRK	74.87 16	P	P	11 38 42.5	-0.3		
SCRK	SCRK	74.87 16	I	Amb	11 38 47.4			
SCRK	SCRK	74.87 16	P	P	11 38 41.1	-1.7		
N19K	N19K	74.88 22	P	P	11 38 41.3	-1.6		
RIDG	RIDG	74.89 16	P	P	11 38 41.5	-1.3		
O17K	O17K	74.91 23	P	P	11 38 40.7	-2.2		
KNRA	KNRA	75.11 124	P	P	11 38 45.0	+0.4		
KNRA	KNRA	75.11 124	P	P	11 38 44.6	0.0		
P16K	P16K	75.21 24	P	P	11 38 43.0	-1.6		
K27K	K27K	75.22 15	P	P	11 38 44.5	-0.2		
K27K	K27K	75.22 15	P	I	Amb	11 38 49.8		
K27K	K27K	75.22 15	P	P	11 38 44.0	-0.7		
S2U	S2U	75.29 20	P	P	11 38 43.4	-2.4		
PAX	PAX	75.42 17	P	P	11 38 43.5	-2.4		

O18K	O18K	75.43 23	P	P	11 38 46.3	+0.3	
O18K	O18K	75.43 23	P	I	Amb	11 38 55.5	</

Table with columns: 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.

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22d 14h

Table with columns: JYT, YASOTO, 0.65 325, P, Pn, 13 50 27.3, -0.6, etc. Lists various astronomical objects and their properties.

2017 MAR

Table with columns: RES, IAMB, IAMB, 14 00 44.5, etc. Lists astronomical objects with detailed parameters and coordinates.

1298

Table with columns: U38A, Gravette, 1.94 72, P, Pn, 14 00 43.4, +0.3, etc. Lists astronomical objects with detailed parameters and coordinates.

N33A	comp=Z,354nm,1.2s	I	Amb	Lg	14 02 53.8		
N35A	Tabor	5.06	9	I	Amb	Lg	14 02 50.3
435B	comp=Z,198nm,1.0s	5.12	189	I	Amb	Lg	14 02 59.7
435B	Jarrell	5.12	189	P	Pn	14 01 26.9	+0.1
435B	baz=8.5			S	Sn	14 02 27.0	+0.9
435B	baz=8.5	5.12	189	P	Pn	14 01 26.7	-0.1
PBMO	Poplar Bluff	5.12	78	I	Amb	Lg	14 02 57.7
P40A	comp=Z,592nm,0.7s	5.18	44	I	Amb	Lg	14 02 54.5
P40A	Paris	5.18	44	S	Sn	14 02 28.3	+0.7
M40A	Paris	5.18	44	S	Sn	14 01 30.3	+0.2
MXST	Muleshoe	5.35	251	Pn	Pn	14 01 30.0	-0.1
MXST	Muleshoe	5.35	251	P	Pn	14 02 31.0	-0.9
MXST	baz=68,SNR=5.9			S	Sn	14 02 31.0	-0.3
FVM	French Village	5.44	65	Pn	Pn	14 01 31.3	+0.1
FVM	French Village	5.44	65	P	Pn	14 01 31.3	+0.1
FVM	baz=249,SNR=6.9			S	Sn	14 02 34.1	+0.3
N38A	comp=Z,424nm,0.8s	5.62	28	Pn	Pn	14 01 33.9	+0.3
N38A	comp=Z,424nm,0.8s	5.62	28	P	Pn	14 01 34.1	+0.4
BGNE	Belgrade	5.66	349	Pn	Pn	14 01 34.7	+0.6
BGNE	Belgrade	5.66	349	P	Pn	14 01 34.8	+0.6
BGNE	baz=168			S	Sn	14 02 37.4	-1.9
BGNE	Belgrade	5.66	349	P	Pn	14 01 34.8	+0.6
KSCO	Kaye Shedlock	5.69	305	I	Amb	Lg	14 03 16.3
KSCO	comp=Z,201nm,0.8s	5.69	305	P	Pn	14 01 34.7	0.0
KSCO	baz=122			S	Sn	14 02 40.4	+0.2
342B	Flagon Creek P	5.76	140	P	Pn	14 01 35.9	+0.4
CGM3	Cape Girardeau	5.83	74	I	Amb	Lg	14 03 18.5
JCT	Junction City	5.97	207	I	Amb	Lg	14 03 20.4
JCT	Junction City	5.97	207	P	Pn	14 01 37.6	-1.0
JCT	Junction City	5.97	207	P	Pn	14 01 37.5	-1.0
OXF	Oxford	6.10	101	Pn	Pn	14 01 40.1	-0.1
OXF	comp=Z,146nm,0.9s	6.10	101	P	Pn	14 01 39.3	-0.9
OXF	Oxford	6.10	101	P	Pn	14 01 40.2	-0.1
OXF	baz=285,SNR=8.2			S	Sn	14 01 40.2	-0.1
ODSA	Odessa	6.14	234	I	Amb	Lg	14 03 37.5
W45A	Hickory Valley	6.15	94	I	Amb	Lg	14 03 27.6
Y45A	Yeager Farm, C	6.19	107	Pn	Pn	14 01 41.5	0.0
Y45A	Yeager Farm, C	6.19	107	P	Pn	14 01 41.1	-0.3
T25A	Trinidad	6.36	284	I	Amb	Lg	14 03 35.6
T25A	Trinidad	6.36	284	P	Pn	14 01 43.9	-0.2
OGNE	Ogallala	6.59	322	I	Amb	Lg	14 03 45.2
SCIA	State Center	6.61	23	I	Amb	Lg	14 03 54.0
SCIA	State Center	6.61	23	P	Pn	14 01 47.8	+0.6
Q44A	Meyer Farm, Va	6.81	61	S	Sn	14 03 07.6	0.0
K31A	O'Neill	6.94	347	I	Amb	Lg	14 03 50.5
K31A	O'Neill	6.94	347	P	Pn	14 01 52.5	+0.7
PLAL	Pickwick Lake	7.07	95	I	Amb	Lg	14 03 56.8
SDCO	Great Sand Dun	7.33	287	P	Pn	14 01 57.7	+0.3
SDCO	Great Sand Dun	7.33	287	P	Pn	14 01 57.9	+0.5
Q24A	Divide	7.42	297	I	Amb	Lg	14 04 10.0
Q24A	Divide	7.42	297	P	Pn	14 01 59.0	+0.3
K38A	Parkersburg	7.42	23	P	Pn	14 01 58.1	-0.3
HDIL	Hopedale	7.46	49	P	Pn	14 01 59.1	+0.1
L40A	Anamosa	7.51	33	I	Amb	Lg	14 04 08.7
BRIGG	Briggsdale	7.64	310	I	Amb	Lg	14 04 22.1
833A	Chaparral WMA	7.86	198	P	Pn	14 02 04.1	-0.3
ECSO	EROS Data Cent	7.87	0	P	Pn	14 02 04.1	-0.4
ECSO	EROS Data Cent	7.87	0	P	Pn	14 02 03.7	-0.7
ANMO	Albuquerque	8.04	266	Pn	Pn	14 02 06.8	-0.3
ANMO	comp=Z,0.2nm,0.3s,baz=189,slow=16,SNR=2.4			Pg	Pg	14 02 31.6	+2.1
ANMO	comp=Z,2.1nm,0.3s,baz=168,slow=16,SNR=6.6			Lg	Lg	14 04 19.5	
ANMO	comp=Z,2.1nm,0.3s,baz=65,slow=16,SNR=3.3			LR	LR	14 05 39.6	
ISCO	Idaho Springs	8.09	302	I	Amb	Lg	14 04 37.3
ISCO	Idaho Springs	8.09	302	P	Pn	14 02 07.4	-0.5
ISCO	Idaho Springs	8.09	302	P	Pn	14 02 07.9	0.0
L42A	Oliver, Polo	8.21	40	I	Amb	Lg	14 04 40.0
MNTX	Cornudas Mount	8.35	243	P	Pn	14 02 11.0	-0.2
I37A	Lemond, Waseca	8.52	16	I	Amb	Lg	14 05 03.5
JFWS	Jewell Farm	8.62	33	I	Amb	Lg	14 04 44.5
JFWS	Jewell Farm	8.62	33	P	Pn	14 02 14.1	-0.7
Y49A	Blount Mountai	8.67	100	P	Pn	14 02 15.6	+0.1
SUSD	Miller	8.75	349	I	Amb	Lg	14 04 48.1
PHWY	Pilot Hill	8.76	311	I	Amb	Lg	14 04 48.1
TX31	Lajitas Ar. Si	8.78	224	P	Pn	14 02 17.4	+0.3
TXAR	Lajitas Array	8.78	224	Pn	Pn	14 02 16.8	-0.3
TXAR	comp=Z,0.8nm,0.3s,baz=56,slow=12,SNR=41			Pg	Pg	14 02 47.4	-1.1
TXAR	comp=Z,2.1nm,0.3s,baz=41,slow=15,SNR=13			Lg	Lg	14 04 41.9	
SFIN	Lafayette	8.79	56	P	Pn	14 02 17.2	0.0
N23A	Red Feather La	8.84	307	I	Amb	Lg	14 05 04.2
I40A	Norwalk	9.27	28	I	Amb	Lg	14 05 18.2
I40A	Norwalk	9.27	28	P	Pn	14 02 23.1	-0.7
L44A	Lake County Fo	9.29	45	I	Amb	Lg	14 05 03.7
SPMN	Marine on St.	9.81	16	I	Amb	Lg	14 05 35.1
F33A	5 Mile Ranch	9.97	2	I	Amb	Lg	14 05 28.1
I42A	Draeger Farm	9.99	34	I	Amb	Lg	14 05 24.5
TKL	Tuckaleehee C	10.49	87	Pn	Pn	14 02 40.5	0.0
TKL	comp=Z,0.4nm,0.3s,baz=285,slow=16,SNR=1.7						

TKL	Sn	Sn	14 04 36.9	-1.1			
TKL	Lg	Lg	14 05 37.8				
PDAR	comp=Z,4.1nm,0.3s,baz=179,slow=20,SNR=9.8						
PDAR	Pinedale Array	12.12	309	Pn	Pn	14 03 01.8	-1.2
PDAR	comp=Z,0.2nm,0.3s,baz=123,slow=16,SNR=5.6			Sn	Sn	14 05 10.9	-7.4
PDAR	comp=Z,0.1nm,0.3s,baz=120,slow=16,SNR=4.1			Lg	Lg	14 06 20.2	
PDAR	comp=Z,0.6nm,0.3s,baz=112,slow=34,SNR=1.7			LR	LR	14 08 31.0	
ULM	comp=Z,32nm,20.3s,baz=128,slow=42			2	2	14 03 28.5	-5.2
ULM	Lac du Bonnet	14.39	2	Pn	Pn	14 05 59.0	-1.4
ULM	comp=Z,1.6nm,0.3s,baz=181,slow=11,SNR=8.8			Sn	Sn	14 07 32.8	
ULM	comp=Z,0.4nm,0.3s,baz=79,slow=19,SNR=1.8			Lg	Lg	14 07 32.8	
PFO	comp=Z,0.3nm,0.3s,baz=287,slow=22,SNR=1.3			LR	LR	14 10 09.8	
LPIG	comp=Z,4.2nm,0.4s	16.42	268	LR	LR	14 04 03.8	+0.7
LPIG	La Paz	16.62	229	Pn	Pn	14 04 03.8	+0.7
NVAR	comp=Z,9.1nm,0.3s,baz=73,slow=8.1,SNR=2.1			Pn	Pn	14 04 11.8	-1.8
NVAR	Mina Array B	17.43	285	Pn	Pn	14 06 09.6	+0.8
NVAR	comp=Z,0.1nm,0.3s,baz=68,slow=15,SNR=1.7			P	P	14 07 52.2	+0.7
ILAR	Eielson Array	41.43	330	P	P	14 07 52.2	+0.7
ILAR	comp=Z,0.2nm,0.7s	66.81	19	P	P	14 11 02.1	+0.6
ARCES	comp=Z,3.9nm,1.0s,baz=289,slow=5.6,SNR=4.1			P	P	14 11 39.1	+2.3
ARCES	FINES Array B	72.52	25	P	P		
ARCES	comp=Z,2.7nm,1.0s,baz=302,slow=3.1,SNR=3.7						
ARCES	comp=Z,2.7nm,1.0s						

IDC 22 14:22:29.3:0.6,56:11N:113:80E,h0km,mb3.7/18,
 mbmp3.8/20,ML3.2/2,MS3.4/20, Error ellipse:
 s-maj=16.9km s-min=13.7km az=160.0,
 MOS 22 14:22:29.9:1.2,56:13N:113:79E,h11km,mb4.0/11,
 MS3.4/9, Error ellipse: s-maj=8.6km s-min=5.7km az=75.7
 BYKL 22 14:22:32.9:0.1,56:17N:113:75E,h21km,mb4.0/11,
 NEIC 22 14:22:32.1:1.2,56:20N:113:81E,h15km,5km,
 mb4.1/14, Error ellipse: s-maj=13.8km s-min=10.5km
 az=118.0
 ISC 22 14:22:29.9:0.8,56:16N:113:81E:0.02,h2km,5km,
 n136,az=65/184,mb4.0/28,MS3.3/18,15C-11D,East of
 Lake Baykal

Code	Station Name	Δ°	AZ°	Phase ID	Time of	East	Res
SVKR	Severomuysk	0.15	253	Op	h m s	ISC	ISC
SVKR	37μm,0.1s			Pmax	14 22 36.8		+3.9
SVKR	SVKR			eSg	14 22 39.6		+5.0
SVKR	241μm,0.4s			Smax	14 22 39.9		
SVKR	Severomuysk	0.15	253	PG	14 22 36.6		+3.9
SVKR	SVKR			e	14 22 39.8		
SVKR	comp=Z,37μm,0.4s			pmax	14 22 44.9		+2.0
SVKR	comp=N,240μm,2.2s			smax	14 22 45.3		
UKT	Ukait	0.68	189	PG	14 22 53.8		+2.1
UKT	comp=N,3μm,0.6s			Pmax	14 22 55.0		
UKT	UKT			eSg	14 22 55.0		
UKT	comp=N,17μm,1.2s			Smax	14 22 53.9		
UKT	Ukait	0.68	189	PG	14 22 44.9		+2.0
UKT	UKT			e	14 22 53.9		
UKT	comp=Z,3μm,0.3s			pmax	14 22 53.0		+1.2
UKT	comp=N,11μm,0.5s			Pmax	14 22 59.4		
NLYR	Nelyaty	1.11	72	PG	14 23 08.4		+1.2
NLYR	comp=N,571nm,0.2s			Pmax	14 23 12.7		
NLYR	NLYR			eSg	14 23 08.4		
NLYR	comp=N,6μm,0.8s			Smax	14 23 08.4		
NLYR	Nelyaty	1.11	72	PG	14 23 08.4		+1.2
NLYR	NLYR			e	14 23 08.4		
NLYR	comp=Z,961nm,0.4s			pmax	14 22 53.7		+0.9
NLYR	comp=N,6μm,1.0s			Smax	14 23 09.9		
YOA	Uoyan	1.17	270	PG	14 22 59.0		+1.2
YOA	YOA			e	14 22 59.0		
YOA	comp=Z,3μm,0.2s			pmax	14 22 59.0		+1.2
YOA	comp=N,70μm,0.5s			Smax	14 23 18.5		+0.8
KMO	Kumora	1.49	260	PG	14 22 58.9		+1.2
KMO	comp=N,2μm,0.5s			Pmax	14 23 20.2		
KMO	KMO			eSg	14 23 18.5		
KMO	comp=N,14μm,1.1s			Smax	14 23 18.5		
KMO	Kumora	1.49	260	PG	14 23 02.1		+2.0
KMO	KMO			e	14 23 03.1		
KMO	comp=Z,2μm,0.5s			pmax	14 23 24.5		+1.8
BOD	Bodaibo	1.67	4	ePg	14 23 02.1		+2.0
BOD	BOD			Pmax	14 23 25.3		
BOD	BOD			eSg	14 23 01.9		+1.8
BOD	comp=N,6μm,0.9s			Smax	14 23 24.1		
BOD	Bodaibo	1.67	4	ePN	14 23 01.9		+1.8
BOD	BOD			e	14 23 24.1		
BOD	comp=Z,2μm,0.5s			pmax	14 23 05.7		+1.2
BOD	comp=N,6μm,0.6s			Smax	14 23 05.7		+1.2
YLYR	Ulyunkhan	1.98	231	PG	14 23 05.7		+1.2
YLYR	comp=N,115nm,1.0s			PG	14 23 05.7		+1.2
YLYR	YLYR			e	14 23 05.7		+1.2
YLYR	comp=N,175nm,1.0s			PG	14 23 07.4		+0.4
YLYR	comp=N,227nm,1.0s			PG	14 23 14.7		
YLYR	YLYR			ePg	14 23 33.3		+1.5
YLYR	comp=N,614nm,0.4s			Smax	14 23 35.0		
YLYR	YLYR			eSg	14 23 05.7		+1.2
YLYR	comp=N,5μm,0.9s			Pmax	14 23 07.4		+1.2
YLYR	YLYR			e	14 23 33.2		
YLYR	comp=Z,615nm,0.4s			Smax	14 23 14.3		+1.6
CRS	Chara	2.58	71	ePN	14 23 19.6		+2.7
CRS	CRS			ePg	14 23 37.2		
CRS	comp=N,784nm,0.9s			Smax	14 23 53.5		+4.4
CRS							

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MAK2 Makanchi, KURK Kurchatov, ILAR Eielson Array, BMAR Burnt Mountain, etc.

DJA 22 15:11:00.3 0.4, 1°N, 4°12' 0E, h16km, 4km, M4.4/8, mb4.6/1, MLV4.3/8

NEIC 22 15:11:00.2 1.7, 0.70N, 0.04x120.43E, 0.06, h37km, 11km, mb4.0/12, Error ellipse: s-maj=10.1km s-min=2.9km az=126.0

IDC 22 15:11:03.0 5.1, 0.64N, 120.49E, h71km, 52km, mb3.6/8, mbmp3.9/9, ML3.7/1, MS3.2/10, Error ellipse: s-maj=51.4km s-min=16.2km az=62.0

ISC 22 15:11:00.8 1.0, 0.77N, 0.05x120.36E, 0.05, h43km, 10km, n45, r1574/44, mb4.0/11, MS3.1/9, 1D, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TOL12 Toitoli, MFSI Mafaga, MRSI Marisa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MA2 Magadan, ABKAR Abkulak array, RAR Rarotonga.

NOU 22 15:16:50.7, 11°43'S, 162°63'E, h0km, mb4.8/8, Solomon Islands

IDC 22 15:16:56.0 3.2, 11°65'S, 162°19'E, h52km, 24km, mb3.5/4, mbmp3.8/5, ML3.8/1, MS3.3/3, Error ellipse: s-maj=42.0km s-min=18.0km az=63.0

ISC 22 15:16:54.0 1.4, 11°65'S, 162°55'E, 0.2, h39km, n18, r234/13, mb3.5/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

NOU 22 16:09:50.0, 42°53'S, 173°74'E, h10km, ML3.9/14, South Island, New Zealand

WEL 22 16:09:50.4, 42°54'S, 174°4E, h27km, 11km, M3.5/28, ML3.6/28, MLV3.5/28, Error ellipse: s-maj=0.0km s-min=0.0km az=85.6, confirmed

ISC 22 16:09:50.7 1.0, 42°40'S, 173°64'E, 0.04, h24km, 6km, n97, r1933/101, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, KHZ Kahutara, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TOZ Tahuroa Road, URZ Urewera, URZ Urewera, etc.

IDC 22 16:46:08.3 2.3, 19°27'S, 175°57'W, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=168.2km s-min=31.1km az=151.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, etc.

DJA 22 17:03:22.9 1.8, 9°S, 5°11'9E, h27km, 18km, M3.7/10, mb3.9/2, MLV3.6/10, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PLAI Plampang, TWSI Taliwang, TWSI Taliwang, etc.

IDC 22 17:19:16.2 3 6, 28°88'N, 140°19'E, h0km, mb3.4/2, mbmp3.3/3, ML2.9/2, Error ellipse: s-maj=273.9km s-min=34.8km az=85.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

FUNV 22 17:20:21.0, 9°55'N, 73°10'W, h37km, MW3.6, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CAPV Capacho, CAPV Curarigua, CURV Curarigua, etc.

IDC 22 17:22:31.6 3.4, 51°95'N, 174°15'W, h0km, mb3.3/1, mbmp3.3/3, ML2.9/2, Error ellipse: s-maj=89.7km s-min=39.5km az=177.0

NEIC 22 17:22:49.2 1.9, 54°15'N, 170°10'W, 1.75, 2W, 0.1, h16km, 7km, mb3.5/17, ML3.4(AE/C), Error ellipse: s-maj=16.7km s-min=7.8km az=142.0

AEIC 22 17:22:54.5 2.3, 52°6'N, 0.4x174°7'W, 0.2, h219km, 9km, Error ellipse: s-maj=53.2km s-min=7.5km az=164.0

ISC 22 17:22:53.7 0.2, 53°03'N, 174°7'W, 0.07, h200km, n27, r1540/30, Andean Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GSTR Great Sitkin T, GSTR Adak, ADK Adak, etc.

22d 18h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, FINES FINESS Array B.

NOU 22 17:44:59.4, 41.83S, 174.40E, h11km, MLV3.6/9, Cook Strait, New Zealand
WEL 22 17:45:00.1, 0.42 S, 2.17 4E, h7km, 3km, M3.0/16, ML3.2/16, MLV3.0/16, Error ellipse: s-maj=0.0km s-min=0.0km az=133.3, confirmed

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, TUWZ Tuamarina, SNZO South Karori, TCW Tory Channel, WEL Wellington, PLWZ Palliser, CAW Cannon Point, NNZ Nelson, KHZ Kahutara, PAWZ Paruwai Farm, DUWZ D'Urville Isla, KIWI Kapiti Island, THZ Tophouse, MTW Mount Morrison, TRWZ Traveller, OGWZ Otaki Gorge, MRNZ Matariki Terra, TKNZ Takaka Hill, HOWZ Holdsworth Sta, TMWZ Te Maipa, MRZ Mangatainaka R, GVZ Greta Valley S, TIWZ Tintock, QRZ Quartz Range, PRWZ Port Rouse, POWZ Post Office Ro, BFZ Birch Farm, LTZ Lake Taylor, DSZ Denniston North, AMZ Amberley, DVHZ Dannevirke, WAZ Wanganui, LREZ Lake Rotokare, OXZ Oxford, MQZ MoQueen's Vall, PNHZ Pukenui, INZ Inchbonnie, KHEZ Kahui Hut, NEZ North Egmont, NBZ Newburg Hill No, MTWZ Mangateitei, PKZ Pokaia, MOVZ Moawhango, WNVZ Wahianoa, VRZ Vera Road, TRVZ Turoa, RACZ Rakaia, BHZ Black Hill Sta, PKZ Pawanui, DRZ Dome Shelter, WHVZ Whangape Hut, FWZ Far West T-bar, TUWZ Tukuino, NGZ Ngauruhoe, SNVZ South Ngauruho, MHCZ Mt Cook, OTVZ Oturere, NNVZ North Ngauruho, TWVZ Taurewa, WTVZ West Tongariro, KAHZ Kahurangi, ETVZ East Tongariro, TMVZ Te Maari, KRZ Karewarewa, NTVZ North Tongariro, WACZ Wakanuui South, KATZ Kakarama, WJZ Waitaha Valley, RITZ Rihia Road, BKP Black Stump Fm, RPZ Rata Peaks, HIZ Hauiti, ARZ Arundel, GCSZ Gaunt Creek Bo, TLZ Tolley Road, TMZ Timaru, FOZ Fo Glacier, OZD Otahua Downs, JAZZ Jackson Bay, CTZ Chatham Island.

WEL 22 17:46:38.6, 0.3, 42 S, 2.17 4E, h8km, 2km, M3.4/20, ML3.7/20, MLV3.4/20, Error ellipse: s-maj=0.0km s-min=0.0km az=135.1, confirmed, Cook Strait

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, TUWZ Tuamarina, TCW Tory Channel, WEL Wellington, NNZ Nelson, PLWZ Palliser, MSWZ Moikau Station, CAW Cannon Point, DUWZ D'Urville Isla, KHZ Kahutara, PAWZ Paruwai Farm, KIWI Kapiti Island, THZ Tophouse, MTW Mount Morrison, OGWZ Otaki Gorge, MRNZ Matariki Terra, TKNZ Takaka Hill, TRWZ Traveller, HOWZ Holdsworth Sta, TMWZ Te Maipa, MRZ Mangatainaka R, QRZ Quartz Range, TIWZ Tintock, GVZ Greta Valley S, CPWZ Castlepoint, PRWZ Port Rouse, POWZ Post Office Ro.

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like DSZ Denniston North, BFZ Birch Farm, LTZ Lake Taylor, AMZ Amberley, WAZ Wanganui, DVHZ Dannevirke, LREZ Lake Rotokare, PRHZ Porangahua, PNHZ Pukenui, PRNZ Palmer Road, INZ Inchbonnie, OXZ Oxford, WPHZ Waipuku, MQZ MoQueen's Vall, KHEZ Kahui Hut, NEZ North Egmont, NBZ Newburg Hill No, MTWZ Mangateitei, PKZ Pokaia, MOVZ Moawhango, WNVZ Wahianoa, VRZ Vera Road, TRVZ Turoa, RACZ Rakaia, BHZ Black Hill Sta, PKZ Pawanui, DRZ Dome Shelter, WHVZ Whangape Hut, FWZ Far West T-bar, TUWZ Tukuino, NGZ Ngauruhoe, SNVZ South Ngauruho, MHCZ Mt Cook, OTVZ Oturere, NNVZ North Ngauruho, TWVZ Taurewa, WTVZ West Tongariro, KAHZ Kahurangi, ETVZ East Tongariro, TMVZ Te Maari, KRZ Karewarewa, NTVZ North Tongariro, WACZ Wakanuui South, KATZ Kakarama, WJZ Waitaha Valley, RITZ Rihia Road, BKP Black Stump Fm, RPZ Rata Peaks, HIZ Hauiti, ARZ Arundel, GCSZ Gaunt Creek Bo, TLZ Tolley Road, TMZ Timaru, FOZ Fo Glacier, OZD Otahua Downs, JAZZ Jackson Bay, CTZ Chatham Island.

IDC 22 17:52:36.6, 7.2, 6.29S, 154.34E, h135km, 40km, mb3.2/4, mbtmp3.7/6, Error ellipse: s-maj=81.8km s-min=22.3km az=92.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Array.

KRSC 22 17:59:13.1, 4.56, 15N, 164.54E, h53km, 20km, MI3.5, Komandorsky Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like KBTR Krutoberegovo, KBG Krutoberegovo, BKI Bering, SMKR Semkarok, SRKR Sorokina, KLY Klyuchi, TUMD Tumrok D, TUMR Tumrok, SRDR Sredinnyy, OSSR Ossora, ESSR Esso, SPN Mysl Shipunski, SPN Mys, KRER Koryakskii, SMAR Somma, KRX Arik, AVH Avacha, UCLR Uglovaya, KOK Kolykva, GNL Ganaly, DALK Dalny, DALK Karymsinskiy, KRMF Kremnitskiy, MTRV Mutnovka, KDTR Khodutka, KMSK Kamenskaya.

IDC 22 18:15:39.4, 18.0, 22.36S, 178.53W, h650km, 223km, mb3.0/5, mbtmp4.0/5, Error ellipse: s-maj=160.6km s-min=72.8km az=140.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, ILAR Eielson Array, PDAR Pinedale Array.

IDC 22 18:16:51.4, 7.2, 4.69S, 145.64E, h103km, 75km, mb3.2/3, mbtmp3.5/5, ML1.1/1, Error ellipse: s-maj=55.9km s-min=31.5km az=141.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs.

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

IDC 22 18:20:27.8, 2.0, 58.09N, 156.41W, h100km, 15km, mb3.5/4, mbtmp3.9/18, Error ellipse: s-maj=25.0km s-min=14.5km az=33.0, NEIC 22 18:20:29.4, 2.6, 57.88N, 156.10W, h117km, 10km, Error ellipse: s-maj=10.5km s-min=7.5km az=142.0, ANF 22 18:20:29.7, 2.0, 57.87N, 156.19W, h127km, 2km, ML3.8/42, Error ellipse: s-maj=2.5km s-min=1.9km az=142.0, AEIC 22 18:20:31.2, 2.9, 57.86N, 156.20W, 0.1, h122km, 6km, ML3.8, mb4.4/21 (NEIC), ML3.8/62 (NEIC), Error ellipse: s-maj=10.5km s-min=8.1km az=136.0, ISC 22 18:20:29.0, 6.57, 93N, 0.04, 156.19W, 0.03, h124km, 6km, n317, r123/336, mb4.0/21, Alaska

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like R17K Ugashik Creek, R17K Contact Creek, Q17K Cape Douglas, Q16K King Salmon, Q16K Pilot Point, R16K Katmai Hardscr, Q18K Nushagak River, P16K Big Mountain, P18K Nushagak River, Q19K Cape Douglas, Q19K Cape Douglas, Q19K Old Harbor, OHAK Old Harbor, OHAK Old Harbor, OHAK Old Harbor, O17K Koliaganek Bris, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, O16K Kokwok River B, O16K Kottuh Hills, O18K Kottuh Hills, CHGN Chignik, CHGN Chignik, Q20K Shuyak Island, Q20K Oil Pt, P19K Oil Pt, P19K Oil Pt, P19K Oil Pt, O19K Port Alsworth, O19K Port Alsworth, ILSW Iliamna Southw, ILSW Iliamna Southw, N18K Kilae Creek, N18K Kilae Creek, O20K Shuyak Mountain, O20K Nishik Lake, N16K Nishik Lake, HOM Homer, HOM Homer, HOM Homer, N19K Bonanza Creek, N19K Bonanza Creek, CNPM China Foot, CNPM China Foot, RSO Redoubt South, SVWZ Sparrevohn, SVWZ Sparrevohn, BRLK Bradley Lake, BRLK Bradley Lake, BRSE Bradley Lake S, BRSE Bradley Lake S, SDPT Sand Point, SDPT Sand Point, SDPT Sand Point, SDPT Sand Point.

CAPN	baz=42	3.84	40	Pn	Pn	18 21 28.9 +1.7
CAPN	comp=E,27nm,1.0s				IAML	18 22 34.9
SPCR	Spurr Chakacha	3.85	30	P	Pn	18 21 28.6 +1.1
S12K	Black Hills	3.92	238	P	Pn	18 21 28.1 -0.3
S12K	baz=54,SNR=7.2				S	18 22 12.1 -1.6
SLKM	Skilak Lake	4.01	47	Pn	Pn	18 21 30.9 +1.3
M19K	Big River Lodg	4.09	12	P	Pn	18 21 32.2 +1.6
M19K	baz=193	4.09	12	P	Pn	18 21 32.2 +1.6
SEW	Seward	4.11	55	P	Pn	18 21 31.4 +0.6
SEW	Seward	4.11	55	P	Pn	18 21 31.7 +0.9
O22K	Cooper Landing	4.19	50	P	Pn	18 21 33.2 +1.3
O22K	Cooper Landing	4.19	50	P	Pn	18 21 32.9 +0.9
M20K	Styx River	4.25	20	Pn	Pn	18 21 34.9 +2.1
M20K	comp=E,27nm,1.1s				IAML	18 22 27.3
M20K	Styx River	4.25	20	Pn	Pn	18 21 35.0 +2.2
L19K	White Mountain	4.32	8	Pn	IAML	18 21 34.9 +1.3
L19K	comp=N,34nm,1.0s				IAML	18 23 10.1
L19K	White Mountain	4.32	8	P	Pn	18 21 35.0 +1.3
FIS	Fire Island	4.43	41	Pn	IAML	18 21 35.6 +0.6
FIS	comp=E,153nm,0.8s				IAML	18 22 34.9
SUA	Susitna One	4.49	36	Pn	IAML	18 21 37.0 +0.9
SUA	comp=N,146nm,0.7s				IAML	18 22 30.9
RC01	Susitna One	4.49	36	P	Pn	18 21 36.7 +0.7
RC01	Rabbit Creek A	4.56	43	IAML	Pn	18 21 37.5 +0.6
RC01	Rabbit Creek A	4.56	43	IAML	Pn	18 22 29.1
RC01	comp=N,142nm,0.5s				IAML	18 22 31.9
RC01	Rabbit Creek A	4.56	43	P	Pn	18 21 37.4 +0.5
SKT	Skwentna	4.69	28	Pn	Pn	18 21 40.2 +1.6
SKT	Skwentna	4.69	28	IAML	Pn	18 22 37.2
SKT	comp=E,60nm,0.4s				IAML	18 22 39.4
SKT	Skwentna	4.69	28	P	Pn	18 21 39.7 +1.1
L20K	Farewell, AK	4.71	13	Pn	Pn	18 21 40.6 +1.8
PWL	Port Wells	4.97	51	IAML	Pn	18 21 42.1 -0.3
PWL	Port Wells	4.97	51	IAML	Pn	18 22 41.2
PWL	Port Wells	4.97	51	P	Pn	18 21 42.3 -0.1
P23K	Montague Islan	5.00	62	P	Pn	18 21 42.8 +0.1
TTA	Tatalina	5.02	1	Pn	IAML	18 21 44.5 +1.5
TTA	comp=E,17nm,1.5s				IAML	18 23 29.9
TTA	Tatalina	5.02	1	P	Pn	18 21 44.6 +1.6
TTA	Tatalina	5.02	1	P	Pn	18 21 43.9 +0.8
FALS	False Pass	5.06	236	P	Pn	18 21 43.0 -0.5
FALS	False Pass	5.06	236	P	Pn	18 21 43.2 -0.4
PMR	Palmer	5.12	41	IAML	Pn	18 21 43.4 -0.7
PMR	comp=E,47nm,0.5s				IAML	18 22 43.6
PMR	Palmer	5.12	41	P	Pn	18 21 44.5 +0.2
PMR	Palmer	5.12	41	P	Pn	18 21 44.1 -0.2
KNK	Knik Glacier	5.25	45	Pn	Pn	18 21 45.7 -0.4
KNK	Knik Glacier	5.25	45	Pn	Pn	18 21 45.9 -0.2
Q23K	Middleton Isla	5.35	70	Pn	Pn	18 21 48.0 +0.6
MID	Middleton Isla	5.36	70	Pn	Pn	18 21 48.0 +0.5
MID	Middleton Isla	5.36	70	Pn	Pn	18 21 48.0 +0.5
PPLA	Purkeypile	5.36	20	Pn	Pn	18 21 50.5 +2.8
PPLA	Purkeypile	5.36	20	Pn	Pn	18 21 50.0 +2.3
CUT	Chuilina	5.37	31	Pn	Pn	18 21 48.8 +1.1
CUT	Chuilina	5.37	31	P	Pn	18 21 48.2 +0.4
K20K	Telida	5.54	10	Pn	Pn	18 21 51.7 +1.6
K20K	Telida	5.54	10	Pn	Pn	18 21 51.6 +1.6
SML	Sawmill	5.55	42	Pn	Pn	18 21 49.2 -0.9
SML	Sawmill	5.55	42	Pn	Pn	18 21 49.2 -0.9
M23K	Glacier View	5.76	44	P	Pn	18 21 52.6 -0.3
CAST	Castle Rocks	5.86	18	Pn	Pn	18 21 55.8 +1.5
CAST	Castle Rocks	5.86	18	Pn	Pn	18 21 56.1 +1.8
SCM	Sheep Creek Mo	5.93	45	Pn	Pn	18 21 54.9 -0.4
SCM	Sheep Creek Mo	5.93	45	Pn	Pn	18 21 54.9 -0.4
EYAK	Cordova Ski Ar	5.97	60	Pn	Pn	18 21 55.6 0.0
EYAK	Cordova Ski Ar	5.97	60	Pn	Pn	18 21 55.7 0.0
EYAK	Cordova Ski Ar	5.97	60	Pn	Pn	18 21 55.8 0.0
WAT7	Susitna Watana	6.12	33	Pn	Pn	18 21 57.2 -0.6
DIV	Divide	6.19	54	Pn	Pn	18 21 59.2 +0.3
WAT1	Susitna Watana	6.20	34	Pn	Pn	18 21 58.2 -0.7
WAT1	Susitna Watana	6.20	34	P	Pn	18 21 58.2 -0.7
KTH	Kantishna Hill	6.20	22	Pn	Pn	18 21 59.8 +0.8
TRF	Thorofore Moun	6.25	25	Pn	Pn	18 22 00.2 +0.6
TRF	Thorofore Moun	6.25	25	Pn	Pn	18 22 00.2 +0.6
CHUM	Lake Minchum	6.26	16	Pn	Pn	18 22 01.6 +1.9
CHUM	Lake Minchum	6.26	16	P	Pn	18 22 01.3 +1.6
KLU	Klutina	6.30	51	Pn	Pn	18 22 00.4 +0.1
KLU	Klutina	6.30	51	P	Pn	18 22 00.8 +0.4
M24K	Tolsona, Glenn	6.54	46	Pn	Pn	18 22 03.4 0.0
M24K	Tolsona, Glenn	6.54	46	P	Pn	18 22 03.4 0.0
RND	Reindeer	6.57	30	Pn	Pn	18 22 03.5 -0.4
AKUT	Akutana	6.58	239	Pn	Pn	18 22 03.3 -0.7
AKUT	Akutana	6.58	239	Pn	Pn	18 22 03.8 -0.2
BPAW	Bear Paw Mtn.	6.68	20	Pn	Pn	18 22 05.4 0.0
BPAW	Bear Paw Mtn.	6.68	20	Pn	Pn	18 22 05.5 +0.1
MCK	McKinley	6.81	28	Pn	Pn	18 22 07.1 0.0
MCK	McKinley	6.81	28	Pn	Pn	18 22 07.0 -0.2
GCSA	Galena City Sc	6.85	358	P	Pn	18 22 07.4 -0.1
GCSA	Galena City Sc	6.85	358	P	Pn	18 22 08.2 +0.7
N25K	Chitina, Valde	6.91	53	Pn	Pn	18 22 09.0 +0.4
N25K	Chitina, Valde	6.91	53	Pn	Pn	18 22 08.9 +0.3
BWN	Browning	7.06	25	Pn	Pn	18 22 10.4 0.0
HARP	HARP	7.09	46	Pn	Pn	18 22 10.8 -0.1
UNV	Unalaska Valle	7.10	239	Pn	Pn	18 22 09.8 -1.2
UNV	Unalaska Valle	7.10	239	Pn	Pn	18 22 09.9 -1.1
GLB	Gilahina Butte	7.18	55	Pn	Pn	18 22 12.4 +0.2
SNH	Sunshine Point	7.25	66	Pn	Pn	18 22 13.7 +0.7
VRDI	Verde Repeater	7.26	58	Pn	Pn	18 22 13.6 +0.2
PAX	Paxson	7.32	42	Pn	Pn	18 22 13.7 -0.3
PAX	Paxson	7.32	42	P	Pn	18 22 13.8 -0.3
NEA2	Nenana	7.51	24	Pn	Pn	18 22 15.2 -1.3
NEA2	Nenana	7.51	24	Pn	Pn	18 22 15.5 -1.0
MCARA	McCarthy VSAT	7.51	57	Pn	Pn	18 22 16.9 +0.4
MCARA	McCarthy VSAT	7.51	57	Pn	Pn	18 22 16.8 +0.2
I21K	Tanana	7.54	14	Pn	Pn	18 22 17.9 +1.0
I21K	Tanana	7.54	14	P	Pn	18 22 18.0 +1.0
MLY	Manley	7.58	18	Pn	Pn	18 22 17.2 -0.3

MLY	Manley	7.58	18	P	Pn	18 22 17.2 -0.3
WRH	Wood River Hill	7.63	27	Pn	Pn	18 22 16.9 -1.3
KIAG	Kiagna River	7.66	61	Pn	Pn	18 22 19.1 +0.4
BALM	Baldy	7.70	60	Pn	Pn	18 22 19.6 +0.3
K24K	Donnelly Dome	7.77	36	Pn	Pn	18 22 20.5 +0.5
CCB	Clear Creek Bu	7.85	27	Pn	Pn	18 22 19.7 -1.3
HDA	Harding Lake	7.88	31	Pn	Pn	18 22 20.2 -1.3
HDA	Harding Lake	7.88	31	P	Pn	18 22 20.0 -1.4
H21K	Melozitna Rive	7.92	10	Pn	Pn	18 22 23.5 +1.5
H21K	Melozitna Rive	7.92	10	P	Pn	18 22 23.5 +1.5
I23K	Minto, Yukon-K	7.94	21	Pn	Pn	18 22 21.4 -0.8
I23K	Minto, Yukon-K	7.94	21	Pn	Pn	18 22 21.3 -1.0
MENT	Mentasta	7.95	46	Pn	Pn	18 22 22.8 +0.4
M26K	Nabesna, AK	7.96	50	Pn	Pn	18 22 23.0 +0.4
M26K	Nabesna, AK	7.96	50	P	Pn	18 22 22.9 +0.3
ANM	Nome	7.98	330	Pn	Pn	18 22 24.7 +1.8
ANM	Nome	7.98	330	Pn	Pn	18 22 21.8 -1.1
MDM	Mendo Dome	8.01	25	Pn	Pn	18 22 22.0 -1.3
TCOL	CIGO, UAF Yank	8.02	26	Pn	Pn	18 22 21.6 -1.8
TCOL	CIGO, UAF Yank	8.02	26	Pn	Pn	18 22 22.7 -0.7
COLA	College	8.03	26	Pn	Pn	18 22 21.5 -1.9
COLA	College	8.03	26	Pn	Pn	18 22 21.0 -0.5
COLA	College	8.03	26	Pn	Pn	18 22 22.6 -0.9
BARN	Barnard Glacie	8.03	61	Pn	Pn	18 22 24.1 +0.4
RIDG	Independent Ri	8.03	39	Pn	Pn	18 22 23.3 -0.3
RIDG	Independent Ri	8.03	39	P	Pn	18 22 23.1 -0.5
L26K	Log Cabin Wild	8.14	46	Pn	Pn	18 22 26.1 +1.1
L26K	Log Cabin Wild	8.14	46	P	Pn	18 22 25.7 +0.7
IMAR	Indian Mountai	8.16	7	Pn	Pn	18 22 26.8 +1.5
IL31	Ilkai	8.18	29	Pn	Pn	18 22 24.0 -1.5
ILAR	Eielson Arroy	8.18	29	Pn	Pn	18 22 23.4 -2.2
ILAR	comp=N,18nm,0.5s,ba				S	18 23 48.8 -7.4
DOT	Dot Lake	8.24	41	Pn	Pn	18 22 26.1 -0.4
SAMH	Samovar Hills	8.25	68	Pn	Pn	18 22 27.8 +1.2
POKR	Poker Plat Res	8.33	26	Pn	Pn	18 22 26.7 -0.9
POKR	Poker Plat Res	8.33	26	P	Pn	18 22 26.4 -1.1
M27K	Edge Creek, AK	8.40	52	Pn	Pn	18 22 29.4 +0.7
M27K	Edge Creek, AK	8.40	52	P	Pn	18 22 29.2 +0.6
SCRK	Sand Creek	8.47	39	Pn	Pn	18 22 28.3 -1.3
SCRK	Sand Creek	8.47	39	P	Pn	18 22 28.7 -1.0
PCA	Pinnacle	8.50	69	Pn	Pn	18 22 30.2 +0.2
PINM	Pinnacle	8.51	69	Pn	Pn	18 22 29.6 -0.4
H23K	Yukon River	8.52	19	Pn	Pn	18 22 29.3 -0.8
H23K	Yukon River	8.52	19	Pn	Pn	18 22 29.6 -0.5
O28M	Mount Upton	8.65	64	Pn	Pn	18 22 33.0 +0.8
G21K	Allakaket	8.71	7	P	Pn	18 22 34.0 +1.3
NIKH	Nikolski High	8.74	241	Pn	Pn	18 22 31.1 -2.0
NIKH	Nikolski High	8.74	241	P	Pn	18 22 31.4 -1.8
NIKH	Nikolski High	8.74	241	P	Pn	18 22 31.3 -1.8
L27K	Beaver Creek	8.75	48	Pn	Pn	18 22 33.8 +0.5
L27K	Beaver Creek	8.75	48	Pn	Pn	18 22 33.5 +0.2
BCAR	Beaver Creek A	8.77	48	Pn	Pn	18 22 33.9 +0.4
BCPM	Boose Point	8.79	70	Pn	Pn	18 22 34.5 +0.7
YUK3	Moose Creek	8.80	57	Pn	Pn	18 22 34.2 +0.1
H24K	Noodor Dome	8.84	23	Pn	Pn	18 22 33.2 -1.3
H24K	Noodor Dome	8.84	23	P	Pn	18 22 32.9 -1.6
BVCY	Beaver Creek	8.86	53	Pn	Pn	18 22 33.4 -1.3
PNL	Peninsula	8.89	72	Pn	Pn	18 22 35.3 +0.1
PNL	Peninsula	8.89	72	P	Pn	18 22 35.4 +0.1
YUK8	Steele Glacie	8.97	61	Pn	Pn	18 22 37.6 +1.1
PRP	Porcupine Dome	9.13	29	Pn	Pn	18 22 37.0 -1.4
PRP	Porcupine Dome	9.13	29	P	Pn	18 22 36.8 -1.6
K27K	Chicken	9.17	42	Pn	Pn	18 22 38.7 -0.2
K27K	Chicken	9.17	42	P	Pn	18 22 38.7 -0.2
G23K	Chickena Creek	9.26	15	Pn	Pn	18 22 42.1 +1.1
G22K	Bettles	9.28	12	Pn	Pn	18 22 41.3 +1.0
O29M	Mount Kennedy	9.36	68	Pn	Pn	18 22 42.5 +0.8
F21K	Alatina River	9.41	6	Pn	Pn	18 22 43.6 +1.5
TNA	Tin City	9.44	329	Pn	Pn	18 22 44.5 +2.0
TNA	Tin City	9.44	329	P	Pn	18 22 43.9 +1.4
YUK4	Talbot Arroy	9.51	62	Pn	Pn	18 22 45.4 +1.7
YUK6	Outpost Mounta	9.56	64	Pn	Pn	18 22 44.5 0.0
I26K	Coal Creek Min	9.64	34	Pn	Pn	18 22 43.5 -1.7
I26K	Coal Creek Min	9.64	34	P	Pn	18 22 44.0 -1.1
G24K	Hadwenzic Riv	9.68	21	Pn	Pn	18 22 43.6 -2.1
COLD	Coldfoot	9.72	14	Pn	Pn	18 22 48.4 +2.1

1305

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like ELAR Eielson Array, PPLA Purkeypile, SCRK Sand Creek, etc.

ANF 22 18:57:31.2, 1.1, 32.220N, 115.222W, h17km, 8km, ML3.9/22, Error ellipse: s-maj=3.6km s-min=1.6km az=22.0

MEX 22 18:57:32.1, 0.6, 32.38N, 115.00W, h40km, 4km, MD4.0, PAS 22 18:57:33.2, 0.2, 32.23N, 115.23W, h7km, 5km, ML4.0/288, ML3.8/58(NEIC), Error ellipse: s-maj=3.9km s-min=2.7km az=136.0

NEIC 22 18:57:32.8, 2.1, 32.22N, 115.22W, 0.02, h22km, 7km, Error ellipse: s-maj=3.4km s-min=2.3km az=195.0

ECX 22 18:57:33.8, 0.7, 32.19N, 115.27W, h7km, 4km, MD3.6, ML4.0, Fault plane solution: NP1 phi=21.00000, delta=18.00000, lambda=57.00000

ISC 22 18:57:31.9, 0.8, 32.17N, 115.24W, 0.02, h18km, 4km, n145, e110/186, 9C-5D, California-Baja California border region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like RHX Rio Hardy, GUVIX Guadalupe Vict, MBIG Mexicali, etc.

2017 MAR

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like YUH Yuha Desert, YUH2 Yuha Desert, IMPE Imperial, etc.

22d 18h

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like BFSC Mount Baldy Ra, CIS Catalina Island, FMP Fort Macarthur, etc.

22d 19h

Table with columns: Run, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station codes like RUTH, IN-KO, VALE, etc.

ADC 22 19:21:13.3, 5.7, 36.99N-72.47E, h105km, 53km, mbtmp3.4/6, Error ellipse: s-maj=65.4km s-min=27.3km az=143.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and station codes like AAK, GEYT, MKAR, etc.

ADC 22 19:40:34.7, 1.3, 30.74S-71.76W, h0km, mb3.4/1, mbtmp3.6/7, ML3.6/6, MS2.9/3, Error ellipse: s-maj=30.4km s-min=24.6km az=63.0

SJA 22 19:40:36.3, 0.8, 30.70S-71.69W, h15km, 3km, ML3.9, MW3.9, Hypocentre not reviewed by the ISC

GUC 22 19:40:40.4, 0.8, 30.73S-71.47W, h47km, 2km, ML4.0, ISC 22 19:40:40.6, 0.8, 30.73S-71.47W, h47km, 2km, ML4.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and station codes like CO06, CO02, CO03, etc.

2017 MAR

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and station codes like ROC1, PEL, PEL, etc.

ADC 22 19:50:52.8, 1.5, 36.10N-141.53E, h0km, mb3.4/3, mbtmp3.4/6, ML3.4/2, Error ellipse: s-maj=35.1km s-min=20.9km az=70.0

JMA 22 19:50:56.4, 0.2, 36.0N-141.1E, h31km, 2km, MV3.3/35, FAR E OFF IBARAKI PREF

JMA Felt J1 at FAR E OFF IBARAKI PREF, ISC 22 19:50:56.1, 1.5, 36.03N-141.27E, h25km, 11km, n22, r=150/24, mb3.5/3, 2N, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and station codes like CHOU, CHOU, etc.

1306

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and station codes like ASAJ, ASAJ, USRK, etc.

TEH 22 19:53:24.8, 36.79N-54.25E, h9km, 17km, ML3.9, IDC 22 19:53:24.5, 0.9, 36.76N-54.30E, h0km, mb3.8/13, mbtmp3.8/22, ML3.9/9, MS3.2/7, Error ellipse: s-maj=20.5km s-min=11.2km az=4.0

MOS 22 19:53:30.6, 1.4, 37.15N-54.33E, h35km, mb4.0/11, Error ellipse: s-maj=8.8km s-min=5.4km az=134.8, AZER 22 19:53:31.2, 0.1, 37.18N-53.56E, h10km, 7km, Error ellipse: s-maj=23.6km s-min=1.6km az=304.0

NEIC 22 19:53:33.7, 2.2, 37.4N-0.1, 54.40E-0.0, h30km, 5km, mb4.1/20, Error ellipse: s-maj=18.8km s-min=10.1km az=179.0

ISC 22 19:53:26.6, 0.5, 36.87N-0.04, 54.27E-0.04, h10km, n205, c209/231, mb4.0/29, MS3.0/3, 26C-2D, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and station codes like IGLO, IGLO, IGLO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ITBZ, AMIS, KHGB, IDHR, AKTY, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like R2SD, K22A, PHWY, RWWY, etc.

IDC 22 19:55:24.0:599.0,54:58N:0:94E,h0km, Error ellipse: s-maj=340.8km s-min=192.2km az=111.0, North SE

IDC 22 19:57:17.7:999.0,53:33N:4:10E,h0km, Error ellipse: s-maj=440.6km s-min=167.2km az=114.0, North SE

IDC 22 20:00:42.9:0.8, 43:396N:105:65W,h0km, mb3.9/6, mbmp3.8/13, ML3.3/6, Error ellipse: s-maj=18.6km s-min=9.6km az=145.0, NEIC 22 20:00:43.0:1.3, 43:379N:105:105:25W,0:06,h0km,2km, ML3.5/87, Error ellipse: s-maj=8.5km s-min=6.6km

az=156.0, ISC 22 20:00:41.7:0.7, 43:377N:106:006:105:25W,0:05,h0km,n98, c1230/98, mb4.1/6, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Black Hills Casper, Pilot Hill, Rawlins, Red Feather La, etc.

22d 21h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Includes stations like B35A NEW, KVN Kaisereille, FFC Flin Flon, NVAR Mina Array Bea, TXAR Lajitas Array, YKA Yellowknife Ar, ARCES ARCESS Array B, ZALV Zalesovo Beam, BVAR Borovoye Array, SONM Songtsi Array, KURBB Kurchatov Arra, MKAR Makanchi Array.

NEIC 22-20:15:53.8;1.4, 14.7S;0.1;166.6E;0.2, h10km, 1km, mb4.5/14, Error ellipse: s-maj=26.2km s-min=16.9km az=100.0

IDC 22-20:16:02.2, 13.0, 15.13S; 165.37E, h0km, mb3.9/3, mbtmp3.9/4, ML3.4/1, Error ellipse: s-maj=22.7, 4km s-min=35.9km az=53.0

ISC 22-20:15:53.4;0.8, 14.71S;0.08;166.6E;0.1, h10km, n25, s=1949/27, mb4.4/10, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Includes stations like LIFNC LIFOU, KOUNC Koumac, New Ca, DZM Mont Dzumac, DZM DZM, DZM DZM, ONTNC Ouen Toro, OUENC Ouen Island, N, PINES Pines Island, EIDS Eidsvold, STKA Stephens Creek, WBO Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, BBOO Bucleboo, KNRA Kununurra, FITZ Fitzroy Crossi, NWAA Narrogin (SRO), VNSA Yanda, SBA Scott Base, MCARA McCarthy VSAT, AFDM Forest Hills D, PIX Pinacate.

IDC 22-20:27:49.7;2.9, 6.70S; 131.97E, h0km, mb3.5/2, mbtmp3.6/4, ML3.7/2, MS3.2/3, Error ellipse: s-maj=205.0km s-min=30.9km az=75.0, Tanimbar Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Includes stations like KAPI Kappang, WRA Warramunga Arr, WRA WRA, ASAR Alice Springs, CTA Charters Tower, DZM Mont Dzumac, MKAR Makanchi Array, ZALV Zalesovo Beam.

HVO 22-20:29:32.1;1.1, 18.97N;0.07;155.47W;0.03, h41km, 4km, ML2.5/7, ML2.9/34(NEIC), Error ellipse: s-maj=9.7km s-min=4.5km az=171.0

NEIC 22-20:29:30.4;1.1, 18.97N;0.06;155.47W;0.03, h48km, 2km, Error ellipse: s-maj=9.0km s-min=4.3km az=171.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Includes stations like HPO Honuapo, HTO Hot Caves, KHU Kahuku, KHU Kahuku, KHU Kahuku, HLP Hiilani Pali, HLP Hiilani Pali, HLP Hiilani Pali, AIN Ainahou, AIN Ainahou, AIN Ainahou, SDHHI Sand Hill, SDHHI Sand Hill, RIM Rim.

2017 MAR

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Includes stations like RIM Rim, RIM Rim, WRMH West Rim, KKO Keanakako'i, KKO Keanakako'i, KKO Keanakako'i, PUH Pauahi, PUH Pauahi, PUH Pauahi, UWE Uwekahuna, BYL Byron's Ledge, BYL Byron's Ledge, UWB Uwekahuna B, UWB Uwekahuna B, UWB Uwekahuna B, SBLLH Steaming Bluff, KNHH Kane Nui o Ham, RSD Rainshed, MWH Moku'awewe, MWH Moku'awewe, MWH Moku'awewe, MLH Mauna Loa, MLH Mauna Loa, MLH Mauna Loa, STCH Steam Cracks, STCH Steam Cracks, JUZU Juju, NPOC North of Pu'u, MLOA Mauna Loa Obse, MLOA Mauna Loa Obse, ALEP Alea Permanent, ALEP Alea Permanent, HMH Humu'ulia Sheep, HMH Humu'ulia Sheep, JOKA Joka, CPH Captain Cook, KHLU Kahalu'u, KHLU Kahalu'u, HUH Hualalai, HPAH Hawaii Prepara.

UCR 22-20:39:53.5;1.5, 12.38N;84.34W, h5km, MW3.9, INET 22-20:39:54.0;3.0, 12.33N;84.32W, h2km, 11km, MW3.1, ISC 22-20:39:52.7;1.7, 12.38N;0.06;84.35W;0.06, h1km, 12km, n59, o084/74, Nicaragua

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Includes stations like ESPN Las Esperanzas, ESPN Las Esperanzas, ACON Acoyapa, ACON Acoyapa, BOAC BOAC BROADBAN, LCHIL Los Chiles, LCHIL Los Chiles, CONN Concepcion, VERA Finca Concepci, VERA Finca Concepci, MATN Matagalpa, MATN Matagalpa, COVE Coope Vega, Sa, CANAL Canalete, CANAL Canalete, VMAR Armenia, Volca, VMAR Armenia, VMAR Armenia, PTEN Parque Tenorio, PTEN Parque Tenorio, BUAI Buenos Aires, BUAI Buenos Aires, HUEN Huen, HUEN Huen, CLARA Aguas Claras, CLARA Aguas Claras, WILN Americas 2, WILN Americas 2, MESS Meas, MESS Meas, VORI Vori, VORI Vori, HORNC Hornillas, HORNC Hornillas, GBA Horinquen Arri, GBA Horinquen Arri, GUAB Guayabo de Bag, GUAB Guayabo de Bag, CUI Cuipilapa, CUI Cuipilapa, TISN Laguna Tiscapa, TISN Laguna Tiscapa, COLC Colonia, COLC Colonia, CEDE Laguna Cedeo, CEDE Laguna Cedeo, TABAC Tabacon, TABAC Tabacon, LAPC Finca la Perla, LAPC Finca la Perla, GBSP Finca Las Img, GBSP Finca Las Img, VACR Volcan Arenal, VACR Volcan Arenal, CASO Castillo, CASO Castillo, SOCE Pocosol, SOCE Pocosol, CPMI Catarata Coope, CPMI Catarata Coope, CARI Cariari, CARI Cariari, RIFO Rio Frio, Sara, RIFO Rio Frio, Sara, JTS Las Junias de, JTS Las Junias de, CRPO Crater poas, CRPO Crater poas, COPN Copalpete, COPN Copalpete, VPMTE Poasito, VPMTE Poasito, CVIMO Finca Echandi, CVIMO Finca Echandi, LCOCE El Cepe, LCOCE El Cepe, IRES Siquires, IRES Siquires, VICA Volcano Irazu, VICA Volcano Irazu, HAYA Volcan Irazu, HAYA Volcan Irazu, ICR3 Volcano Irazu, ICR3 Volcano Irazu, HATIL Hatillo, HATIL Hatillo, BATAN Batan, BATAN Batan, POPE POPE, Guanacas, POPE POPE, Guanacas, JUD3 Juan Diaz 3, JUD3 Juan Diaz 3, OCM Ochomogo, OCM Ochomogo, CMARA Lajas Hojancha, CMARA Lajas Hojancha, LAFE Finca La Fe, P, LAFE Finca La Fe, P, LCR2 La Lucha 2, LCR2 La Lucha 2, NARJA Naranjal, NARJA Naranjal, ABEZ San Pablo, ABEZ San Pablo, MRVA Moravia de Chi, MRVA Moravia de Chi, JACO JACO, Garabito, JACO JACO, Garabito, CDM Centro de Muer, CDM Centro de Muer, SRBA San Rafael, Bu, SRBA San Rafael, Bu.

GRAL 22-20:42:48.3;0.3, 33.42N;35.34E, h13km, 2km, MD2.6, GII 22-20:42:48.5;0.2, 33.41N;35.38E, h4km, Mm1.6/8, ISC 22-20:42:48.2;1.1, 33.47N;0.03;35.36E;0.05, h16km, 8km, n19, o083/32, Jordan-Syria region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Includes stations like LDUT Ludao, LDUT Ludao, LYUB Lan-yu, LYUB Lan-yu, LAY Lan-yu, LAY Lan-yu, EDH Edouard, EDH Edouard, FULB Fuli, FULB Fuli, HGSB Haiduan, HGSB Haiduan, EYUL Yuli, EYUL Yuli, EYUL Yuli, EHD Haiduan, EHD Haiduan, LONT Longtian, LONT Longtian, YULB Yu-li, YULB Yu-li, YULB Yu-li, EHY Hungye, EHY Hungye, EGFH Guangfu, EGFH Guangfu, EGFH Guangfu, ECL Taimai, ECL Taimai, ECL Taimai, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, ESL Shilin, ESL Shilin, ESL Shilin, TAW Tawu, TAW Tawu, TAWH Daw Township, TAWH Daw Township, TAWH Daw Township, EAST Anshuo, EAST Anshuo, EAST Anshuo, TWD Chiawan, TWD Chiawan, VWDT VWDT, VWDT VWDT, ETL Fush Village, ETL Fush Village, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, STYH Taoyuan, STYH Taoyuan, SMST Manzhou Townsh, SMST Manzhou Townsh, SMST Manzhou Townsh, HATJ Hateruma jima, HATJ Hateruma jima, JYNG Yonagunijimaku, JYNG Yonagunijimaku, TWKB Taiwan, TWKB Taiwan, TWKB Taiwan, MASBT Mashbuluo, MASBT Mashbuluo, MASBT Mashbuluo, OWD Renai, OWD Renai, OWD Renai, TWK1 Hengchun, TWK1 Hengchun, TWK1 Hengchun, ETLH Xiulin Townsh, ETLH Xiulin Townsh, ETLH Xiulin Townsh, HEN Hengchun, HEN Hengchun, HEN Hengchun, SCZT Fangliu, SCZT Fangliu, SCZT Fangliu, SSSLB Suanglung, SSSLB Suanglung, SSSLB Suanglung, WUSB Renai, WUSB Renai, WUSB Renai.

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Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Includes stations like QRWL Qaraoun, QRWL Qaraoun, DQRL Deir Qamar, DQRL Deir Qamar, GEM Giv'at Ha'Em, GEM Giv'at Ha'Em, NATI Neve Ativ, NATI Neve Ativ, RCY Rachaya, RCY Rachaya, HNTI Hanita, HNTI Hanita, MMA1 Mount Meron ar, MMA1 Mount Meron ar, MMA0B Mount Meron ar, MMA0B Mount Meron ar, MMA4 Mount Meron ar, MMA4 Mount Meron ar, ZHL Zehle, ZHL Zehle, BLGI Bet Lehem HaGe, BLGI Bet Lehem HaGe, OFRI Ofer, OFRI Ofer, HWQ Hawqa, HWQ Hawqa, MMLI Mount Malkishu, MMLI Mount Malkishu, MMLI Mount Malkishu, HMDT Nahal Hemdat, HMDT Nahal Hemdat, SLTI Salit, SLTI Salit, BEIL Beino, BEIL Beino, SALP Salfit, SALP Salfit.

JMA 22-21:09:29.2;0.3, 23.2'N;2x122.6'E;0.7, h63km, FAR S OFF, SHICAKUJIMA

TAP 22-21:09:29.4;2.2;65N;122.50E, h43km, 1km, ML2.9, D, ISC 22-21:09:25.1;1.3, 22.69N;103.122;59E;0.03, h10km, 10km, n72, o083/130, Taiwan region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Includes stations like LDUT Ludao, LDUT Ludao, LYUB Lan-yu, LYUB Lan-yu, LAY Lan-yu, LAY Lan-yu, EDH Edouard, EDH Edouard, FULB Fuli, FULB Fuli, HGSB Haiduan, HGSB Haiduan, EYUL Yuli, EYUL Yuli, EYUL Yuli, EHD Haiduan, EHD Haiduan, LONT Longtian, LONT Longtian, YULB Yu-li, YULB Yu-li, YULB Yu-li, EHY Hungye, EHY Hungye, EGFH Guangfu, EGFH Guangfu, EGFH Guangfu, ECL Taimai, ECL Taimai, ECL Taimai, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, ESL Shilin, ESL Shilin, ESL Shilin, TAW Tawu, TAW Tawu, TAWH Daw Township, TAWH Daw Township, TAWH Daw Township, EAST Anshuo, EAST Anshuo, EAST Anshuo, TWD Chiawan, TWD Chiawan, VWDT VWDT, VWDT VWDT, ETL Fush Village, ETL Fush Village, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, STYH Taoyuan, STYH Taoyuan, SMST Manzhou Townsh, SMST Manzhou Townsh, SMST Manzhou Townsh, HATJ Hateruma jima, HATJ Hateruma jima, JYNG Yonagunijimaku, JYNG Yonagunijimaku, TWKB Taiwan, TWKB Taiwan, TWKB Taiwan, MASBT Mashbuluo, MASBT Mashbuluo, MASBT Mashbuluo, OWD Renai, OWD Renai, OWD Renai, TWK1 Hengchun, TWK1 Hengchun, TWK1 Hengchun, ETLH Xiulin Townsh, ETLH Xiulin Townsh, ETLH Xiulin Townsh, HEN Hengchun, HEN Hengchun, HEN Hengchun, SCZT Fangliu, SCZT Fangliu, SCZT Fangliu, SSSLB Suanglung, SSSLB Suanglung, SSSLB Suanglung, WUSB Renai, WUSB Renai, WUSB Renai.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other details. Includes stations like WUSB, CHGB, WHYT, etc.

IDC 22 21:20:22.6-2.7, 10.375:161.36E, h70km, 21km, mb3.3/6, mbmp3.8/8, MS3.3/3, Error ellipse: s-maj=30.1km s-min=17.5km az=65.0

ISC 22 21:20:21.5-1.0, 10.45:0.1x161.4E:0.1, h61km, n16, a156/11, mb3.6/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like HNR, DZM, PMG, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other details. Includes stations like SOMM, ILAR, MKAR.

SJA 22 21:29:11.7-1.9, 21.06S:67.28W, h175km, ML3.7, MW3.5, Hypocentre not reviewed by the ISC

IDC 22 21:29:11.2-1.1, 21.07S:67.20W, h176km, 11km, mb3.1/3, mbmp3.7/6, Error ellipse: s-maj=25.3km s-min=12.1km az=110.0

NEIC 22 21:29:12.9-1.6, 21.12S:0.07:67.6W:0.1, h200km, 10km, mb4.0/6, ML3.6(GUC), Error ellipse: s-maj=14.9km s-min=8.3km az=115.0

SCB 22 21:29:12.6-1.2, 21.12S:67.40W, h178km, 9km, ML3.6/4, MW3.7, Error ellipse: s-maj=3.9km s-min=2.9km az=0.0

GUC 22 21:29:12.8-0.8, 21.09S:67.51W, h205km, 11km, ML3.8, ISC 22 21:19:11.9-0.7, 21.06S:0.04:67.36W:0.04, h184km, 7km, n87, a195/107, mb3.7/6, 3C-2D, Chile-Bolivia border

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like MOCB, PB09, etc.

IDC 22 21:39:28.5-5.3, 0, 17.44S:176.66W, h0km, mb4.2/3, mbmp2.4/3, MS3.2/2, Error ellipse: s-maj=994.2km s-min=160.3km az=79.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like AFI, STKA, WRA, etc.

MAN 22 21:39:38.0, 16.40N:121.63E, h14km, mb3.7, ML2.4, MS2.1, 1C-2D, Luzon

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like CAUP, SAMP, PALP, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other details. Includes stations like PB15, SOET, etc.

ISC 22 21:05:06.9-0.1, 41.02N:73.53E, h21km, mb3.2, ISU 22 23:05:07.2, 40.90N:73.62E, h23km, KNET 22 23:05:09.0-0.8, 41.15N:73.60E, h13km, 5km, ml2.7, Error ellipse: s-maj=8.6km s-min=4.4km az=69.0

SOME 22 23:05:09.0-0.1, 41.25N:73.53E, h5km, NNC 22 23:05:12.3-5.9, 40.78N:73.35E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=55.8km s-min=16.0km az=1.0

ISC 22 23:05:07.9-1.2, 41.09N:0.03:73.50E:0.02, h3km, 10km, n90, a195/129, 48C-14D, Kyrgyzstan

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like PLCA, BOAV, TXAR, etc.

MAN 22 21:39:38.0, 16.40N:121.63E, h14km, mb3.7, ML2.4, MS2.1, 1C-2D, Luzon

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like KRNET, AML, etc.

OHH 22 23:05:07.2, 40.90N:73.62E, h23km, KNET 22 23:05:09.0-0.8, 41.15N:73.60E, h13km, 5km, ml2.7, Error ellipse: s-maj=8.6km s-min=4.4km az=69.0

SOME 22 23:05:09.0-0.1, 41.25N:73.53E, h5km, NNC 22 23:05:12.3-5.9, 40.78N:73.35E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=55.8km s-min=16.0km az=1.0

ISC 22 23:05:07.9-1.2, 41.09N:0.03:73.50E:0.02, h3km, 10km, n90, a195/129, 48C-14D, Kyrgyzstan

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like OHH, ANR, ARLS, etc.

1311

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Bademkaya, Demirkent, Lagodekhi, etc.

IDC 23 00:42:34.2, 2.5, 2.88S-151.42E, h0km, mb4.2/2, s-mbtp4.2/3, ML2.5/1, Error ellipse: s-maj=40.3km s-min=27.2km az=52.0, New Ireland region

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

SJA 23 00:54:29.1, 0.8, 31.10S:71.84W, h8km, 3km, ML3.9, MW3.6, Hypocentre not reviewed by the ISC

GUC 23 00:54:33.6, 0.8, 31.13S:71.67W, h35km, 2km, ML4.0, NEIC 23 00:54:35.0, 1.8, 31.10S:0.03:71.62W, 0.05, h36km, 14km, mb4.1/1, ML4.0(GUC), Error ellipse: s-maj=7.1km s-min=2.3km az=50.0

ISC 23 00:54:34.6, 2.1, 31.09S:0.03:71.72W, 0.05, h37km, 2km, n58, c1518/83, 3C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Fray Jorge, Combarbal, Tololo Observa, etc.

2017 MAR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like El Roble, Leoncito, Curacav, etc.

IDC 23 00:59:33.9, 636.0, 49.62N-37.57E, h0km, Error ellipse: s-maj=261.5km s-min=142.6km az=14.0, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DUBNA INFRASON, KYTUBINSK INF, ZALESOVO INFRA29, etc.

IDC 23 01:31:35.6, 622.0, 49.60N-37.56E, h0km, Error ellipse: s-maj=252.3km s-min=138.4km az=13.0, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DUBNA INFRASON, KYTUBINSK INF, ZALESOVO INFRA29, etc.

SNET 23 01:59:00.7, 1.5, 12.16N-87.98W, h21km, ML3.6, INET 23 01:59:01.0, 0.9, 12.15N-87.92W, h8km, 7km, MW3.3, IDC 23 01:59:01.5, 1.6, 13.24N-87.17W, h0km, mb3.6/4, mbtmp3.6/6, ML3.4/2, MSZ.7/1, Error ellipse: s-maj=67.8km s-min=22.8km az=51.0

23d 2h

ISC 23 01:59:00.5, 1.7, 12.29N:0.07:87.90W, 0.04, h17km, 10km, n40, c1542/49, mb3.7/4, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like San Cristobal, Conchagua, La Caada, etc.

23d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Bocatomina Ro, Ro Olivares, El Roble, etc.

ROM 23 02:22:02.4.0.0, 42.751N, 0.002:13.063E, 0.004, h11km, ML1.5/22, 16C-2D, Error ellipse: s-maj=0.3km s-min=0.2km az=74.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Civita (PG), Norcia, Arquat del Tr, etc.

2017 MAR

Table with columns: T, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Roccafluvione, Campotosto, Pizzolo (AQ), etc.

ROM 23 02:22:43.6.0.1, 42.664N, 0.004:13.220E, 0.004, h11km, ML1.1/4, 3C-1D, Error ellipse: s-maj=0.3km s-min=0.3km az=185.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Civita (PG), San Martino, Arquat del Tr, etc.

NNC 23 02:32:22.9.1.4, 37.45N, 56.41E, h0km, mb3.7, Error ellipse: s-maj=16.1km s-min=7.0km az=179.0
IDC 23 02:32:23.5.3.1, 36.96N, 56.82E, h0km, mb3.4/3, mbmp3.6/7, ML3.4/4, Error ellipse: s-maj=48.8km s-min=14.2km az=162.0
TEH 23 02:32:24.1.3, 37.19N, 56.80E, h6km, mb3.36km, ML3.5

1312

ISC 23 02:32:26.2.0.7, 37.25N, 0.004:56.82E, 0.04, h10km, n59, c154/62, mb3.5/3, 2C-4D, Northern and central Iran

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

IDC 23 02:45:26.5.1.1, 31.24N, 141.02E, h0km, mb3.7/6, mbmp3.7/8, ML3.4/2, MS2.7/1, Error ellipse: s-maj=42.8km s-min=16.3km az=75.0

JMA 23 02:45:27.1.0.3, 32.1N, 141.33E, h43km, MV3.9/8, FAR E OFF IZU ISLANDS

ISC 23 02:45:27.3.2.0, 31.6N, 0.1:142.3E, 0.4, h35km, n11, c1500/12, mb3.7/6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Boso I, Chichijima, Ryogami san, etc.

HEL 23 04:03:45.6.0.3, 67.79N, 20.13E, h0km, ML1.0, Explosion, Sweden

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

ARCES ARCESS Array B 40.71 337 P P 06 54 21.8 +1.8
 1.9nm, 0.8s, baz=111, slow=8.8, SNR=3.8
 1.9nm, 0.8s
 YKA Yellowknife Arr 80.56 3 P P 06 58 50.0 -0.3
 0.1nm, 0.6s, baz=543, slow=5.4, SNR=2.2
 0.1nm, 0.5s

WEL 23 07:03:54.0-4.0, 43.5^s3^h17^m3^s, h12km, M2.1/2, mB4.5/1,
 ML2.6/9, MLv2.1/2, Mw(mB)3.7/1, Error ellipse:
 s-maj=0.0km s-min=0.0km az=105.1, confirmed, South
 Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KHZ	Kahutara	0.34	61	Op	Pg	07 04 01.3	0.0
KHZ				S	Pg	07 04 06.3	+0.4
GVZ	Greta Valley S	0.39	191	P	Sb	07 04 03.7	+0.5
GVZ				S	Pg	07 04 10.9	+1.7
LTZ	Lake Taylor	0.67	253	P	Sb	07 04 08.0	+0.1
LTZ				S	Pb	07 04 17.7	+0.6
THZ	Tophouse	0.84	348	P	Pg	07 04 10.1	-0.5
THZ				S	Pg	07 04 20.4	-1.2
BSWZ	Blackbirch Sta	1.03	33	P	Sb	07 04 13.8	-0.4
BSWZ				S	Pg	07 04 29.9	+0.3
MOZ	McQueen's Vall	1.17	197	P	Pb	07 04 15.3	-1.3
MOZ				S	Pb	07 04 30.0	-1.7
MRNZ	Matariki Terra	1.22	347	P	Sb	07 04 16.8	-0.4
MRNZ				S	Pb	07 04 34.3	+0.7
DSZ	Denmiston Nort	1.30	310	P	Pn	07 04 18.4	0.0
TKNZ	Takaka Hill	1.56	355	P	Pn	07 04 22.0	0.0
QRZ	Quartz Range	1.82	345	P	Pn	07 04 26.3	+0.8
BKZ	Black Stump Fm	4.26	38	P	Pn	07 05 00.2	+1.1
RAGZ	Rawiri	5.23	40	P	Pn	07 05 13.3	+0.8
MBZ	Motutapu North	5.97	14	P	Pn	07 05 23.9	+1.5

IDC 23 07:12:09.1-0.8, 24.78N-122.16E, h0km, mb3.6/9,
 mbmp3.6/11, ML3.4/2, MS3.1/7, Error ellipse:
 s-maj=25.7km s-min=17.8km az=86.0
 TAP 23 07:12:11.2, 24.95N-122.39E, h15km, ML3.8/D
 JMA 23 07:12:12.0-0.2, 25.1N-122.4E, h27km, MV3.7/8,
 TAIWAN REGION

ISC 23 07:12:11.6-1.1, 24.88N-0.03-122.38E, 0.02, h15km, 7km,
 n88, c078/99, mb3.5/8, MS3.0/5, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
TWB1	Santiao Chiao	0.38	290	P	Pg	07 12 19.3	0.0
TWB1				eS	Sg	07 12 24.6	0.0
EGS		0.41	266	eP	Pb	07 12 20.3	-0.3
SX11	Grass Mountain	0.51	295	eP	Pb	07 12 22.0	-0.3
SX11				eS	Sb	07 12 28.6	-1.0
TIPB	Shuangxi	0.51	281	eP	Pb	07 12 22.3	-0.1
TIPB				eS	Sb	07 12 29.6	-0.1
TWC	Suao	0.55	241	P	P	07 12 22.7	-0.3
NDS	Dongshan	0.65	248	eP	Pb	07 12 25.1	+0.4
JYNG	Yongunijimaku	0.66	129	P	Pb	07 12 24.8	-0.1
JYNG				S	Pb	07 12 34.2	+0.2
TWE	Neicheng	0.67	257	eP	Pb	07 12 25.3	+0.3
EWUT	Wuta	0.70	232	eP	Pb	07 12 25.8	+0.4
EWUT				eS	Sb	07 12 35.9	+1.0
YOJ	Yonaguni jima	0.70	126	P	Pb	07 12 25.6	0.0
YOJ	Yonaguni jima	0.70	126	P	Pg	07 12 25.1	-0.2
YOJ				eS	Sb	07 12 35.3	+0.2
YOJ	Yonaguni jima	0.70	126	eP	Pb	07 12 25.2	-0.2
YOJ				eS	Sb	07 12 35.0	-0.1
FUSB	Fushanzhiwuyua	0.73	261	eP	Pb	07 12 26.1	0.0
TWA	Mucha	0.73	278	eP	Pb	07 12 26.1	0.0
ENA	Nanau	0.73	233	eP	Pb	07 12 26.1	0.0
ENTT	Nioudou	0.78	253	eP	Pb	07 12 27.1	+0.2
ENTT				eS	Sn	07 12 38.9	-0.6
NHHD	Xindian Distri	0.78	277	eP	Pb	07 12 27.0	+0.1
NHHD				eS	Sb	07 12 37.3	-0.1
YMO1	YMO1	0.78	290	eP	Pb	07 12 26.9	-0.1
NWL1	Wulai	0.81	263	eP	Pb	07 12 27.4	+0.1
NWL1				eS	Sb	07 12 38.2	+0.2
TAP	Taipei	0.81	282	eP	Pb	07 12 38.6	+0.5
TAY	Chenhua	0.81	300	eP	Pb	07 12 27.1	-0.3
TATO	Taipei	0.82	277	P	Pg	07 12 27.6	+0.1
ANP	Anpu	0.84	292	eP	Pn	07 12 28.1	-0.9
ANP				eS	Sb	07 12 39.4	+0.2
LATG	Datong	0.85	247	P	Pn	07 12 28.4	-0.7
NTST	Danshui	0.89	289	eP	Pn	07 12 29.8	+0.2
TWS1	Kuangyinshan	0.90	285	eP	Pn	07 12 29.1	-0.7
YHNB	Yeheng	0.94	258	P	Pn	07 12 29.8	-0.5
YHNB	Yeheng	0.94	258	P	Pg	07 12 29.5	-0.2
NSK	Sanguang	0.95	258	eP	Pn	07 12 30.1	-0.4
ETL	Fush Village	0.99	224	eP	Pb	07 12 30.9	-0.2
NACB	Ninganchiao	1.00	226	P	Pg	07 12 30.7	-0.2
NACB	Ninganchiao	1.00	226	eP	Pb	07 12 30.6	-0.1
NACB				eS	Sg	07 12 44.2	+0.1
NNSB	Datong	1.01	244	eP	Pg	07 12 30.9	-0.3
NNS	Nan Shan	1.01	245	eP	Pn	07 12 31.2	-0.3
ETLH	Xiulin Townshi	1.06	231	P	Pb	07 12 31.5	-0.1
TWD	Chiawan	1.07	222	eP	Pg	07 12 32.4	+0.2
TWD				eS	Sn	07 12 46.8	+0.2
NFF	Wufeng Townshi	1.17	258	eP	Pb	07 12 33.5	-0.2
WHF	Hehuan Shan	1.25	235	eP	Pg	07 12 35.9	+0.2
TWT	Tachien	1.26	241	eP	Pb	07 12 35.9	0.0
LIOB	Emei	1.26	260	eP	Pg	07 12 34.8	-0.4
TDCB	Techi	1.27	241	eP	Pg	07 12 35.7	-0.4
NSTT	Nanjung	1.28	259	eP	Pn	07 12 34.8	-0.2
ESL	Shilin	1.37	220	eP	Pb	07 12 36.5	-0.3
CHGB	Renai	1.37	234	P	Pg	07 12 37.8	-0.1
OWD	Renai	1.43	230	P	Pg	07 12 38.4	+0.3
WHP	Taichung City	1.44	246	eP	Pg	07 12 38.9	-0.4
WUSB	Renai	1.45	233	iP	Pg	07 12 39.1	-0.4
HATJ	Hateruma jima	1.53	122	eP	Pb	07 12 37.2	-1.2
WVDT	WVDT	1.59	226	P	Pn	07 12 40.0	+0.1
JKRS	Kuro-shima	1.61	113	eP	Pb	07 12 40.0	-1.1
HGSD	Ruisui	1.63	213	eP	Pb	07 12 40.1	+0.3

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
EHY	Hungye	1.67	216	eP	Pn	07 12 40.4	0.0
SMLT	Sun Moon Lake	1.67	234	eP	Pg	07 12 43.0	-0.8
JJU	Ishigaki jima	1.68	107	eP	Sb	07 12 40.9	+0.4
JJU				eS	Pb	07 12 02.1	-1.2
TYC	Yuchr	1.69	235	eP	Pb	07 12 42.9	+0.4
SSLB	Suanguang	1.69	231	P	Pb	07 12 42.5	0.0
SSLB				P	Pb	07 12 42.5	0.0
YULB	Yu-i	1.78	214	eP	Pn	07 12 41.7	-0.2
WHYT	Xinyi Township	1.82	230	eP	Pb	07 12 44.8	+0.1
FULB	Fuli	1.94	211	eP	Pb	07 12 45.1	+1.0
ALS	Alishan	1.98	227	eP	Pb	07 12 47.2	-0.3
EHD	Haiduan	2.03	212	eP	Pn	07 12 46.0	+0.7
EDH	Donghe	2.14	208	eP	Pb	07 12 47.7	+1.0
WCKO	Kantu	2.16	229	eP	Pb	07 12 49.9	-0.6
CHN4	Tsashuan	2.22	227	eP	Pb	07 12 51.4	-0.2
TPUB	Ta-pu	2.24	226	eP	Pb	07 12 50.9	-0.9
TPUB	Ta-pu	2.24	226	eP	Pb	07 12 50.9	-0.9
STYH	Taoyun	2.24	221	eP	Pb	07 12 49.9	-2.0
WTP	Ta-pu	2.29	225	eP	Pb	07 12 51.4	-1.2
TWGBT	Beinan	2.37	210	P	Pb	07 12 52.8	-1.2
CHN1	Nanshi	2.39	226	eP	Pb	07 12 53.1	-1.3
VWUC	Yung	2.67	273	eP	Pn	07 12 52.7	-1.3
MASBT	Mashibuluo	2.77	216	eP	Pn	07 12 57.0	+1.6
KSR5	Korea Arr	13.40	19	Pn	Pn	07 15 22.5	+1.2
KSR5		0.3nm, 0.3s, baz=200, slow=1.1, SNR=1.7			LR	07 20 59.1	
MJAR	Matsushiro Arr	17.87	46	P	P	07 16 23.8	+3.4
MJAR		0.1nm, 0.3s, baz=240, slow=1.2, SNR=1.3			LR	07 23 51.2	
USRK	Ussuriysk Ar.	20.81	20	Pn	Pn	07 16 54.5	-0.4
CMAR	Chiang Mai Arr	22.68	258	P	P	07 17 10.9	-1.8
ASAJ	Asahikawa	25.30	36	LR	LR	07 27 15.4	
KLR	Kuldr	25.39	14	LR	LR	07 27 32.0	
SOMN	Songino Array	26.18	335	P	P	07 17 44.9	-0.8
SOMN		0.3nm, 0.7s, baz=152, slow=1.2, SNR=2.4			LR	07 28 16.3	
MKAR	Makanchi Array	38.61	315	P	P	07 19 34.4	+0.1
PETK	Petropavlovsk-	38.69	34	P	P	07 19 37.3	+2.5
ZALV	Zalesovo Beam	40.27	326	P	P	07 19 46.6	-1.3
WRA	Warramunga Arr	46.04	164	P	P	07 20 34.4	-0.5
WRA		1.1nm, 0.9s, baz=346, slow=8.6, SNR=5.8			PcP	07 22 10.1	-1.2
TIXI	Tiksi	46.95	3	LR	LR	07 43 13.7	
ASAR	Alice Springs	49.53	166	P	P	07 21 02.2	+0.2
ASAR		0.4nm, 0.7s, baz=345, slow=1.0, SNR=4.5			PcP	07 22 22.8	-0.9
URZ	Urewera	81.09	139	LR	LR	07 55 19.4	
YKA	Yellowknife Arr	81.91	23	P	P	07 24 29.4	-0.9
YKA		0.2nm, 0.7s, baz=307, slow=5.1, SNR=5.5					

IDC 23 07:23:15.3-6.10, 0.49-92N-37.59E, h0km, Error ellipse:
 s-maj=251.5km s-min=136.0km az=12.0,
 Ukraine-Moldova-Southwestern Russia region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
I43RU	DUBNA INFRASON	6.82	358	I	I	08 02 00.0	
I31KZ	AKTYUBINSK INF	13.12	80	I	I	08 44 36.7	
I46RU	ZALESOVO INFRA28.97	64	I	I	I	10 23 30.0	

IDC 23 07:24:37.0-1.0, 5.26S-104.03E, h0km, mb4.0/10,
 mbmp4.0/10, Error ellipse: s-maj=53.3km s-min=16.5km
 az=49.0
 DJA 23 07:24:55.4-0.8, 5.7^s7^h10^m5^sE, h97km, 8km, M3.5/7,
 MLv3.5/7
 ISC 23 07:24:51.4-0.6, 4.77S-104.92E, 0.08, h100km, n19,
 c194/21, mb3.9/10, Southern Sumatera

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KLI	Kotabumi	0.11	212	Op	Pn	07 25 11.7	+6.3
BLSI	Bandar Lampung	0.68	159	P	Pn	07 25 14.3	+5.6
KASI	Kota Agung	0.86	201	P	Pn	07 25 11.6	+1.3
KASI				S	Sn	07 25 23.8	-0.7
LWLI	Liwa	0.89	254	P	Pn	07 25 13.1	+2.4
LWLI				S	Sn	07 25 25.9	+0.5
SBJI	Serang	1.81	138	P	Pn	07 25 22.4	+0.9
CGJI	Cibinong	1.99	157	P	Pn	07 25 25.8	+2.0
MNAI	Manna	2.00	282	P	P	07 25 26.5	+2.6
WRA	Warramunga Arr	32.37	120	P	P	07 31 12.8	+1.1
WRA		0.7nm, 0.5s, baz=311, slow=9.1, SNR=2.1			PcP	07 33 57.5	+0.1
ASAR	Alice Springs	33.67	127	P	P	07 31 24.1	+1.0
ASAR		1.0nm, 0.4s, baz=301, slow=7.7, SNR=13			PcP	07 33 59.9	-1.0
STKA	Stevens Creek	43.67	133	P	P	07 32 47.1	+0.7
SOMN	Songino Array	52.40	1	P	P	07 33 55.3	+1.8
MKAR	Makanchi Array	55.11	341	P	P	07 34 12.4	-0.8
AKTO	Aktyubinsk	68.16	330	P	P	07 35 38.8	-2.0
PETK	Petropavlovsk-	72.69	30	P	P		

Mu:0.02; Fault plane solution: M:3.99000x1015 NP1:
phi:196.00000; delta:200000; lambda:163.00000...
NP2:
phi:293.00000; delta:575.00000; lambda:29.00000...
Principal axes: T
-418.3600, Plg31.0000, Azm157.0000; N 379.9700,
P 3458.0000, Azm318.0000; P 38.3800, Plg9.0000,
Azm62.0000;

IDC 23 07:51:43.4-0.8, 40.85S; 174.78E, h0km, mb4.2/5,
sbmtp4.4/7, ML4.9/2, MS3.2/4 Error ellipse:
s-maj=24.8km s-min=20.0km az=111.0
NOU 23 07:51:49.9, 41.06S; 174.94E, h76km, MLv4.9/17, Cook
Strait, New Zealand

NEIC 23 07:51:51.40192S; 174.89E, h63km
NEIC 23 07:51:51.2, 3, 40.97S; 0.05; 174.86E; 0.06, h60km, 4km,
mb4.6/10, Mw4.4/36, Error ellipse: s-maj=8.0km
s-min=5.9km az=142.0, Moment Tensor Solution.

Moment tensor: Scale 1015Nm; Mo:0.49; Mw:2.37;
Mo:2.87; Mw:2.07; Mw:3.16; Mo:0.19; Fault plane
solution: M:4.62000x1015 NP1:phi:197.80000; delta:83.87000;
lambda:171.52000. NP2:phi:291.63000; delta:32.38000;
lambda:171.52000. Principal axes: T 4.6538, Plg24.0000, Azm158.0000;
N -0.0649, Plg63.0000, Azm307.0000; P -4.5889,
Plg13.0000, Azm62.0000;

WEL 23 07:51:51.0-0.6, 41.1S; 6.17E; h54km, 9km, M4.8/126,
mb5.6/3, ML5.0/126, 8/126, Mw(MB)5.1/3, Error ellipse:
s-maj=0.0km s-min=0.0km az=149.9, confirmed
ISC 23 07:51:51.0-0.6, 41.02S; 0.03; 174.90E; 0.03, h71km, 4km,
n248, phi176/259, mb4.5/11, Cook Strait

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

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists numerous seismic stations across various regions.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists seismic stations, including some with specific event identifiers like WRA, WRA, WRA, etc.

Table with columns: WHF, Hehuan Shan, 1.24 234 eP, Pn, 07 54 41.8 +0.1, etc. Includes stations like Hehuan Shan, Emei, Liob, Tachien, Nanjuang, Renai, Hatuema jima, etc.

ROM 23 07:58:08.6:0.0, 42.936N:0.002:13.032E:0.004, h11km, ML1.4/11, 5C-5D, Error ellipse: s-maj=0.3km

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like FEMa, Preci, Frazion, etc.

2017 MAR

Table with columns: T1241, AML, AML, 0.33 348, etc. Includes stations like Esanatoglia, AVT-Casa Cast, etc.

ROM 23 07:58:39.7:0.0, 42.858N:0.002:12.943E:0.004, h11km, ML1.1/3, 1D, Error ellipse: s-maj=0.3km

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Preci, Frazion, Cascia, Frazio, etc.

IDC 23 08:09:54.5:609.0, 49.85N:37.59E, h0km, Error ellipse: s-maj=245.9km s-min=137.3km az=13.0, Ukraine-Moldova-Southwestern Russia region

IDC 23 08:20:13.7:0.8, 43.92N:148.56E, h0km, mb3.6/13, mbtmp3.6/17, ML2.9/4, Error ellipse: s-maj=22.8km s-min=1.6km az=155.0

SKHL 23 08:20:14.8:0.2, 43.80N:148.80E, h35km, mb3.0km, mb5.0/6 JMA 23 08:20:15.7:0.8, 44.1N:3.14E, h30km, MV4.2/13, SE OFF ETOROFU

NIED 23 08:20:15.7:44.37N:148.55E, h30km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; M:3.36; Mw:1.54; Mo:4.91; Mw:1.48; Mw:1.15; Mw:0.33; Fault plane solution: M:4.69000x10^14 Np2: phi=217.00000; delta=52.00000; lambda=131.00000

MOS 23 08:20:16.4:1.5, 43.84N:148.61E, h34km, mb4.5/1 Error ellipse: s-maj=11.5km s-min=10.5km az=42.6

ISC 23 08:20:15.0:2.8, 43.85N:0.06:148.60E:0.05, h11km, 17km, n55, c1949/64, mb3.7/13, 1D, East of Kuril Islands

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

23d 8h

Table with columns: KUR, Kuril'sk, 1.48 340, etc. Includes stations like Kuril'sk, Nemuro, Misakicho, etc.

NOU 23 08:21:11.6, 37.26S:179.61E, h0km, MLV3.8/8, Off E. Coast of N. Island, N.Z. WEL 23 08:21:19.9:0.9, 37.2S:179.6E, h12km, M3.2/30, ML3.5/34, MLV3.2/30, Error ellipse: s-maj=0.0km s-min=0.0km az=94.2, confirmed

Table with columns: MXZ, MZ, WMGZ, etc. and rows listing station names, coordinates, and times.

SJA 23 08:33:01.1±0.7, 20.83S;69.07W, h120km, 4km, ML4.1, MW3.9, Hypocentre not reviewed by the ISC

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

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

Main table with columns: Code, Station Name, Δ°, AZ°, Op, Phase, ISC, Time, Res, h, m, s, ISC

23 08:52:50.0±0.608, 0.4934N;37.62E, h0km, Error ellipse: s-maj=249.7km s-min=135.2km az=12.0, Ukraine-Moldova-Southwestern Russia region

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, H11N1 WAKE ISLAND, etc.

JMA 23 08:59:45.9,0.3,44°N,1°144'8E,1.0,h159km,2km, MV2.5/34,NE OFF HOKKAIDO

SKHL 23 08:59:46.1,0.4,44.20N,144.30E,h130km,4km,mb3.8/4, msh4.5/4

ISC 23 08:59:47.5,2.4,44.02N,144.71E,0.05, h150km,1.6km,n17,c076/24,Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JRA Rausu, JRN Nakash, JTKR Abashiri-Toko, etc.

IDC 23 09:11:25.8,618.0,49.67N,37.77E,h0km, Error ellipse: s-maj=256.1km s-min=138.8km az=12.0, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like I43RU DUBNA INFRASON, I131KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA, etc.

JMA 23 09:24:08.3,0.3,39°N,2°13'0E, h629km, MV3.9/65, SEA OF JAPAN

MOS 23 09:24:10.3,0.7,39°19'N,130°29'E, h592km, mb4.1/17, Error ellipse: s-maj=10.0km s-min=6.8km az=119.1

NEIC 23 09:24:11.5,1.5,39°27'N,130°2E,0.1, h573km,7km, mb4.0/62, Error ellipse: s-maj=16.1km s-min=14.5km az=93.0

IDC 23 09:24:11.5,0.6,39.22N,130°15'E, h583km,6km, mb3.2/27, mbmp4.2/32, Error ellipse: s-maj=10.1km s-min=8.0km az=76.0

ISC 23 09:24:11.7,0.4,39°16'N,0°06'130°39'E,0.06, h600km, n205,1157/217,mb3.9/63,13C-4D,Sea of Japan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KSRS Korea Array, KS19 Wonju Array Si, KSAR Wonju Array Be, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JUNU Nakatsue, JMN Monobe, JSD Sado, etc.

ERM Erimo, ERM Erimo, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, etc.

ASAJ Asahikawa, JKA Kamikawa-asahi, JCH Churiki, JTA Tai'an, etc.

JTKR Abashiri-Toko, NEM2 Nemuro 2, ZEA Zeya, BTO Baotou, etc.

SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, etc.

SONM Songoing Array, GOMU GeErMu, GOMU GeErMu, etc.

TIKI Tiksi, TIKI Tiksi, PHRA Phrae, etc.

CHTO Chiang Mai, CHTO Chiang Mai, CHTO Chiang Mai, etc.

ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ZALV Zalesovo Beam, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, etc.

MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, etc.

KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, etc.

KURB Kurchatov, NRIK Noril'sk, NRIK Noril'sk, etc.

NRIK Noril'sk, ANVS Anan'yev, ANVS Anan'yev, etc.

TARG Taragay, TARG Taragay, TARG Taragay, etc.

KDJ Kajisay, KDJ Kajisay, KDJ Kajisay, etc.

BOOM Boomskeye usch, BOOM Boomskeye usch, BOOM Boomskeye usch, etc.

BOOM Boomskeye usch, AAK Ala-Archa, AAK Ala-Archa, etc.

AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

AAK Ala-Archa, FAKI Fak Fak, FAKI Fak Fak, etc.

ARL Aral, BVAR Borovoye Array, BVAR Borovoye Array, etc.

BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BRVK Borovoye, BRVK Borovoye, KK31 Karatay Array, etc.

BRVK Borovoye, ARU Arti, ARU Arti, ARU Arti, etc.

ARU Arti, ARU Arti, ARU Arti, ARU Arti, etc.

IMAR Indian Mountain, K20K Telida, M19K Big River Lodg, etc.

M20K Styx River, M20K Styx River, M20K Styx River, etc.

CAST Castle Rocks, CAST Castle Rocks, CAST Castle Rocks, etc.

PPLA Purkeypile, PPLA Purkeypile, PPLA Purkeypile, etc.

AKTO Aktyubinsk, AKTO Aktyubinsk, AKTO Aktyubinsk, etc.

MLY Manly, KTH Kantshina Hill, KTH Kantshina Hill, etc.

H2AK Yukon River, H2AK Yukon River, H2AK Yukon River, etc.

KDIAK Kodiak Island, KDIAK Kodiak Island, KDIAK Kodiak Island, etc.

MCK McKinley, MCK McKinley, MCK McKinley, etc.

MCK McKinley, MCK McKinley, MCK McKinley, etc.

MTN Manton Dam, MTN Manton Dam, MTN Manton Dam, etc.

ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

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23d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FIA1 FINES, FINES Array S, FINES Array B, etc.

TAP 23 09:44:16.2, 24.96N, 122.39E, h22km, ML3.0, D
JMA 23 09:44:16.9, 0.1, 24.9N, 0.7, 122.4E, 0.4, h16km, 4km,
MVZ:9.5, TAIWAN REGION

ISC 23 09:44:16.3, 1.2, 24.91N, 0.03, 122.39E, 0.03, h18km, 4km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, TWB1 baz=277, EGS baz=247, etc.

2013 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNS Nan Shan, NNS baz=228, ETLH Xiu Townshii, etc.

KOLA 23 10:00:15.9, 64.74N, 30.92E, h0km, ML2.2, Error ellipse:
s-maj=19.5km s-min=14.3km az=170.0, Kostomuksha, Karelia

HEL 23 10:00:15.9, 0.2, 64.79N, 30.70E, h0km, ML2.1, Explosion
IDC 23 10:00:16.0, 2.2, 64.70N, 31.09E, h0km, mbmp3.2/4,
ML2.0/4, Error ellipse: s-maj=29.4km s-min=8.9km

UPP 23 10:00:17.6, 3.0, 64.67N, 30.38E, h0km, ML1.9
ISC 23 10:00:15.5, 1.0, 64.80N, 0.02, 30.74E, 0.05, h0km, n47,
r170.73, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RMF Romuvaara, RMF baz=33nm, 0.2s, KU6 Riekk, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, ARCES comp=Z, 0.4nm, 0.3s, etc.

IDC 23 10:07:14.7, 61.2, 0.49, 69N, 37.84E, h0km, Error ellipse:
s-maj=23.9km s-min=13.5km az=11.0,
Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, etc.

NNC 23 10:11:16.1, 0.8, 51.67N, 75.36E, h0km, mb3.1, mpv2.8,
Error ellipse: s-maj=22.0km s-min=5.2km az=25.0,
Suspected Mining explosion.

IDC 23 10:11:19.7, 1.0, 51.67N, 75.53E, h0km, mbtmp2.4/4,
ML1.6/3, Error ellipse: s-maj=34.3km s-min=9.2km,
az=29.0

ISC 23 10:11:09.0, 1.2, 52.80N, 0.08, 76.18E, 0.05, h0km, n10,
r1914.10, 6C-3D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, KURB Kurchatov Arra, KURBB Kurchatov Arra, etc.

IDC 23 10:19:44.8, 15.0, 7.40S, 155.36E, h172km, 153km,
mb3.2/7, mbmp3.6/7, Error ellipse: s-maj=62.6km,
s-min=38.2km az=132.0

ISC 23 10:19:41.8, 1.2, 7.5S, 0.2, 155.6E, 0.02, h150km, n8,
r0580/8, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, WRA Waramunga Arr, ASAR Alice Springs, etc.

WEL 23 10:22:32.8, 0.4, 42.2S, 177.4E, h8km, 3km, M2.9/11,
ML3.1/12, MLV2.9/11, Error ellipse: s-maj=0.0km,
s-min=0.0km az=112.8, confirmed

NOU 23 10:22:35.9, 42.31S, 173.06E, n98km, MLV3.6/7, South
Island, New Zealand

ISC 23 10:22:32.8, 0.0, 42.34S, 0.03, 173.69E, 0.04, h17km, 7km,
r15287/4, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, CMWZ Cape Campbell, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like AKCZ, INZ, KIWI, etc.

SOME 23 10:46:35.4, 44.43N, 82.78E, h5km
NNC 23 10:46:35.5, 3.1, 44.23N, 83.26E, h0km, mb2.6, mpv2.2,
Error ellipse: s-maj=30.8km s-min=8.8km az=117.0

ISC 23 10:46:29.0, 3.8, 44.22N, 0.1, 83.2E, 0.2, h10km, n6, c1519/9,
5C-1D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DJR, MK31, MAKZ, etc.

IDC 23 10:46:33.1, 1.0, 7.95S, 129.73E, h0km, mb3.9/7,
mbmp3.9/9, ML3.9/2, MS3.3/12, Error ellipse:
s-maj=60.0km s-min=22.4km az=78.0

NEIC 23 10:46:41.6, 2.6, 7.95S, 129.8E, 0.1, h134km, 10km,
mb4.3/7, Error ellipse: s-maj=14.9km s-min=11.2km
az=120.0

ISC 23 10:46:42.0, 6.8, 10S, 0.06, 129.72E, 0.08, h100km, n49,
c246/38, mb3.9/10, Timor Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SAUI, MTN, FAUK, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DZM, CMAR, RPZ, etc.

IDC 23 10:48:46.2, 61.3, 0, 49.71N, -37.75E, h0km, Error ellipse:
s-maj=252.0km s-min=138.2km az=12.0,
Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like I43RU, I31KZ, I46RU, etc.

IDC 23 11:13:37.3, 8.4, 19.83S, -179.71W, h620km, 34km,
mb2.8/3, mbmp3.6/4, Error ellipse: s-maj=254.3km
s-min=32.2km az=143.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MSVF, WRA, ASAR, etc.

ISC 23 11:14:46.3, 39.57N, 25.97E, h5km, ML2.8/25
DDA 23 11:14:47.0, 4.0, 39.54N, 26.02E, h8km, 1km, ML2.8
ATH 23 11:14:47.9, 39.53N, 26.00E, h12km, 1km, ML2.7/8, Error
ellipse: s-maj=1.7km s-min=0.8km az=239.0

THE 23 11:14:47.4, 4.7, 39.55N, 26.02E, h0km, 1km, ML2.6/6, Error
ellipse: s-maj=1.4km s-min=0.4km az=74.0

ISC 23 11:14:47.3, 0.8, 39.54N, 0.01, 26.01E, 0.02, h12km, 6km,
n65, c057/96, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KOCA, GPNR, BOZC, etc.

SIGR 2j, 0.5s 0.34 201 P Pg 11 14 54.4 +0.1
SIGR SIGRI 0.34 201 P S Pg 11 14 54.4 +0.1

SIGR comp=N,4594um,0.4s AML AML 11 15 00.1

PRK 2j, 0.5s 0.35 145 P Pg 11 14 54.7 +0.4
PRK PRK 0.35 145 P S Pg 11 15 00.1 +1.0

PRK comp=N,4595um,0.2s AML AML 11 15 00.6

PRK comp=E,5212j, 0.6s AML AML 11 15 01.2

EZN Ezine 0.38 40 P S Pg 11 14 54.6 -0.3
EZN EZN 0.38 40 P S Pg 11 15 00.4 +0.5

EZN comp=E,712nm,0.1s AML AML 11 14 54.8 -0.1

BAVC BAYC 0.38 40 P Pg Pg 11 14 56.3 -0.1
BAVC BAYC 0.38 40 P Pg Pg 11 15 02.0

BAVC comp=E,1um,0.4s AML AML 11 15 02.6 0.0

BAVC comp=E,458nm,0.3s AML AML 11 15 03.0

ECEA Canakkale, Ece 0.52 14 P P Pg 11 14 57.2 -0.4
ECEA ECEA 0.52 14 P S Pg 11 15 05.3 +0.7

ECEA comp=E,391nm,0.3s AML AML 11 15 15.0

GOKA anakkale-Gk 0.66 353 P Pg Pg 11 14 59.7 -0.4
GADA Givgekale 0.66 352 P Pg Pg 11 14 59.6 -0.6

GOMU Canakkale 0.67 32 P Pg Pg 11 15 02.2 0.0

COMU COMU 0.67 32 P Pg Pg 11 15 02.2 0.0

LIA Limnos Island 0.74 300 P S Pg 11 15 01.6 0.0
LIA LIA 0.74 300 P S Pg 11 15 13.1 +0.9

LIA comp=E,770nm,0.5s AML AML 11 15 01.6 0.0

LIA comp=E,1um,0.4s AML AML 11 15 12.4 +0.2

LIA comp=E,168um,0.6s AML AML 11 15 15.0

LIA comp=N,1400um,0.5s AML AML 11 15 16.1

BUHA Balikesir, Bur 0.82 92 P Pg Pg 11 15 03.1 -0.2
BUHA BUHA 0.82 92 P S Pg 11 15 18.0

BUHA comp=N,305nm,0.3s AML AML 11 15 18.0

BUHA comp=N,173nm,0.5s AML AML 11 15 18.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CHOS, ERIK, ENEZ, etc.

ALN Alexandroupoli 1.36 1 P Pn Pg 11 15 12.6 -0.2
ALN ALN 1.36 1 P Pn Pg 11 15 12.3 +0.1

ALN comp=N,211um,0.4s AML AML 11 15 32.4

ALN comp=N,218um,0.3s AML AML 11 15 33.0

KNL Balikesir 1.38 57 P Pg Pg 11 15 32.1 +0.2
KNL KNL 1.38 57 P S Pg 11 15 32.1 +0.5

KNL comp=E,447nm,0.8s AML AML 11 15 34.0

KNL comp=E,551nm,0.5s AML AML 11 15 34.0

GONE Gonen-Balikesir 1.39 68 Pn Pg 11 15 14.2 +0.2
KESN Edirne-Kesan 1.39 21 Pn Pg 11 15 13.1 +0.2

KESN KESN 1.65 347 Pn Pg 11 15 18.4 +0.5

RKY Sarkoy-Tekirda 1.46 37 Pn Pg 11 15 14.3 -0.2

THAS Thassos island 1.46 318 P Pn Pg 11 15 13.3 -0.3
THAS THAS 1.46 318 P S Pn 11 15 13.2 -1.4

THAS comp=N,220um,0.5s AML AML 11 15 32.0

BKES Balikesir-1Mr 1.49 82 P Pg Pg 11 15 36.0 0.0
BKES BKES 1.49 82 P S Pg 11 15 38.0

DGB zmir 1.63 155 P AML AML 11 15 14.9 -0.9
DGB DGB 1.63 155 P AML AML 11 15 43.0

DGB comp=E,72nm,0.3s AML AML 11 15 43.0

EDC Edincik 1.64 60 Pn Pg 11 15 17.6 +0.1
ROD Rodhopi 1.65 347 Pn Pg 11 15 16.8 +0.5

RDO Rodhopi 1.65 347 Pn Pg 11 15 16.4 +0.2

UKOP Uzunkopru-Edir 1.66 16 Pn Pg 11 15 17.4 -0.5

KYMI Kymi, Euboea I 1.74 239 Pn Pg 11 15 16.6 -0.8

KYMI KYMI 1.75 298 Pn Pg 11 15 13.8 -1.3

OUR Ouranopolis 1.75 298 Pn Pg 11 15 18.5 +0.9

KAV Kava 1.86 322 Pn Pg 11 15 19.1 +0.5

DURS Dursunbey 1.90 87 P Pn 11 15 20.1 +0.4
DURS DURS 1.90 87 P S Pn 11 15 42.5 -1.2

DURS comp=E,63nm,0.8s AML AML 11 15 50.0

DURS comp=E,59nm,0.3s AML AML 11 15 50.0

SMG Samos 1.93 160 Pn Pg 11 15 19.9 -0.2
KST Karacabey (Bur 1.94 67 Pn Pg 11 15 22.0 -0.7

DXT Dursunbey 2.02 87 Pn Pg 11 15 23.7 -0.3

PEL Pelicani? 2.07 152 Pn Pg 11 15 24.5 -0.6

BOTS Marmara Eregli 2.09 45 Pn Pg 11 15 24.0 -1.2

DEMI Demirci 2.15 102 P Pg 11 15 28.0 -0.6

KULA Kula-Manisa 2.30 115 Pn Pg 11 15 28.1 -0.7

KIRK Kirklareli 2.39 20 P Pn Pg 11 15 28.1 +1.7

KIRK comp=E,63nm,0.8s AML AML 11 15 50.0

JMA 23 11:15:08.4, 0.2, 39.4N, 0.7, 144.6E, 1.0, h44km, MV3.5/33,
FAR E OFF NORTH HONSHU

IDC 23 11:15:11.8, 4.6, 38.36N, 144.53E, h54km, 42km, mb3.2/4,
mbmp3.5/7, ML2.9/3, MS2.3/1, Error ellipse: s-maj=41.9km
s-min=19.4km az=116.0

ISC 23 11:15:07.9, 1.2, 38.40N, 0.06, 144.68E, 0.08, h29km, n29,
c181/43, mb3.5/4, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like OFUJ, MIYJ, JIKH, etc.

OFUJ Ofunato 2.45 287 P S Pn 11 16 13.9 -0.9
OFUJ OFUJ 2.45 287 P S Pn 11 16 17.4 +0.5

MIYJ Miyakonagasawa 2.52 299 P S Pn 11 16 16.1 -0.5

1329

Table with columns: ZUGS, MABI, ARSA, BRMO, BRMO, RABC, VOB, VOB, PTJ, RETA, RETA, NVLJ, OBER, DAVOX, DAVOX, VIRC, VIRC, CONA, CONA, DAVA, DAVA, DAVA, DAVA, GSCI, DUGI, KHC, KHC, CRE, CING, PP3, EL6, EUCT, EUCT, EUCT, EUCT, ZIRJ, ASSB, SARZ, SARZ, T1214, T1214, T1218, T1218, T1218, T1218, SMA1, SMA1, TERO, TERO, TERO, TERO, TERO, TERO, GOPC, PRU, PRU, CAMP, CAMP, T1211, RM33, RM33, RM33, T1247, T1247, T1247, GIGS, GIGS, T1222, T1222, VCEL, VCEL, VCEL, VCEL, AQU, RIC, FAGN, FAGN, T0110, LSTV, CDF, CDF, HINF, HINF, BRG, BRG, MBDF, HAU, HAU

2017 MAR

Table with columns: CLL, SACR, SNAL, IST3, NEIC, IDC, ISC, Code, HNR, HNR, KOUNC, DZM, DZM, DZM, CT, CT, RTZ, RTZ, STKA, STKA, STKA, INZ, INZ, WBO, WBO, WBO, WBO, WRA, WRA, WRA, ASAR, ASAR, MTN, MTN, BBOO, KNRA, FORT, PSA00, MBWA, MLOA, NWA0, JMU, JNU, YULB, JKA, ASAJ, KRSR, PEAOB, PEAOB, PETK, CN2, CN2, NIKH, CMAR, P18K, O18K, O18K, ILSW, ILSW, SVW2, SVW2, BRLK, BRLK, QSPA, M19K, L19K, L19K, SONM, M20K, PMR, PMR, KNK

23d 13h

Table with columns: SCM, TRF, RDOG, N25K, MCK, VRDI, I21K, I21K, IMAR, MLY, WRH, CCB, M26K, M26K, MDM, HDA, RIDG, RIDG, IL31, ILAR, M27K, M27K, DOT, DOT, SCRK, SCRK, L27K, BCAR, HYT, I26K, EGAK, EGAK, DAWY, DAWY, DNP, MNA, BMAR, A36M, A36M, ZALV, MK31, MK31, MKAR, MKAR, MKAR, YKA, ARCES, FINES, ESCD, JMA, HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, JKRS, JUI, JUI, JISG, TAP, E04, E04, E03, E03, E02, EWUT, EWUT, ENA, ENA, ETL, TWC, TWC, TWD, TWD, LATG, TWE, ENT, ENT, NNSH, NNSH, NNS, FUSB, FUSB, NWL, TIPB, TIPB, YHNB, YHNB, NSK

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like TWSI Taliwang, PPSI Pulau Pagai, TPRI Tanjung Pinang, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like INKA Innaminka, MTSU Mount Surprise, HTT Hallett, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like GEYT Alibeck, GYA0B ALIBECK ARRAY, RPZ Rata Peaks, etc.

NOU 23 14:39:36.7, 10°16'S-162°77'E, h0km, mb4.8/12, Solomon Islands
IDC 23 14:39:44.1, 3.3, 11°02'S-162°47'E, h89km, 23km, mb3.5/3,
mbmp4.0, Error ellipse: s-maj=48.6km s-min=20.8km
az=52.0
ISC 23 14:39:40.4, 1.5, 10.9S, 0.2E-162.7E, 0.2, h46km, n20,
c274/16, mb3.5/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Honiara, Davao City, and various island stations.

MAN 23 14:45:39.0, 10:11N, 125:15E, h17km, mb3.9, ML2.7, MS2.3, 2C-3D, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Maasin, Talibon, Bohol, and Dipolog City.

ISC 23 14:45:53.5, 1.6, 11:38S, 162:47E, h0km, mb3.74, mbmp3.75, ML3.3/1, MS3.3/5, Error ellipse: s-maj=36.0km s-min=31.2km az=99.0

ISC 23 14:45:58.8, 1.2, 11:55S, 0:1x162:6E, 0.2, h39km, n16, 1567/8, mb3.5/4, MS3.3/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Honiara, Davao City, and various island stations.

MAN 23 14:51:55.5, 10:45N, 123:72E, h22km, mb3.8, ML2.5, MS2.0, 5C-2D, Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Lapu-Lapu, Talibon, Bohol, and Dipolog City.

MAN 23 14:52:06.1, 6:50N, 126:62E, h39km, mb4.6, ML3.5, MS3.4, IDC 23 14:52:08.4, 4.1, 5:94N, 125:30E, h73km, 45km, mb3.1/5, mbmp3.4/5, Error ellipse: s-maj=95.6km s-min=18.2km az=70.0

ISC 23 14:52:04.1, 8.6, 42N, 0:07x126:78E, 0:10, h52km, 16km, n20, 1983/33, mb3.5/5, 8C-5D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mati, Davao City, and various island stations.

Table with columns: SCPH, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Surigao, Garcia Hernand, and various island stations.

IDC 23 15:13:46.8, 1.7, 6:13S, 154:26E, h0km, mb3.6/5, mbmp3.67, ML2.5/2, MS3.2/1, Error ellipse: s-maj=47.6km s-min=26.0km az=119.0

ISC 23 15:13:54.3, 1.7, 6:01S, 0:10x154:0E, 0:1, h48km, n9, 0956/10, mb3.5/5, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Keravat, Moresby, and various island stations.

DSN 23 15:22:53.9, 1.9, 27:40N, 166:09E, h10km, ML3.1/9, Error ellipse: s-maj=29.9km s-min=14.9km az=86.0

OMAN 23 15:29:56.0, 6.0, 5:26, 93N, 55:43E, h3km, 4km, mb5.3/1, ml2.9/21, Error ellipse: s-maj=7.3km s-min=3.6km az=45.0

TEH 23 15:25:59.4, 26:79N, 55:38E, h12km, 28km, ML3.5, ISC 23 15:23:02.2, 1.5, 2:25N, 0:03x55:43E, 0:04, h11km, 12km, n67, 1520/82, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Geno, Shm, and various island stations.

Table with columns: SRVN, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Saravan, MHTO, and various island stations.

SJA 23 15:23:42.6, 0.8, 20:21S, 70:39W, h62km, 6km, ML3.6, MW3.7, Hypocentre not reviewed by the ISC

GUC 23 15:23:45.4, 0.8, 20:18S, 70:31W, h48km, 2km, ML3.4, IDC 23 15:23:49.5, 2.6, 20:34S, 69:48W, h0km, mbmp3.4/3, ML3.1/3, MS2.9/2, Error ellipse: s-maj=66.5km s-min=24.0km az=95.0

ISC 23 15:23:47.5, 1.1, 20:27S, 0:03x70:20W, 0:07, h35km, 4km, n32, 4217/33, 3C-6D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Huaiquique, Diego Aracena, and various island stations.

IDC 23 15:32:41.2, 0.0, 88N, 125.91E, h0km, mb3.4/3,
mbtmp3.4/3, MS2.4/1, Error ellipse: s-maj=172.3km
s-min=26.6km az=65.0, Northern Molucca Sea
 Code Station Name Δ° AZ $^\circ$ Phase ID Time Res
 h m s ISC
KAPI Kappang 8.49 226 LR
 comp=Z,2.2nm,18.8s,baz=202,slow=6.5
WRA Warramunga Arr 22.29 159 P
 1.3nm,0.8s,baz=337,slow=11,SNR=8.5
ASAR Alice Springs 25.61 163 P
 0.2nm,0.4s,baz=345,slow=11,SNR=16
MKAR Makanchi Array 59.44 327 P
 0.3nm,0.6s,baz=121,slow=7.9,SNR=4.0
 0.3nm,0.6s

IDC 23 15:49:17.5, 1.9, 6.95S, 128.65E, h0km, mb3.7/1,
mbtmp3.6/3, ML3.8/2, Error ellipse: s-maj=185.4km
s-min=29.4km az=67.0,
NEIC 23 15:49:34.0, 2.5, 7.34S, 0.10:128.73E:0.07, h155km, 5km,
mb4.3/6, Error ellipse: s-maj=14.5km s-min=8.8km
az=168.0

ISC 23 15:49:32.3, 0.7, 7.43S, 0.06:128.74E:0.06, h150km, n29,
az=54/34, mb4.3/4, Banda Sea
 Code Station Name Δ° AZ $^\circ$ Phase ID Time Res
 h m s ISC
SAUI Saumlaki 2.59 102 Op
SAUI Saumlaki 2.59 102 Pn
SOEI Soe 4.99 242 S
SOEI Soe 4.99 242 Sn
FAKI Fak Fak 5.68 38 Pn
FAKI Fak Fak 5.68 38 Pn
MTN Manton Dam 8.57 157 Sn
MTN Manton Dam 8.57 157 Pn
KDU Kakadu 6.38 145 Pn
MMRI Maumere 6.55 229 Pn
KNRA Kunurra 8.20 180 Pn
KNRA Kunurra 8.20 180 Pn
PLAI Plampung 10.95 262 Pn
FITZ Fitzroy Crossi 11.03 196 Pn
FITZ Fitzroy Crossi 11.03 196 Pn
WRAP Warramunga Arr 13.57 157 Pn
WRAP Warramunga Arr 13.57 157 Pn
WRA Warramunga Arr 13.57 157 Pn
 0.7nm,0.3s,baz=331,slow=14,SNR=5.7
WRA Warramunga Arr 13.57 157 Sn
 0.5nm,0.3s
WRA Warramunga Arr 13.57 157 Pn
COEN Coen 15.59 116 Pn
 comp=Z,8.4nm,1.1s
MBWA Marble Bar 16.19 212 P
PSA00 Pilbara Seismi 16.48 211 P
PSA00 Pilbara Seismi 16.48 211 P
AS31 Alice Springs 16.89 164 P
ASAR Alice Springs 16.89 164 P
 comp=Z,0.1nm,0.3s,baz=345,slow=13,SNR=13
ASAR Alice Springs 16.89 164 P
 comp=Z,1.2nm,0.5s,baz=314,slow=16,SNR=6.5
ASAR Alice Springs 16.89 164 P
MORW Morawa 24.63 208 Pn
MORW Morawa 24.63 208 Pn
MKAR Makanchi Array 67.91 327 P
 comp=Z,1.5nm,0.4s,baz=112,slow=7.7,SNR=14
ZALV Zalesovo Beam 71.42 334 P
 comp=Z,0.3nm,0.4s,baz=152,slow=6.5,SNR=2.8
KURK Kurchatov 72.24 329 Pn
KURK Kurchatov 72.24 329 Pn
 comp=Z,5.5nm,1.4s

KRSC 23 16:16:17.6, 0.9, 56.55N, 161.41E, h95km, 8km, MI3.7,
Near east coast of Kamchatka Peninsula
 Code Station Name Δ° AZ $^\circ$ Phase ID Time Res
 h m s ISC
SMKR Semkarok 0.04 58 eP
SRKR Sorokina 1.61 305 eP
KLY Kluychi 0.49 240 eS
KLY Kluychi 0.49 240 eS
CIRR Tsrirk 0.58 220 eS
CIRR Tsrirk 0.58 220 eS
LGNR Loginova 0.62 220 eS
KBG Krutoberegovo 0.78 112 eP
BZWR Bezymyanniy-We 0.79 221 eP
BZWR Bezymyanniy-We 0.79 221 eP
BZMR Bezymyannaya 0.85 225 eP
BZP Bezymyanniy-Pe 0.81 217 eP
BZP Bezymyanniy-Pe 0.81 217 eP
KIRR Kirishev 0.85 225 eS
KIRR Kirishev 0.85 225 eS
KBTR Krutoberegovo 0.86 114 eP
KBTR Krutoberegovo 0.86 114 eP
KPT Kopyto 0.89 228 eP
SRDR Sredninyy 0.97 256 eP
SRDR Sredninyy 0.97 256 eP
KMNR Kamenistaya 1.04 220 eP
TUMR Tumrok 1.46 210 eP
TUMD Tumrok D 1.48 203 eP
TUMD Tumrok D 1.48 203 eP
ESO Eso 1.62 248 eP
TIGL Tigil 1.94 310 eP
PALN Palana 2.65 344 eP
OSSR Ossora 2.84 17 eP
BKI Bering 2.91 116 eS
BKI Bering 2.91 116 eS
Ganally 3.49 216 eP
SPN Mys Shipunskiy 3.56 194 eP
KRX Arsk 3.58 207 eP
NLC Nalytchevo 3.60 200 eP
SMAR Somma 3.63 206 eP
AVH Avacha 3.64 206 eP
KOK Koryaka 3.65 207 eP
UGLR Uglovaya 3.67 205 eP
DALK Dalny 3.86 205 eP
PET Petropavlovsk 3.89 205 eP
KMRM Karymshinskyy 4.19 208 eP
GRV Gorelyy 4.46 207 eP
MTVR Mutnovka 4.50 206 eP
KDTR Khodutka, Kamc 5.15 204 eP

IDC 23 16:19:09.7, 0.8, 36.02N, 142.45E, h0km, mb3.8/17,
s-maj=17.7km s-min=17.3km az=54.0,
JMA 23 16:19:11.5, 0.2, 36.2N, 0.4:14.3E, h59km, MV3.5/28,
FAIR E OFF KANTO
NIED 23 16:19:11.5, 36.19N, 142.55E, h59km, M4.0, Moment
Tensor Solution, s3 Moment tensor: Scale 1015Nm;
M=0.98, M_{xx}=-0.22, M_{yy}=0.76, M_{zz}=0.09, M_{xy}=0.45, M_{xz}=0.31;
Fault plane solution: M₁:1.05000x10¹⁵ NP1:25.00000°;
350.00000°; s5:0.00000°; NP2:214.00000°; s36.00000°;
1.97.00000°.
NEIC 23 16:19:16.2, 1.4, 36.37N, 0.06:142.2E:0.1, h32km, 5km,
mb4.6/24 Error ellipse: s-maj=12.8km s-min=8.4km
az=95.0

ISC 23 16:19:14.7, 1.1, 36.28N, 0.05:142.39E:0.06, h28km, 7km,
n103, s1930/105, mb4.3/33, MS3.2/4, Off east coast of
Honshu
 Code Station Name Δ° AZ $^\circ$ Phase ID Time Res
 h m s ISC
CHOJ Choshi 1.37 246 Pn
CHOJ Choshi 1.37 246 eS
JHYU Hitachinakyam 1.46 273 Pn
JHYU Hitachinakyam 1.46 273 S
JHO Hitachi 1.51 283 Pn

JHO Iwakimizuishiy 1.52 303 S
ONAJ Iwakimizuishiy 1.52 303 P
JFK Kawachi 1.63 312 P
JFK Kawachi 1.63 312 eS
BSO1 Boso 1.99 216 P
JMM Marumori 2.04 322 Sn
JMM Marumori 2.04 322 Pn
JOTO OTAMA OYAMA 2.09 309 eP
JOTO OTAMA OYAMA 2.09 309 Pn
JAG Ashikaga 2.38 274 Pn
JAG Ashikaga 2.38 274 Pn
JMK Ashinoseki 2.83 341 eS
JMK Ashinoseki 2.83 341 eS
JRY Ryogami san 2.83 266 Pn
JOD2 Odawara 2.87 250 Pn
JYK Kaneyama 3.09 329 Pn
JYN Shimoda 3.22 257 Pn
JOM Ohshima 3.31 345 eP
JOM Ohshima 3.31 345 eS
MJAR Matsushiro Arr 3.38 276 Pn
 0.9nm,0.3s,baz=105,slow=7.8,SNR=45
MJAR Matsushiro Arr 3.38 276 Sn
 0.5nm,0.3s,baz=297,slow=11,SNR=5.4
MJAR Matsushiro Arr 3.38 276 LR
 comp=Z,2.04nm,19.5s,baz=126,slow=45
 12nm,0.6s
MAJO Matsushiro 3.38 276 Pn
MAJO Matsushiro 3.38 276 Pn
MAT Matsushiro 3.38 276 Pn
MJB9 Matsu-Tunnel 3.39 276 Pn
JSD Sado 3.74 299 Pn
JSD Sado 3.74 299 Pn
HJ2 Mitsune 3.80 215 Pn
HJ2 Mitsune 3.80 215 Pn
GHJ Kuroka 4.14 262 Pn
JGF Kuroka 4.14 262 Pn
INU Inuyama 4.46 260 Pn
INU Inuyama 4.46 260 Pn
JTM Tenmabayashi 4.62 347 Pn
ERM Erimo 5.76 6 Pn
JEM Erimo 5.76 6 Pn
JMN Monobe 7.43 252 Pn
JHS Saijyo 7.66 263 Pn
INU Korea Array 7.66 263 Pn
ASAK Asahikawa 7.83 1 Pn
 1.1nm,0.3s,baz=213,slow=6.1,SNR=16
ASAJ Asahikawa 7.83 1 Sn
ASAJ Asahikawa-asahi 7.83 1 Pn
JCK Chichikawa 9.15 181 Pn
JCK Chichikawa 9.15 181 Pn
3.1nm,0.3s,baz=275,slow=19,SNR=1.3
JCJ Korea Array 4.46 260 Pn
 2.5nm,0.3s,baz=120,slow=21,SNR=1.5
USRK Ussuriysk Arr 11.21 318 Pn
 0.4nm,0.3s,baz=127,slow=14,SNR=14
USRK Ussuriysk Arr 11.21 318 LR
 comp=Z,1.12nm,18.1s,baz=159,slow=36
 3.3nm,0.6s
USRK Ussuriysk Arr 11.21 318 Pn
US0A Ussuriysk Arr 11.21 318 Pn
KSRS Korea Array 11.21 318 Pn
 0.1nm,0.3s,baz=91,slow=13,SNR=6.2
KSRS Korea Array 11.21 318 LR
 comp=Z,2.25nm,21.1s,baz=85,slow=36
 2.3nm,0.7s
KLR Kuldur 15.10 332 Pn
 0.2nm,0.3s,baz=146,slow=8.0,SNR=7.5
KLR Kuldur 15.10 332 LR
 comp=Z,67nm,18.3s,baz=138,slow=37
 1.6nm,0.6s
HEH Heihe 17.68 327 P
HEH Heihe 17.68 327 pmax
comp=Z,5.0nm,2.5s
HEH Heihe 17.68 327 pmax
comp=Z,14.0nm,6.1s
BTO Batout 25.64 290 eP
BTO Batout 25.64 290 pmax
comp=Z,3.7nm,1.4s
BTO Batout 25.64 290 pmax
comp=Z,310nm,1.0s
YAK Yakutsk 26.98 347 LR
YAK Yakutsk 26.98 347 LR
comp=Z,5.1nm,18.6s,baz=91,slow=36
YAK Yakutsk 26.98 347 Iamb
comp=Z,1.1nm,0.8s
H11N2 WAKE ISLAND Hy 27.09 121 T
comp=Z,312,slow=74,SNR=21
H11N1 WAKE ISLAND Hy 27.09 121 T
comp=Z,312,slow=74,SNR=22
H11N3 WAKE ISLAND Hy 27.10 121 T
comp=Z,312,slow=74,SNR=23
XAN X'an 27.38 275 P
XAN X'an 27.38 275 pP
XAN X'an 27.38 275 pmax
SEY Seymchan 27.39 10 P
comp=Z,0.9nm,0.6s,baz=189,slow=21,SNR=1.6
comp=Z,0.9nm,0.8s
H1S1 WAKE ISLAND Hy 27.79 123 T
comp=Z,314,slow=76,SNR=24
H1S5 WAKE ISLAND Hy 27.79 123 T
comp=Z,314,slow=76,SNR=25
H1S2 WAKE ISLAND Hy 27.80 123 T
comp=Z,314,slow=76,SNR=14
ENH Enshi 28.07 267 P
ENH Enshi 28.07 267 Iamb
comp=Z,9.0nm,0.8s
ULN Ulanbatar 28.43 305 P
SONM Songino Array 28.86 305 P
comp=Z,3.4nm,0.7s,baz=107,slow=9.0,SNR=16
GTA Gaotai 33.54 288 eP
GTA Gaotai 33.54 288 pP
GTA Gaotai 33.54 288 sP
comp=Z,4.0nm,1.0s
GOMU GeErMu 38.06 284 P
GOMU GeErMu 38.06 284 pP
GOMU GeErMu 38.06 284 sP
comp=Z,2.0nm,0.7s
GOMU GeErMu 38.06 284 pmax
comp=Z,5.3nm,5.5s
TNCH TengChong 39.07 266 P
comp=Z,2.0nm,0.4s
CRAI Chiangrai 39.98 258 P
CMAR Chiang Mai Arr 49.28 257 P
comp=Z,0.5nm,0.3s,baz=54,slow=9.1,SNR=5.2
CMAR Chiang Mai Arr 49.28 257 LR
comp=Z,1.2nm,18.6s,baz=160,slow=40
ZAAO Zalesovo Array 43.01 313 P
ZALV Zalesovo Beam 43.01 313 P
comp=Z,1.8nm,0.6s,baz=91,slow=7.5,SNR=8.5
ZALV Zalesovo Beam 43.01 313 P
MK31 Makanchi Array 45.19 303 P
MK31 Makanchi Array 45.19 303 P
comp=Z,3.8nm,0.8s
MKAR Makanchi Array 45.19 303 P
comp=Z,2.8nm,0.7s,baz=88,slow=10,SNR=21
MAKZ Makanchi 45.40 303 P
MAKZ Makanchi 45.40 303 Iamb
PMG Port Moresby 45.66 173 P
PMG Port Moresby 45.66 173 Iamb
KURK Kurchatov 47.02 309 P
H23K Yukon River 48.62 31 P
TARG Taragay, Kyrgy 49.44 297 P
TARG Taragay, Kyrgy 49.44 297 Iamb
ILAR Eielson Array 49.72 32 P
comp=Z,0.5nm,0.9s,baz=258,slow=5.8,SNR=4.4
comp=Z,0.5nm,0.9s
KDJ Kajisy 49.78 298 P
KDJ Kajisy 49.78 298 Iamb
AAK Ala-Archa 51.54 299 P
BAV Barovoye Array 51.66 313 LR
comp=Z,2.7nm,18.7s,baz=86,slow=36

16 19 58.9 +0.3
16 19 39.1 -1.0
16 19 40.4 -1.2
16 20 01.9 +0.2
16 19 43.9 -2.1
16 19 46.0 -1.1
16 20 06.9 -4.8
16 19 46.1 -1.1
16 19 47.0 -1.1
16 20 14.3 +1.3
16 19 50.6 -1.2
16 19 50.6 -1.2
16 20 30.6 -0.6
16 19 56.9 -1.3
16 19 57.4 -1.2
16 20 01.0 -0.7
16 20 02.8 -0.7
16 20 03.7 -0.9
16 20 43.1 0.0
16 20 05.1 -0.6
16 20 47.6 +2.7
16 21 46.2
16 20 05.2 -0.6
16 20 06.2 +0.5
16 20 06.0 +0.3
16 20 06.1 +0.3
16 20 08.2 -2.3
16 20 10.7 +0.7
16 20 10.3 -1.2
16 20 10.9 -0.5
16 20 14.9 -1.2
16 20 16.7 +0.6
16 20 20.1 -0.4
16 20 20.9 +0.4
16 20 22.7 0.0
16 20 35.4 -3.0
16 20 35.4 -3.0
16 21 01.4 0.0
16 21 04.9 +0.1
16 21 05.8 -1.2
16 21 05.8 -1.0
16 22 34.3 -0.2
16 21 06.1 -0.7
16 21 18.1 -6.9
16 22 52.9 -1.4
16 21 53.4 +0.4
16 26 01.6
16 21 53.2 +0.1
16 21 53.4 +0.3
16 21 58.8 -0.3
16 26 17.9
16 22 48.2 -2.8
16 28 33.7
16 23 20.2 +2.5
16 24 43.8 +1.8
16 35 01.4
16 24 52.7 -1.1
16 25 06.7
16 53 02.1
16 53 00.8
16 52 58.6
16 24 57.0 -0.7
16 25 04.0 -0.7
16 24 59.6 +2.2
16 53 55.1
16 53 55.2
16 53 55.9
16 25 02.4 -1.5
16 25 17.0
16 25 05.9 -1.3
16 25 12.0 +1.1
16 25 53.8 +1.6
16 25 59.8 +0.5
16 26 03.3 +1.2
16 26 32.8 +1.5
16 26 38.3 -0.1
16 26 39.6 -1.6
16 26 40.4 +0.7
16 26 45.7 -1.3
16 27 03.8 -0.5
16 47 09.2
16 27 09.6 -1.8
16 27 11.8 +0.3
16 27 10.1 -1.4
16 27 28.9 -0.2
16 27 33.3
16 27 29.1 0.0
16 27 28.9 -0.2
16 27 30.0 -0.8
16 27 34.7
16 27 34.7 +1.7
16 27 45.0
16 27 43.0 -0.3
16 27 55.7 +0.1
16 28 01.6 -1.2
16 28 15.4
16 28 04.3 +0.4
16 28 03.9 -1.1
16 28 10.6
16 28 17.7 -0.6
16 48 53.1

GSI Gunungsitoli 0.10 240 P
KK31 Karatay Array 54.19 301 P
KK31 Karatay Array 54.19 301 Iamb
comp=Z,7.2nm,1.1s
KKAR Karatay Array 54.19 301 P
KKAR Karatay Array 54.19 301 Iamb
comp=Z,7.2nm,1.1s
MAYO Mayo, Yukon 54.62 33 P
GARO Garo 55.73 296 P
GARO Garo 55.73 296 Iamb
comp=Z,8.9nm,1.1s
WARR Warramunga Arr 56.43 189 P
comp=Z,0.9nm,0.8s,baz=14,slow=7.9,SNR=5.2
WRA Warramunga Arr 56.43 189 P
CHGR Chuyangaron 56.70 296 P
ARIU Ari 57.45 319 P
comp=Z,1.2nm,0.5s,baz=91,slow=15,SNR=1.7
ARU Ari 57.45 319 LR
comp=Z,2.6nm,20.0s,baz=102,slow=38
comp=Z,1.2nm,0.5s
ARU Ari 57.45 319 P
ABKAR Abkhal Array 59.03 311 P
ABKAR Abkhal Array 59.03 311 Iamb
comp=Z,5.1nm,0.8s
AKTO Aktyubinsk 59.77 313 P
comp=Z,1.3nm,0.7s,baz=51,slow=14,SNR=2.7
comp=Z,1.3nm,0.7s
ASAR Alice Springs 60.15 189 P
comp=Z,0.5nm,0.8s,baz=19.15,slow=6.3,SNR=4.8
ASAR Alice Springs 60.15 189 P
YKA Yellowknife Arr 64.07 30 P
comp=Z,2.7nm,0.9s,baz=79,slow=8.6,SNR=2.3
FINES FINESS Array B 69.85 333 P
comp=Z,2.7nm,0.9s,baz=79,slow=8.6,SNR=2.3
FINES FINESS Array B 69.85 333 P
KBZ Khabaz 71.99 311 P
comp=Z,1.2nm,0.8s,baz=17,slow=1.7,SNR=4.3
comp=Z,1.2nm,0.8s
NVAR Norarsk Array B 74.71 53 P
comp=Z,0.2nm,0.3s,baz=305,slow=6.5,SNR=2.0
comp=Z,0.2nm,0.3s
NOA NORARSK Array B 75.19 338 P
comp=Z,0.1nm,0.6s,baz=14,slow=3.8,SNR=2.3
comp=Z,0.3nm,0.7s
PDAR Pinedale Array 77.64 46 P
comp=Z,0.2nm,0.6s,baz=344,slow=2.9,SNR=1.8
comp=Z,0.2nm,0.6s
BRTR Keskin Array B 79.94 312 P
comp=Z,0.3nm,0.5s,baz=71,slow=6.0,SNR=2.1
comp=Z,0.3nm,0.5s
CLL Collm 82.14 331 eP
CLL Collm 82.14 331 sP

NOU 23 16:20:57.8, 34.16S, 179.90W, h241km, MLV4.2/8, South
of Kermadec Islands
IDC 23 16:21:08.5, 2.8, 34.33S, 176.93E, h0km, mb3.9/2,
mbtmp3.8/3, ML3.2/1, Error ellipse: s-maj=65.2km
s-min=37.8km az=60.0,
WEL 23 16:21:13.2, 0.9, 35.5S, 6.17E, h247km, 9km,
M3.8/4, mB4.3/1, ML4.0/7, MLV3.8/4, Mw(Mw)3.4/1, Error
ellipse: s-maj=10.0km s-min=0.0km az=107.2 confirmed
ISC 23 16:21:11.6, 3.6, 35.1S, 0.1:178.8E:0.2, h250km, 16km,
n34, s125/48, Off east coast of North Island

Code Station Name Δ° AZ $^\circ$ Phase ID Time Res
 h m s ISC
MXZ Matakaoa Point 2.48 189 P
MXZ Matakaoa Point 2.48 189 P
WMGZ Waomatatini S 2.72 187 S
WMGZ Waomatatini S 2.72 187 S
HAZ Te Kaha 2.76 197 P
HAZ Te Kaha 2.76 197 S
PKGZ Pakihiroa 2.83 192 P
PKGZ Pakihiroa 2.83 192 S
GRZ Great Barrier 2.96 247 P
PUZ Puketiti 2.98 189 P
PUZ Puketiti 2.98 189 S
RUZ Raukumara Rang 2.99 198 P
RUZ Raukumara Rang 2.99 198 S
KUZ Kuaotunu 2.99 236 P

Table with columns: JRY, Ryogami san, 0.87 271, i P, Pn, 16 30 09.6 -0.4, etc. Lists various stations and their coordinates.

Table with columns: CHGR, Chuyangaron, 55.06 296, P, P, 16 39 19.6 -0.6, etc. Lists stations and their coordinates.

Table with columns: MBAR, Mbarara, 58.73 48, LR, LR, 17 15 53.1, etc. Lists stations and their coordinates.

IDC 23 16:36:35.6:99.0,56.91N,30.68E, h0km, Error ellipse: s-maj=1437.0km s-min=80.4km az=90.0, Baltic States-Belarus-Northwestern Russia

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

IDC 23 16:37:17.9:7.9, 6.85S, 149.34E, h74km, 56km, mb2.9/1, mbmtp3.4/3, ML2.9/2, Error ellipse: s-maj=152.9km s-min=54.7km az=125.0, New Britain region

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

IDC 23 16:42:38.7:0.6, 48.81S, 8.71W, h0km, mb4.1/7, mbmtp4.2/7, MS3.6/29, Error ellipse: s-maj=26.8km s-min=20.5km az=118.0

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

IDC 23 16:42:39.7:0.6, 48.93S, 0.1x1.8:5W:0.1, h10km, n46, 154/25, mb4.4/15, MS3.7/29, Southern Mid-Atlantic Ridge

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

NEIC 23 16:46:12.4:1.1, 22.2S, 0.2x1.7:9.4W:0.2, h592km, 12km, mb4.4/26, Error ellipse: s-maj=25.7km s-min=21.9km az=77.0

IDC 23 16:46:13.9:3.5, 22.20S, 179.72W, h588km, 24km, mb3.2/6, mbmtp4.2/8, Error ellipse: s-maj=63.9km s-min=18.7km az=134.0

IDC 23 16:46:13.0:1.9, 22.23S, 0.1x1.7:9.6W:0.1, h592km, n39, 0590/40, mb4.3/19, South of Fiji Islands

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

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like CTAO Charters Tower, WB0 Warrungunga Arr, WRAB Tennant Creek, etc.

NEIC 23 17:00:34.8, 1.7, 3.7S:0.1, 155.52E:0.08, h42km, 8km, mb4.6/6.1, Error ellipse: s-maj=16.0km s-min=10.0km az=205.0
IDC 23 17:00:34.8, 1.5, 7.28S: 155.54E, h46km, 14km, mb4.0/2.1, mb4.3/2.4, ML2.8/2, MS3.8/2.7, Error ellipse: s-maj=14.4km s-min=10.1km az=44.0
GCMT 23 17:00:34.8, 0.2, 7.41S: 0.1, 155.43E: 0.02, h20km, MW5.0/91, Moment Tensor Solution. s33,c39; s91,c134; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:3.04+-1.7; Mw: 2.60+-1.0; Mb: 0.44+-1.0; Mo: 0.70+-1.6; Ml: 1.31+-0.7; Mo: 0.77+-2.3; Best double couple: M3.30000x10^16 NP1: 122.00000, 65.40000, 1.99.00000; NP2: 9.288.00000, 63.70000, 1.78.00000; Principal axes: T 3.2350, P1g79.0000, Azmb6.0000; N 0.1240, P1g7.0000, Azm297.0000; P 2.3640, P1g9.0000, Azm206.0000; nst41 refers to body waves, cutoff=40s; nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function
DJA 23 17:00:41.0, 0.6, 7.7S: 4.15E, h116km, 6km, M4.6/28, mb5.1/5, mb4.6/28, MLV4.8/2, Mw(mB)4.4/5
BUJ 23 17:00:41.0, 0.0, 7.40S: 155.40E, h115km, mb4.6/4.5, mb4.9/2.1
ISC 23 17:00:33.9, 0.3, 7.27S: 0.05, 155.45E: 0.05, h35km, m168, c1945/160, mb4.8/7.7, MS3.8/2.6, 1C-1D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like MTN Manton Dam, SIJI Sorong, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like TNCH TNCH, UNLN Ulanbaatar, MA2 Magadan, etc.

23d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WB2 Warramunga Arr, WRAB Tennant Creek, etc.

IDC 23 18:11:26.6:0.5, 13.64N:144.07E, h225km, 8km, mb3.2/12, mbtmp3.7/12, Error ellipse: s-maj=30.7km s-min=12.3km az=88.0

ISC 23 18:11:26.7:1.1, 13.7N:0.1:144.7E:0.4, h250km, n14, r125/12, mb3.4/12, Mariana Islands

Main table for 23d 18h section, listing various stations and their parameters. Includes stations like GUMO Guam, JNU Nakatuse, MJAR Matushiro Arr, etc.

IDC 23 18:24:52.7:46.0, 15.24S:171.16W, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=903.1km s-min=196.9km az=79.0, Samoa Islands region

Table for IDC 23 18:24:52.7:46.0, 15.24S:171.16W, listing stations like STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 23 18:31:18.9:3.0, 9.54S:120.16E, h0km, mb3.2/1, mbtmp3.6/3, ML3.7/2, Error ellipse: s-maj=266.6km s-min=30.7km az=51.0

DJA 23 18:31:19.5:0.3, 10.5:3x12.0E:1, h10km, M3.9/11, mb4.0/5, ML3.8/11, MwWwp5.8/1, Mwp5.9/1

ISC 23 18:31:18.6:0.9, 9.75S:0.07:119.63E:0.05, h10km, n16, r257/17, Sumba region

Main table for IDC 23 18:31:18.9:3.0, 9.54S:120.16E, listing stations like BASI Baing, Sumba, PLAI Plampung, etc.

SKHL 23 18:45:59.9:0.2, 44.70N:148.50E, h105km, 4km, mb4.5/5, msha5.3/5

JMA 23 18:46:00.0:0.5, 44.7N:148.5E, h121km, MV3.8/23, SE OFF ETOROFU

ISC 23 18:45:57.4:3.8, 44.56N:0.008:148.6E:0.2, h114km, 18km, n17, r125/30, Kuril Islands

Main table for SKHL 23 18:45:59.9:0.2, 44.70N:148.50E, listing stations like KUR Kuril'sk, KUR Kuril'sk, etc.

2017 MAR

Table for 2017 MAR section, listing stations like NEM2 Nemuro 2, NMR Nemuro-Hokkai, etc.

NNC 23 18:53:51.6:0.2, 43.22N:78.29E, h0km, mb3.7, mpv3.9, Error ellipse: s-maj=2.8km s-min=1.3km az=0.0

KRNET 23 18:53:51.9:0.1, 43.19N:78.28E, h20km, mb3.5

SOME 23 18:53:52.5, 43.20N:78.25E, h10km

ISC 23 18:53:52.0:0.5, 43.20N:78.25E, h0km, ml2.8, Error ellipse: s-maj=4.3km s-min=3.3km az=148.0

ISC 23 18:53:52.7:0.8, 43.20N:0.02:78.25E:0.01, h8km, 7km, n83, r1513/160, 23C-22D, Lake Issyk-Kul region

Main table for NNC 23 18:53:51.6:0.2, 43.22N:78.29E, listing stations like ZHN Zhinisheke, ZHN Zhinisheke, etc.

1338

Main table for 1338 section, listing stations like AAA Alma-Ata, AAA Arharly, ARXS Arharly, etc.

23d 23h

Table of station data for 23d 23h, including call signs like BKZ, DZM, BHHZ, KAHZ, etc., and their respective coordinates and frequencies.

2017 MAR

Main table of station data for 2017 MAR, listing station names, coordinates, and various technical parameters like S/NR, phase, and time.

1348

Table of station data for 1348, including call signs like PEAOB, PETK, PETK, etc., and their respective coordinates and frequencies.

24d Oh

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SUMG Summit, EGMT Eagle, ARU Arti, etc.

2017 MAR

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KKAR Karatay Array, QSM Queen of Sheba, MDND Maddock, etc.

1350

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SSPA Standing Stone, GERES GERESS Array B, KMSC Kings Mountain, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Date, Time, Status, etc. Includes entries like N19K Bonanza Creek, O17K Koligek Bris, K27K Chicken, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Date, Time, Status, etc. Includes entries like BBB Bella Bella, ULM Lac du Bonnet, EYMN Ely, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Date, Time, Status, etc. Includes entries like KORR Kora, VLKR Vladikavkaz, BATM Batumi, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like MNGR Mingechevir, A, CHOM Cayeli-Rize, UNCR Uncukul, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like QASAR BQ, BQ Beylaqan, QRD Qoradiz, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like T1245 Monte Cornacci, MC2 Arquata del Tr, FDMO Fioridimonte, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ARNR Ardon, LGD Lagodekhi, DDEM Demirkent, etc.

MOS 24 01:33:58.7, 0.0, 41.47N, 43.89E, h3km, MPVA3.4
TIF 24 01:34:00.0, 0.0, 41.48N, 43.95E, h11km
ISK 24 01:34:00.1, 0.1, 41.48N, 43.95E, h10km, ML2.7

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like TRLG Trialeti, BRNG Burnasheti, DMNI Dmanisi, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like DIGR Digorskoe uzhe, SHTL Shatili, TASB TASBURUN-IGDIR, etc.

ISK 24 01:45:45.4, 3.3, 33.51N, 27.58E, h84km, ML3.1/15
NIC 24 01:45:51.3, 0.0, 33.79N, 28.01E, h32km, 35km, M12.5/6
ISC 24 01:45:45.5, 1.6, 33.49N, 0.10, 27.66E, 0.05, h90km, 53km,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KARP Karpathos, ARG Arkhangelos, KSL Kastellorizo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like AKAS Kas, DAT Datca, GAVD Gavdhos, etc.

SOF 24 02:02:39.2, 45.56N, 26.46E, h100km, MD3.1
BUC 24 02:02:39.1, 0.3, 45.62N, 26.51E, h85km, 2km, ML3.3/33,
30C-32D, Error ellipse: s-maj=1.8km s-min=1.5km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like BISRR Bisoca, NEHR Nehoiu, PLOH Plostinia, etc.

IDC 24 02:24:17.4, 0.9, 6.76N, 126.78E, h0km, mb3.7/7,
mbmp3.7/7, MS3.0/3, Error ellipse: s-maj=30.1km
s-min=17.6km az=53.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MATI Mati, DAV Davao City (W), etc.

BARS Barje	5.47 343 ePn	Pn	04 25 49.8 +0.3
BARS BARS	5.47 343 eSn	Sn	04 26 49.4 -2.6
BORA Eskisehir	5.56 64 Pn	Pn	04 25 52.5 +1.6
ULC Ulcinj	5.66 322/1Pn	Pn	04 25 51.0 -1.3
ULC ULC	5.66 322/1Sn	Sn	04 26 52.7 -4.2
ULC Zavojski	5.77 350 ePn	Pn	04 25 55.0 +0.6
PVY Plav	5.86 330/1Pn	Pn	04 25 54.3 -0.5
PVY PVY	5.86 330/1Sn	Sn	04 26 58.6 -2.9
TIP Timpagrande	5.88 288 ePn	Pn	04 25 54.7 -0.3
TIP Timpagrande	5.88 288 eSn	Sn	04 25 54.6 -0.3
TIP Timpagrande	5.88 288 ePn	Pn	04 25 54.7 -0.3
TIP Timpagrande	5.88 288 eSn	Sn	04 25 54.7 -0.3
DRME Dracevica, Mon	5.88 323/1Pn	Pn	04 25 53.4 -1.5
DRME Dracevica, Mon	5.88 323/1Sn	Sn	04 25 53.7 -1.2
DRME Dracevica, Mon	5.88 323/1Pn	Pn	04 26 57.7 -3.9
DRME Dracevica, Mon	5.88 323/1Sn	Sn	04 25 55.8 -1.2
PDG Podgorica	6.03 325 ePn	Pn	04 25 57.7 -1.2
PDG Podgorica	6.03 325 eSn	Sn	04 27 00.5 -4.7
PDG Podgorica	6.03 325/1Pn	Pn	04 25 56.0 -0.9
PDG Podgorica	6.03 325/1Sn	Sn	04 27 01.5 -3.7
BUM Brajci-Budva	6.11 322/1Pn	Pn	04 25 56.5 -1.5
BUM BUM	6.11 322/1Sn	Sn	04 27 02.9 -4.2
IVA Berane	6.12 331 ePn	Pn	04 25 57.8 -0.4
IVA IVA	6.12 331 eSn	Sn	04 27 04.7 -2.9
KOME Kolasin	6.26 328/1Pn	Pn	04 25 59.8 -0.2
KOME KOME	6.26 328/1Sn	Sn	04 27 07.8 -3.0
RAZG Razgrad	6.27 17 ePn	Pn	04 26 00.7 +0.6
RAZG RAZG	6.28 345 ePn	Pn	04 26 00.7 +0.6
BOMS Bovan	6.28 345 ePn	Pn	04 26 00.8 +0.8
CEME Cevan	6.28 324/1Pn	Pn	04 25 58.8 -1.5
CEME CEME	6.28 324/1Sn	Sn	04 27 07.5 -3.8
MDUB Mudurnu	6.32 61 ePn	Pn	04 26 03.7 +2.8
ZAGS Zajecar	6.35 349 ePn	Pn	04 26 02.1 +1.0
UPAD Vlada	6.41 319 ePn	Pn	04 26 02.7 +0.3
HCY Herceg Novi	6.41 321 ePn	Pn	04 25 59.2 -2.3
HCY Herceg Novi	6.41 321/1Pn	Pn	04 25 59.9 -2.1
HCY Herceg Novi	6.41 321/1Sn	Sn	04 27 10.0 -4.3
CEL Celeste	6.41 278 ePn	Pn	04 26 01.4 +0.7
CEL Celeste	6.41 278 eSn	Sn	04 26 01.4 +0.7
SJES Sjenica	6.43 333 ePn	Pn	04 26 01.7 +0.6
SJES Sjenica	6.43 333 eSn	Sn	04 27 10.6 -4.3
SJES Sjenica	6.43 333/1Pn	Pn	04 26 01.7 +0.6
NKME Niksic	6.44 325/1Pn	Pn	04 26 00.9 -1.4
NKME NKME	6.44 325/1Sn	Sn	04 27 11.3 -3.7
COPA Copaceanca	6.61 8 ePn	Pn	04 26 04.2 -0.3
IVAS Ivanjica	6.64 335 ePn	Pn	04 26 01.7 +0.6
IVAS IVAS	6.64 335 eSn	Sn	04 27 15.0 -4.9
TREB Trebinje	6.68 322 ePn	Pn	04 26 03.3 -2.3
PLE Plebivci	6.71 330/1Pn	Pn	04 26 05.4 +0.6
PLE PLE	6.71 330/1Sn	Sn	04 27 18.3 -3.3
BRG Bratogost	6.73 354 ePn	Pn	04 26 07.0 +0.9
BRG Bratogost	6.73 354 eSn	Sn	04 26 04.1 -1.5
BRY Bratogost	6.73 324/1Pn	Pn	04 26 04.8 -1.5
BRY BRY	6.73 324/1Sn	Sn	04 27 18.1 -4.1
GRUS Gruza	6.76 340 ePn	Pn	04 26 07.1 +0.6
GRUS GRUS	6.76 340 eSn	Sn	04 27 19.7 -2.8
UPM Unac-Piva	6.80 327 ePn	Pn	04 26 06.2 +0.7
UPM Unac-Piva	6.80 327/1Pn	Pn	04 26 06.6 -0.7
UPM Unac-Piva	6.80 327/1Sn	Sn	04 27 20.5 -3.5
GAZI Gazipasa	6.83 99 ePn	Pn	04 26 08.2 +0.7
GAZI GAZI	6.83 99 eSn	Sn	04 27 16.6 -7.7
KOZE Karadeniz Ereo	6.88 55 ePn	Pn	04 26 10.7 +2.5
KOZE KOZE	6.88 55 eSn	Sn	04 26 10.7 +2.5
MIRVN Mirnerino Murg	6.95 302 ePn	Pn	04 26 07.1 +1.3
RUDO Rudo	6.96 331 ePn	Pn	04 26 07.2 -2.0
STON Ston	7.12 320 ePn	Pn	04 26 08.3 -3.1
DJES Djerdap	7.15 352 ePn	Pn	04 26 12.5 +0.7
TRUS Trudelj	7.15 339 ePn	Pn	04 26 12.2 +0.4
TRUS TRUS	7.15 339 eSn	Sn	04 27 24.2 -6.5
BBLs Lazi#263;i	7.16 333 ePn	Pn	04 26 10.5 -1.4
BBLs BBLs	7.16 333 eSn	Sn	04 27 26.8 -5.5
BBLs Lazi#263;i	7.16 333 ePn	Pn	04 26 10.6 -1.4
BBLs BBLs	7.16 333 eSn	Sn	04 26 11.4 -0.5
DIVS Divibare	7.16 336 ePn	Pn	04 26 11.5 -0.5
DIVS DIVS	7.16 336 eSn	Sn	04 27 27.5 -5.2
DIVS Divibare	7.16 336 ePn	Pn	04 26 10.9 -1.1
DIVS ANKARA	7.27 69 ePn	Pn	04 26 17.0 +3.6
DIVS ANKARA	7.27 69 eSn	Sn	04 26 15.9 +2.5
ANTO ANKARA	7.27 69 ePn	Pn	04 26 15.9 +2.5
ANTO ANKARA	7.27 69 eSn	Sn	04 26 13.9 -0.1
YHR Yherculane	7.28 13 ePn	Pn	04 26 13.2 +0.5
MDVR Moldovici	7.38 347 ePn	Pn	04 26 15.6 +0.7
HAPS Han Pijesak, BI	7.52 331 ePn	Pn	04 26 15.3 -1.4
VAE Valguarnera	7.59 272 ePn	Pn	04 26 17.8 +0.1
VAE VAE	7.59 272 eSn	Sn	04 27 38.4 -4.2
comp=N, 42nm, 0.7s, baz=168, slow=6.6, SNR=1.1			
RAFF Raffo Rosso	7.65 270 ePn	Pn	04 26 17.6 -0.8
MTUR Matau	7.67 6 ePn	Pn	04 26 19.4 +0.6
MTUR MTUR	7.67 6 eSn	Sn	04 26 19.4 +0.6
TEKS Tekeris	7.71 336 ePn	Pn	04 27 04.0 -5.1
TEKS TEKS	7.71 336 eSn	Sn	04 26 16.6 -2.7
ISR Istrita	7.77 336 ePn	Pn	04 26 20.8 +0.8
ISR Istrita	7.77 336 eSn	Sn	04 26 20.8 +0.8
ARR Arges	7.79 21 ePn	Pn	04 26 20.1 -0.2
GZR Gura Zlata	7.85 354 ePn	Pn	04 26 22.1 +1.1
GZR Gura Zlata	7.85 354 eSn	Sn	04 26 21.6 +0.4
LOT Lotru	7.85 359 ePn	Pn	04 26 23.2 +2.9
BR131 Keskin Array S	7.87 71 ePn	Pn	04 26 23.4 +2.0
BRTR Keskin Array B	7.87 71 ePn	Pn	04 26 23.4 +2.0
comp=N, 14nm, 0.8s, baz=254, slow=14, SNR=8.4			
VOIR VOIR	7.88 6 ePn	Pn	04 26 21.6 0.0
VOIR VOIR	7.88 6 eSn	Sn	04 26 21.5 0.0
TPGR Topolog	8.00 23 Pn	Pn	04 26 22.6 +3.2
CSS Mathiatis	8.01 106 ePn	Pn	04 26 22.3 -0.9
CSS CSS	8.01 106 eSn	Sn	04 26 23.7 +1.1
CSS Mathiatis	8.01 106 ePn	Pn	04 26 23.3 +0.1
NEHR Neohiu	8.02 12 ePn	Pn	04 26 23.7 +0.4
MLR Muntele Rosu	8.03 10 ePn	Pn	04 26 24.5 +0.9
MLR Muntele Rosu	8.03 10 eSn	Sn	04 26 24.1 +0.6
comp=N, 5.6nm, 0.7s, baz=310, slow=9.7, SNR=1.4			
MLR Muntele Rosu	8.03 10 ePn	Pn	04 26 24.2 +0.7
MLR LFK	8.05 104 ePn	Pn	04 26 23.0 -0.9
MLR LFK	8.05 104 eSn	Sn	04 27 46.5 -7.2
FRGS Fruska Gora	8.18 339 ePn	Pn	04 26 25.0 -0.5
FRGS Fruska Gora	8.18 339 eSn	Sn	04 26 24.8 -0.6
FRGS Fruska Gora	8.18 339 ePn	Pn	04 26 24.2 -1.2
CFR Carcaliu	8.20 21 ePn	Pn	04 26 25.2 -0.5
CFR Carcaliu	8.20 21 eSn	Sn	04 26 25.2 -0.5
BZS Buzias	8.21 348 ePn	Pn	04 26 26.5 +0.7
BZS Buzias	8.21 348 eSn	Sn	04 26 26.2 +0.3
BISR Bisoca	8.21 14 ePn	Pn	04 26 26.8 +0.2
SURR Surduc	8.27 351 ePn	Pn	04 26 28.3 +0.9
ILGA Ilgaz	8.32 62 ePn	Pn	04 26 28.2 +0.8
DEV Deva	8.32 355 ePn	Pn	04 26 28.1 +0.8
DEV DEV	8.32 355 eSn	Sn	04 26 30.1 +1.0
COVR Voineasa-Covas	8.42 11 ePn	Pn	04 26 30.1 +1.0
PLOR Plostina	8.49 13 ePn	Pn	04 26 30.1 +1.0
PLOR Plostina	8.49 13 eSn	Sn	04 26 31.3 +1.4
VRI Vrincoiaia	8.52 13 ePn	Pn	04 26 31.3 +1.4
VRI Vrincoiaia	8.52 13 eSn	Sn	04 26 31.3 +1.4
MGRS Mirkonjic Grad	8.57 325 ePn	Pn	04 26 29.2 -1.5
BLJ Banja Luka	8.79 327 ePn	Pn	04 26 31.1 -1.7
BLJ BLJ	8.79 327 eSn	Sn	04 26 28.4 -6.8
BLJ Banja Luka	8.79 327 ePn	Pn	04 26 31.6 -1.9
SIRR Siria	8.84 350 ePn	Pn	04 26 34.8 +0.6
A050A Klekocava	8.88 323 ePn	Pn	04 26 33.5 -1.3
A052A Srbac	8.93 329 ePn	Pn	04 26 33.6 -1.8
MARR Marisel-Cluj	9.12 330 ePn	Pn	04 26 35.0 +1.3
A051A Mrakovica	9.12 327 ePn	Pn	04 26 35.6 -2.3
TESR Tescani	9.13 12 ePn	Pn	04 26 38.7 +0.6
DRGR 9.24 355 ePn			04 26 40.0 +0.5
DRGR 9.24 355 eSn			04 26 40.0 +0.5
ADU L'Aquila	9.40 304 ePn	Pn	04 26 41.1 +2.1
MORH Mrgy, Hungar	9.48 337 ePn	Pn	04 26 41.6 -1.0
MESR Meseseni	9.58 356 ePn	Pn	04 26 45.4 +1.4
GUMA Gualdo di Mace	9.78 307 ePn	Pn	04 26 46.5 -0.2
BURAR Bucovina Array	10.06 5 ePn	Pn	04 26 51.9 +1.5
BURAR Bucovina Array	10.06 5 eSn	Sn	04 26 51.8 +1.5
BUR0B Bucovina Ar. S	10.09 5 ePn	Pn	04 26 51.1 +0.5
HNTI Hanita	10.10 113 Pn	Pn	04 26 51.0 -1.3
HNTI HNTI	10.10 113 eSn	Sn	04 26 36.7 -8.6
BOJS Bojancani	10.25 323 ePn	Pn	04 26 51.0 -1.7
BOJS BOJS	10.25 323 eSn	Sn	04 26 31.7 -9.1
BOJS Bojancani	10.25 323/1Pn	Pn	04 26 51.1 -1.7
BOJS BOJS	10.25 323/1Sn	Sn	04 26 33.5 +0.3
OFRI Ofer	10.30 116 Pn	Pn	04 26 52.0 -1.6
OFRI OFRI	10.30 116 eSn	Sn	04 26 40.2 -7.5
BEIL Beino	10.35 103 ePn	Pn	04 26 54.7 +0.4

ZAHZ Zahle	10.38 107 ePn	Pn	04 26 54.3 -0.4
BLGI Bet Lehem HaGe	10.39 114 eSn	Sn	04 26 41.1 -8.7
CRES Cresnev	10.39 325 ePn	Pn	04 26 52.5 -2.1
CRES Cresnev	10.39 325 eSn	Sn	04 26 52.6 -2.1
MMAOB Mount Meron ar	10.40 113 Pn	Pn	04 26 53.2 -1.8
MMAI Mount Meron Ar	10.40 113 Pn	Pn	04 26 54.0 -0.9
comp=N, 7.9nm, 0.3s, baz=302, slow=13, SNR=38			
MMAI comp=N, 18nm, 0.4s, baz=310, slow=28, SNR=17			
MGAB Montegabbione	10.50 304 ePn	Pn	04 26 56.8 +0.7
RCY Rachaya	10.50 109 ePn	Pn	04 26 55.8 -0.5
GEM Giv'at Ha'Em	10.50 111 Pn	Pn	04 26 55.2 -1.0
GEM GEM	10.50 111 eSn	Sn	04 26 55.2 -1.0
GEM Giv'at Ha'Em	10.50 111 Pn	Pn	04 26 55.8 -0.4
NATI Neve Ativ	10.53 111 Pn	Pn	04 26 55.3 -0.8
NATI NATI	10.53 111 eSn	Sn	04 26 55.1 -8.1
SLTI Safit	10.54 117 Pn	Pn	04 26 55.2 -1.6
SLTI SLTI	10.54 117 eSn	Sn	04 26 56.0 -7.6
VISS Visnje	10.66 323 ePn	Pn	04 26 56.1 -2.2
MMLI Mount Malkishu	10.71 115 Pn	Pn	04 26 57.8 -1.2
MMLI MMLI	10.71 115 eSn	Sn	04 26 48.3 -9.3
PSZ Piszkesteto	10.74 345 ePn	Pn	04 27 01.9 +2.5
PSZ Piszkesteto	10.74 345 eSn	Sn	04 27 01.8 +2.5
SALP Salift	10.74 118 Pn	Pn	04 26 58.5 -0.9
SALP SALP	10.74 118 eSn	Sn	04 26 58.0 -8.2
SHMJ Saham	10.81 113 Pn	Pn	04 27 00.3 -0.2
GEY Gernika	10.82 322 ePn	Pn	04 27 01.6 +1.9
AMAZ Amatzia	10.86 121 Pn	Pn	04 27 00.4 -0.6
AMAZ AMAZ	10.86 121 eSn	Sn	04 28 52.0 -9.3
QJNE Al-Qirein	10.87 115 Pn	Pn	04 27 00.5 -0.5
HMDT Nahal Hemdat	10.88 116 Pn	Pn	04 27 00.4 -0.8
HMDT HMDT	10.88 116 eSn	Sn	04 28 54.4 -7.3
SKDS Skadancina	10.89 320 ePn	Pn	04 26 58.9 -2.3
SKDS SKDS	10.89 320 eSn	Sn	04 28 51.9 -1.0
SKDS Skadancina	10.89 320 ePn	Pn	04 26 58.3 -2.9
KZIT Kzivit	10.90 125 Pn	Pn	04 27 00.5 -1.0
KZIT KZIT	10.90 125 eSn	Sn	04 28 52.2 -9.4
VNDS Vrn nad Dolski	10.95 324 ePn	Pn	04 27 00.2 -1.8
VNDS VNDS	10.95 324 eSn	Sn	04 28 52.9 -1.0
SORM Soroca	11.02 116 ePn	Pn	04 27 05.7 +2.9
SORM SORM	11.02 116 eSn	Sn	04 27 05.6 +2.9
YTR Yattir	11.10 121 Pn	Pn	04 27 03.5 -0.7
YTR YTR	11.10 121 eSn	Sn	04 28 58.1 -9.0
YTR Yattir	11.10 121 Pn	Pn	04 27 03.7 -0.5
TRI Trieste	11.13 320 ePn	Pn	04 27 03.6 -0.7
DSI Dead Sea	11.16 119 Pn	Pn	04 27 04.1 -0.7
DSI DSI	11.16 119 eSn	Sn	04 29 00.8 -7.6
DSI Dead Sea	11.16 119 Pn	Pn	04 27 04.7 -0.1
DESR Deser	11.16 327 Pn	Pn	04 27 04.0 -1.3
SOKA Soboth	11.23 327 ePn	Pn	04 27 04.2 -1.6
comp=N, 1.6nm, 0.2s, SNR=9.0			
SOKA comp=N, 4.3nm, 0.4s			
MDBI Mazsada	11.30 120 Pn	Pn	04 27 05.5 -1.1
MDBI MDBI	11.30 120 eSn	Sn	04 29 02.8 -8.8
MDBI Mazsada	11.30 120 Pn	Pn	04 27 06.5 -0.1
MSBI Mazsada	11.30 120 Pn	Pn	04 27 06.0 -0.6
MSBI MSBI	11.30 120 eSn	Sn	04 29 03.7 -7.9
OBIR Obir	11.32 325 ePn	Pn	04 27 05.6 -1.3
OBKA Obka	11.32 325 eSn	Sn	04 29 07.8 -4.4
comp=N, 1.7nm, 0.2s, SNR=10.0			
OBKA comp=N, 13nm, 0.5s			
OBKA Obir	11.32 325 ePn	Pn	04 27 05.1 -1.8
OBKA Obir	11.32 325 eSn	Sn	04 29 05.1 -1.8
OBKA Mount Ramon	11.42 120 Pn		

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like WAKE ISLAND Hy 28.77 143 T, WAKE ISLAND Hy 29.76 144 T, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like Rausu, Nemuro 2, Nemuro-Hokkai, Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like Vaqueiros, Barrancos, Barranco-do-Ve, Castro Verde, San Pablo, Badajoz, etc.

PGC 24 05:45:56.2 ± 1.5, 50°53'N, 130°11'W, h10km, MLSn3.0/17, Mw3.6/17, 191km west of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

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

MDD 24 05:55:37.9 ± 0.6, 35°32'N, 81°11'W, h10km, 3km, mb, Lg2.5/14, Error ellipse: s-maj=3.6km s-min=2.8km az=3.0

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

SOME 24 05:57:06.1, 39°52'N, 73°08'E, h0km, KRNET 24 05:57:08.1 ± 1.3, 39°28'N, 73°06'E, mb3.4

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

IDC 24 05:47:34.0 ± 0.4, 44°45'N, 146°48'E, h139km, 41km, mb3.1/15, mbtmp3.6/7, Error ellipse: s-maj=35.9km s-min=19.8km az=152.0

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

INMG 24 05:55:37.2 ± 1.5, 35°28'N, 81°21'W, h9km, ML2.1, Error ellipse: s-maj=5.1km s-min=3.6km az=18.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like CEUTA, MALAGA, LOS GUAJARES, etc.

ISC 24 05:55:35.8 ± 1.2, 35°45'N, 02°37'W, h0.02, h6km, 10km, n42, c1946/81, Strait of Gibraltar

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

24d 7h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Karatobe, Kurty, Kurty, Uzynbulak, etc.

24d 7h
IDC 24 06:18:04.6-4.4, 22.445S-148.044E, h0km, mbtmp3.2/4, ML3.2/4, Error ellipse: s-maj=43.8km s-min=19.9km, az=84.0, Queenstand

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Charters Tower, Stephens Creek, Warramunga Arr, etc.

ROM 24 06:24:39.2-0.2, 42.986N-0.004E-13.044E-0.005, h4km, ML1.1/3, 1C-1D, Error ellipse: s-maj=0.4km s-min=0.1km az=126.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Monte Fema, Frazio, Preci, Frazion, etc.

ROM 24 06:25:17.3-0.0, 42.813N-0.002E-13.145E-0.003, h10km, ML1.2/7, 2C-1D, Error ellipse: s-maj=0.2km s-min=0.2km az=265.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Norcia, Castelsantange, Arquata del Tr, etc.

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Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Monte Cornacci, Civita (PG), Bolognola (MC), etc.

DJA 24 06:26:14.9-0.3, 11.54N-11.66E, h10km, ML1.1/10, mb4.4/5, mb5.4/1, MLV4.0/10, Mw(mb)4.9/1, South of Bali

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

IDC 24 07:21:04.2-1.6, 54.76N-83.84E, h0km, mbtmp3.0/3, ML2.6/3, Error ellipse: s-maj=15.5km s-min=9.7km, az=17.0

ISC 24 07:21:03.9-3.5, 54.77N-83.84E-0.2, h10km, n8, i162/6, 1C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Zalesovo Infra, Zalesovo Beam, Kurchatov, etc.

IEPN 24 07:23:13.0, 85.00N-13.72E, h10km, North of Svalbard

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Zemlya Franca, Omega, Kingsbay, etc.

BER 24 07:23:54.1-1.6, 78.55N-3.31W, h10km, ML1.4, Confirmed Earthquake, Greenland Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kingsbay, Danmarks Havn, Nord, etc.

IDC 24 07:24:30.5-1.1, 30.42N-67.40E, h0km, mb3.6/9, mbtmp3.7/10, ML3.6/1, MS3.1/5, Error ellipse:

1368 s-maj=29.9km s-min=23.4km az=99.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Wadi Sarin, Alibek, Makanchi Array, etc.

DNK 24 07:27:48.2-2.7, 83.02N-6.13W, h36km, 74km, ML1.5, BER 24 07:27:50.1-1.4, 82.62N-6.20W, h10km, ML1.7, Confirmed Earthquake, North of Svalbard

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

TAP 24 07:30:29.6, 24.95N-122.22E, h14km, ML3.2, D JMA 24 07:30:30.3-0.1, 24.9N-0.8E-122.3E-0.3, h43km, MV2.3/4, TAIWAN REGION

ISC 24 07:30:28.2-1.4, 24.97N-0.04E-122.27E-0.03, h14km, 10km, n57, 0f58/78, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Santiao Chiao, Grass Mountain, Shuangxi, etc.

24d 8h

Table with columns: Call sign, Station Name, Frequency, Power, and other technical details. Includes stations like MKAR Makanchi Array and ZALV Zalesovo Beam.

IDC 24 08:19:02.01.0.70:41'S:177.46'W,h0km,mb4.0/4, mbmp4.1/5,ML3.5/1,MS3.5/6,Error ellipse: s-maj=34.2km s-min=22.9km az=150.0

ISC 24 08:19:06.20.8.30:48'S:008.177.5'W,0.1,h33km,n21, c=219/20,mb3.9/4,MS4.4,Kermadec Islands

Main table of station data for the 24d 8h period, including call signs, station names, frequencies, and power levels.

BJI 24 08:53:11.0.0.0.7:60'S:128.10'E,h164km,mb4.6/39, nP34.0/20

NEIC 24 08:53:13.8.1.9.7:56'S:0.09:128.10E:0.07,h165km,7km, mb4.6/44,Error ellipse: s-maj=13.2km s-min=10.1km az=202.0

DJA 24 08:53:13.1.0.2.8'S:2*12'8E",h155km,3km, M4.7/36, mb5.2/12,mb4.7/36,MLV4.9/15,Mw(mB)4.5/12

IDC 24 08:53:14.1.2.9.7:42'S:128.13'E,h170km,3km,mb4.0/20, mbmp4.5/22,MS3.0/4,Error ellipse: s-maj=22.3km s-min=12.0km az=57.0

ISC 24 08:53:11.7.0.3.7:51'S:105.128.08E:0.06,h142km,n171, c=1559/171,mb4.6/48,1-C-AD,Banda Sea

Continuation of station data table, listing various stations and their operational parameters.

2017 MAR

Main table of station data for the month of March 2017, including call signs, station names, frequencies, and power levels.

1370

Main table of station data for the 1370 frequency range, including call signs, station names, frequencies, and power levels.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DIGO, DIGO Kars, EMRE, ERZURUM, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like GEVA, NRKZ, STEPANAVAN, KAPUZ, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like AKT, DBC, XNQ, YRD, etc.

24d 9h

Table with columns for ID, Name, Date, Time, and other details. Includes entries like S57A, G004, LCAAR, etc.

2017 MAR

Table with columns for ID, Name, Date, Time, and other details. Includes entries like P57A, WMOK, P53A, etc.

1374

Table with columns for ID, Name, Date, Time, and other details. Includes entries like MT02, MNTX, P43A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Date, Time, and other details. Includes entries like UCCT U. Connecticut, KSU1 Kansas State U, WVNY West Valley, N, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Date, Time, and other details. Includes entries like ACCN Adirondack Com, J61A Chester, UNH University of, SCIA State Center, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Date, Time, and other details. Includes entries like PKME Peaks-Kenny Pk, K31A O'Neill, G40A Rib Lake, F42A Maple Grove Fa, etc.

24d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like JMM Marabiori, UURK Usuriysk Ar, RAMN Ramite, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ARNL Arenillas, MCRN Macar, LOJA, etc.

2017 MAR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like URIC Uribia, PB16 IPOC Station P, BIRV Birong, etc.

1382

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ELK Elko, NVAR Mina Array Bea, ULM ULM, etc.

KRSC 24 10:39:28.6; 2.0, 48; 26N; 153.94E, h180km, 42km, M13.9,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, etc.

IDC 24 10:45:10.4; 1.9; 5.94S; 130.76E, h0km, mb3.9/2,

DJA 24 10:45:22.0; 0.3; 6.3; 131.17E, h120km, 9km, M4.4/11,

ISC 24 10:45:21.4; 0.7; 6.04S; 0.06; 131.02E; 0.09, h86km, n28,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like BNDI Bandanaira, BNDI Bandanaira, SAU Saumlaki, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W3, H01W1, H01W2, WRA, H0S2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RDO, EDC, BAND, BALKESIR-BAN, DURS, etc.

Code Station Name Az AzZ Phase ID Time Res ISC

Code Station Name Az AzZ Phase ID Time Res ISC

Code Station Name Az AzZ Phase ID Time Res ISC

24d 13h

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND Hy 27.97 115 T, H11N1 WAKE ISLAND Hy 27.97 115 T, etc.

NOU 24 12:02:11.1, 11:84S, 167:32E, h93km, mb4.3/7, Santa Cruz Islands, Santa Cruz Islands

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like DVP Devils Point, KOUNC Koumac, New Ca, etc.

HEL 24 12:05:22.0, 0.1, 64:72N-24:70E, h0km, ML1.1, Explosion, Finland

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like OBF4 Vikkela, Lumij, OBF4 Syolatti, Pyha, etc.

IDC 24 12:22:28.0-0.9, 51:14N, 156:62E, h0km, mb3.5/11, mbmp3.6/14, ML2.8/3, MS3.5/20, Error ellipse: s-maj=25.2km s-min=16.7km az=119.0

ISC 24 12:22:29.8-0.8, 51:13N, 0:10, 10:156.8E:0.1, h10km, n42, a15/15, mb3.6/11, MS3.5/18, Kamchatka Peninsula

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, I44RU PETROPAVLOVSK-2.07 16 I, ASAJ Asahikawa, etc.

2017 MAR

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like AKTO Aktyubinsk, NVAR Mila Aray Bay, ELK Elko, etc.

IDC 24 12:28:29.1-2.0, 63:93N, 28:54E, h0km, mbtmp2.9/2, ML2.0/2, Error ellipse: s-maj=45.6km s-min=10.6km az=97.0

HEL 24 12:28:29.2-0.1, 64:00N, 28:15E, h0km, ML1.6, Suspected explosion

ISC 24 12:28:27.8-0.8, 63:96N, 0:02, 28:13E:0.03, h0km, n26, a130/46, Finland

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like RMF Romuvaara, RUF Oulu, OUL Merijarvi, etc.

IDC 24 12:35:14.4-1.8, 36:20N, 142:60E, h0km, mb3.7/5, mbmp3.6/8, ML3.2/3, Error ellipse: s-maj=45.2km s-min=23.6km az=68.0

JMA 24 12:35:16.6-0.2, 36:2N, 0:5, 142:6E:1.0, h35km, MV3.5/23, FAR E OFF KANTO

ISC 24 12:35:16.1-1.1, 36:20N, 0:06, 142:62E:0.08, h18km, n26, a134/26, mb3.6/5, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like KALU Kalix, RNF Rovaniemi, UMAU Umeaa, etc.

1384

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like JCJ Chichijima, KCJ, KRSR, H11N2 WAKE ISLAND Hy 26.89 121 T, etc.

IDC 24 12:44:13.2-4.1, 10:44N-91:50E, h0km, mb3.4/4, mbmp3.4/4, Error ellipse: s-maj=158.1km s-min=26.9km az=66.0, Andaman Islands region

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like H08S3 Diego Garcia H, H08S2 Diego Garcia H, H08S1 Diego Garcia H, etc.

IDC 24 12:54:40.7-8.1, 31:34S, 179:98E, h376km, 95km, mb2.8/2, mbmp3.6/3, Error ellipse: s-maj=106.0km s-min=44.5km az=2.0, Keradade Islands region

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

BUL 24 13:04:51.7-0.2, 25:46S, 28:77E, h10km, MD3.8, South Africa

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like LBTB Lobatse, LBTB Lobatse, MOPA Mopani, etc.

MAN 24 13:18:42.5, 0:9, 5:09N, 124:98E, h39km, mb4.4, ML3.2, MS3.0

DJA 24 13:18:43.2, 0.4, 5:0N, 3:12, 5E, h68km, 8km, M4.3/12, MB5.0/5, mb4.3/10, MLV4.3/12, Mw(MB)4.3/5

NEIC 24 13:18:44.0, 1.0, 5:0N, 0:1, 125:1E:0.1, h65km, 10km, mb4.2/12, Error ellipse: s-maj=19.0km s-min=12.3km az=46.0

IDC 24 13:18:46.2, 2.3, 5:04N, 125:17E, h95km, 19km, mb3.6/7, mbmp3.9/8, Error ellipse: s-maj=47.1km s-min=13.6km az=83.0

ISC 24 13:18:42.5, 0.9, 5:02N, 0:04, 124:98E:0.06, h60km, n10km, a50, a120/55, mb4.0/11, 2C-5D, Mindaanao

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like GSPH General Santos, GSGS Sangihe, SKMP Bagumbayan, Su, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, AS31 Alice Springs, etc.

IDC 24 13:31:36.1±2.7, 7.19S, 124.44E, h576km, 43km, mb2.9/5, mbtmp3.8/8, Error ellipse: s-maj=138.6km s-min=14.7km az=57.0

ISC 24 13:31:34.6±0.9, 6.9S, 0.2±124.9E±0.3, h550km, n8, +079/9, mb3.4/5, Banda Sea

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

IDC 24 13:35:03.6±0.1, 1.06S, 67.76E, h0km, mb4.2/6, mbtmp4.3/27, ML5.1/1, MS4.5/72, Error ellipse: s-maj=17.4km s-min=14.6km az=170.0

BUI 24 13:35:04.0±0.0, 1.12S, 67.92E, h4km, mb4.7/35, mb5.0/27, Ms4.9/32, Ms7.4/6/30

NEIC 24 13:35:07.2±2.8, 1.05S, 0.06±67.60E±0.08, h10km, 1km, mb4.8/37, Mwb5.3/22, Error ellipse: s-maj=14.6km s-min=7.6km az=121.0, Moment Tensor Solution.

Moment tensor: Scale 10^17Nm; Mr:0.45; Mw:1.27; Mo:0.82; Me:0.16; Mb:0.28; Mv:0.40; Fault plane solution: M1:2.2000x10^17 NP1:122.64000°, 87.075000°, 1.153.63000°...

NEIC 24 13:35:07.2, 1.05S, 67.60E, h10km

GCMT 24 13:35:08.2±0.1, 1.12S, 0.01±67.60E±0.01, h12km, MW5.4/154, Moment Tensor Solution. s17.c186; s154.c307; Duration: 1s2 Moment tensor: Scale 10^17 Nm; Mr:0.13±.02; Mw:1.22±.01; Mo:1.35±.01; Mb:0.22±.04; Mv:0.39±.01; Ms:0.15±.04; Best double couple: M1:3.7100x10^17 NP1:36.00000°, 85.00000°, 1.11.00000°...

ISC 24 13:35:06.4±0.4, 1.12S, 0.06±67.69E±0.05, h15km, n168, c±204/123, mb4.7/54, MS4.6/86, 1C-4D, Carlsberg Ridge

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KAAM Kaadhehdho, DGAR Diego Garcia, MNCI Mincioy, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MBAR Mbarara, PHRA Phrae, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like XAN, MPSI, TSUM, etc.

24d 13h

Table with columns: HEH, EH, HEH, HEH, USRK, USRK, DBIC, DBIC, HFS, KLR, MJAR, MJAR, NOA, NOA, NOA, STKA, MDT, ARCES, ELIB, ESDC, JCJ, GUMO, YAK, CTA, PMG, ASAJ, TIXI, TIXI, TIXI, SNA, SPITS, KRVT, BBTS, JMJC, SEY, QSPA, VNSA, BORG, PETK, HNR, DZM, DZM, RPZ, YKA, TBI, TBI, PDAR, PPT2, PPT2, NVAR, TAOE, TXAR, AEIC, NEIC, IDC, ISC, Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC.

2017 MAR

Table with columns: BMAR, EPYK, EPYK, INK, INK, YKA, NVAR, PDAR, KSR, SONM, KURB, BVAR, MKAR, FINES, CMAR, ASAR, NEIC, IDC, ISC, Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC.

1386

Table with columns: SUA, K2OK, TNA, N2SK, SEY, TRF, IMAR, IL3, ILAR, ILAR, M3OM, M3OM, DAWY, PDAR, CMAR, INK, INK, SONM, YKA, TIXI, TIXI, BVAR, ARCES, BRUR, BR13, BRTR, BRTR, CHVC, CLL, CLL, DPG, BRG, BRG, BRG, BRG, KRCL, MAUC, PRU, VRAC, KRUC, KHC, CKRC, GERES, GERES, GERES, RONA, MOA, BIOA, SOKA, KBA, WTTA, MOTA, MYKA, SQTA, ABTA, DAVA, FATA, STAL, FNA, DSN, ISN, MOS, NEIC, OMAN, GIL, ISC, Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC.

24d 16h

Table with columns: Station Name, Azimuth, Distance, Magnitude, Error, Station Name, Azimuth, Distance, Magnitude, Error. Includes stations like Datong Townshi, Shilin, Shulin Township, etc.

2017 MAR

Table with columns: Station Name, Azimuth, Distance, Magnitude, Error. Includes stations like NTST, SCLT, SSHA, etc.

1394

Table with columns: Station Name, Azimuth, Distance, Magnitude, Error. Includes stations like EAST, SCZT, TAWH, etc.

Text containing seismic event details: BJI 24 16:43:24.3±0.0, 26°62'N, 127°43'E, h76km, mb5.0/78, mB4.8/58, Ms4.5/80, Ms7.4/270. MOS 24 16:43:24.9±0.0, 26°92'N, 127°19'E, h75km, mb5.8/89, MS4.2/5, Error ellipse: s-maj=5.7km s-min=3.5km az=117.5. NEIC 24 16:43:27.1±0.0, 26°89'N, 127°22'E, h77km, mb4.4km, mb5.5/299, Mw6.5/27, Mw6.5. 1/23, Error ellipse: s-maj=9.9km s-min=8.1km az=163.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr=3.79; Mθθ=5.89; Mφφ=9.67; Mrr-θθ=3.08; Mrr-φφ=1.21; Fault plane solution: Ms=0.70000x10^16; NP1=38.66000°, λ=156.58000°, λ-30.83000°. NP2=140.42000°, λ=156.58000°, λ-30.83000°. Principal axes: T 9.7877, Plg5.0000°, Azm91.0000°; N -1.6649, Plg54.0000°, Azm188.0000°; P -8.1229, Plg36.0000°, Azm357.0000°. IDC 24 16:43:27.4±0.5, 26°96'N, 127°20'E, h82km, mb4.9/33, mbmp5.2/36, MS3.9/64 Error ellipse: s-maj=9.2km s-min=7.7km az=9.0. NEIC 24 16:43:27.3, 26°90'N, 127°20'E, h79km. NEIC 24 16:43:27.5±0.0, 26°90'N, 127°20'E, h80km, Moment Tensor Solution. Duration: 188 Moment tensor: Scale 10^16Nm; Mrr=3.11; Mθθ=1.68; Mφφ=4.79; Mrr-θθ=2.82; Mrr-φφ=1.94; Mθθ-φφ=0.22; Fault plane solution: Ms=4.30000x10^16; NP1=48.21000°, λ=144.24000°, λ-45.09000°. NP2=162.66000°, λ=144.24000°. Principal axes: T 5.4444, Plg7.0000°, Azm108.0000°; N -0.0347, Plg39.0000°, Azm204.0000°; P -5.4097, Plg50.0000°, Azm9.0000°. NEIC 24 16:43:27.26±0.0, 26°84'N, 127°21'E, h80km. NIED 24 16:43:28.2±0.2, 27°N, 127°22'E, h87km, Mw5.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^16Nm; Mrr=1.94; Mθθ=2.44; Mφφ=4.38; Mrr-θθ=2.73; Mrr-φφ=1.14; Fault plane solution: Ms=4.81000x10^16; NP1=39.0000°, λ=155.0000°, λ-42.0000°. NP2=145.0000°, λ=155.0000°. JMA 24 16:43:28.2±0.2, 27°N, 127°22'E, h87km, Mw5.1, Moment Tensor Solution. M5.1/11, Mw5.1/11, NW OFF OKINAWAJIMA IS. JMA Felt J1 at NW OFF OKINAWAJIMA IS. GCMT 24 16:43:29.1±0.2, 26°75'N, 127°26'E, h95km, mb1km, Mw5.1/16, Moment Tensor Solution. s88, c120; s116, c197; Duration: 150 Moment tensor: Scale 10^17 Nm; Mrr=0.51±0.01; Mθθ=0.26±0.01; Mφφ=0.77±0.01; Mrr-θθ=0.32±0.01; Mrr-φφ=0.07±0.01; Mθθ-φφ=1.2±0.01; Best double couple: Ms=0.76500x10^17; NP1=33.0000°, λ=60.0000°, λ-51.0000°. NP2=154.0000°, λ=60.0000°, λ-137.0000°. Principal axes: T 0.7970, Plg7.0000°, Azm96.0000°; N -0.0650, Plg33.0000°, Azm190.0000°; P -0.7320, Plg56.0000°, Azm356.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function BGR 24 16:43:30.4, 26°96'N, 127°14'E, h90km, mb6.0 ISC 24 16:43:30.4±0.2, 26°85'N, 127°28'E, h85km, mb6.0, h88km; p-P, n1667, e1943/1789, mb5.5/385, 101C-87D, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Error, Station Name, Azimuth, Distance, Magnitude, Error. Includes stations like JAGN, JIJI, JIHE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, HTT Hallett, CMAA Cobar Meteorol, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KOT Kottamia, HHAG Hagoal, HLW Helwan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PLD Plovdiv, PRV Prvonek, ZAPS Zavoj, etc.

BEO 24 17:26:45.3, 0.3, 42.43N, 23.50E, h0km, ML2.2/8
THE 24 17:26:46.4, 42.38N, 23.33E, h3km, 1km, ML2.5/7, Error ellipse: s-maj=2.2km, s-min=1.3km, az=296.0

ISC 24 17:38:02.7, 6.2, 24.27N, 141.61E, h145km, 114km, mb3.0/3, mbmp3.5/4, ML3.8/1, Error ellipse: s-maj=209.4km, s-min=23.8km, az=73.0

ISC 24 17:42:10.0, 1.4, 30.34N, 01.138E, h145km, 114km, mb4.3/4, Error ellipse: s-maj=33.9km, s-min=17.5km, az=92.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VTS Vitosh, BOSS Bosilegrad, PLD Plovdiv, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CJC Chichijima, WBO Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MTR Matur, DIVS Divibare, LPK Lapseki, etc.

GIL 24 17:40:09.2, 0.0, 30.42N, 31.88E, h1km, 2km, Mm3.0/1
HLW 24 17:40:11.0, 30.29N, 31.93E, h9km, 2km, ML3.3
ISC 24 17:40:10.0, 1.4, 30.34N, 01.138E, h145km, 114km, mb4.3/4, Error ellipse: s-maj=33.9km, s-min=17.5km, az=92.0

SOF 24 17:40:26.6, 42.41N, 23.52E, h13km, MD3.1
ISK 24 17:40:27.4, 42.36N, 23.56E, h5km, ML3.3/21
BEO 24 17:40:27.4, 0.3, 42.45N, 23.52E, h5km, 2km, ML2.8/15

ISC 24 17:42:35.9, 7.6, 35.63N, 21.71E, h0km, mb4.1/2, mbmp3.9/4, ML3.3/2, MS2.3/1, Error ellipse: s-maj=140.8km, s-min=43.4km, az=31.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like STIP Stip, VAY Valandovo, SRS Serrai, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KOT Kottamia, HHAG Hagoal, HLW Helwan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KZIT Kziot, KZIT Kziot, KRMI Paran Flat, etc.

GIL 24 17:35:21.3, 0.0, 30.52N, 31.95E, h6km, MD2.9/5, Mm2.8/12

ISC 24 17:42:40.5, 0.9, 36.08N, 02.23E, h10km, n41, n15/56, Southern Greece

ISC 24 17:42:35.9, 7.6, 35.63N, 21.71E, h0km, mb4.1/2, mbmp3.9/4, ML3.3/2, MS2.3/1, Error ellipse: s-maj=140.8km, s-min=43.4km, az=31.0

Table with columns: PKE, Pukeiti, 7.40, 41, P, Pn, 18 42 45.9 +1.1, etc.

IDC 24 18:44:01.3:1.5, 44:31N:105:57W, h0km, mb3.4/1, s=mbmp3.3/4, ML3.1/3, MS2.5/1, Error ellipse: s-maj=41.9km...

ANF 24 18:44:03.0:3.0, 44:33N:105:42W, h0km, ML3.5/13, Error ellipse: s-maj=2.5km s-min=2.0km az=179.0

Main table for 1407 containing station names, codes, and coordinates. Includes stations like Black Hills, Red Lodge, Rawlins, etc.

Table with columns: P, Pn, 18 45 36.7 -1.7, etc. Includes stations like Paradox Valley, SRU, SDCO, etc.

WEL 24 18:28:20.0:3.0, 42:28S:177:4E, h12km, 2km, M2.9/17, ML3.1/20, MLV2.9/17, Error ellipse: s-maj=0.0km...

Main table for 2017 MAR containing station names, codes, and coordinates. Includes stations like Cape Campbell, Blackbirch Sta, Tuamarina, etc.

DSN 24 19:25:31.4:0.8, 26:86N:56:09E, h10km, ML2.3/6, Error ellipse: s-maj=30.5km s-min=5.5km az=79.0

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

DDA 24 19:27:08.1:0.0, 39:54N:26:09E, h8km, 1km, ML2.6, ISK 24 19:27:08.2, 39:56N:26:10E, h6km, ML2.8/21

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

Main table for 24d 20h containing station names, codes, and coordinates. Includes stations like Bozcaada, Ezine, Paraskevi, etc.

NOU 24 19:50:32.8, 17:52S:168:58E, h87km, MLV4.0/12, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Devils Point, Lifenc Levofu, etc.

IDC 24 20:15:41.2:0.7, 0:80S:134:66E, h0km, mb4.1/11, mbmp4.1/12, ML4.3/1, MS3.4/18, Error ellipse: s-maj=39.2km s-min=13.9km az=68.0

24d 21h

NEIC 24:20:15.45:5.2, 1.0; 9.2S; 0.10; 134.7E; 0.1, h31km, 6km, mb4.4/29, Error ellipse: s-maj=16.3km s-min=13.9km az=89.0

ISC 24:20:15.44:9.0, 0.5, 0.66S; 0.05; 134.62E; 0.06, h27km, n80, #148/70, mb4.3/21, MSS.4/12, Irian Jaya region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

2017 MAR

Table with columns: GEYT, Alibeck, 79.96 309, P, Iamb, P, 20 27 53.0 +1.0, 20 27 53.6. Lists specific seismic events.

IDC 24:20:21:39.9: 1.5, 31.1; 28N; 126.6; 65E, h0km, mb3.3/2, mbmp3.3/4, ML3.1/2, Error ellipse: s-maj=31.1km s-min=19.4km az=101.0

JMA 24:20:21:39.2: 0.6, 3.1; N1.4; 12.7E; 1.2, h2km, MV3.2/12, EAST CHINA SEA REGION

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC event.

AEIC 24:20:29: 0.6: 2.7, 5.1; 7N; 0.2; 179.5W; 0.2, h2km, 7km, Error ellipse: s-maj=34.5km s-min=1.9km az=157.0

NEIC 24:20:28: 59.5: 1.0, 52.1; 0.3; 179.1W; 0.2, h65km, 43km, mb3.9/19, ML3.5(AEIC), Error ellipse: s-maj=49.9km s-min=6.4km az=165.0, Androan Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the AEIC and NEIC events.

WEL 24:20:32: 49.8: 0.3, 4.1; S1.3; 17.4E; 1.2, h29km, 3km, M3.2/31, ML3.5/31, MLV3.2/31, Error ellipse: s-maj=0.0km s-min=0.0km az=171.9, confirmed

NOU 24:20:32: 49.4: 0.4, 80.3S; 174.37E, h15km, MLV3.6/9, Cook Strait, New Zealand

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the WEL and NOU events.

1408

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the 1408 event.

ISK 24:21:07: 15.7, 41.38N; 43.75E, h5km, ML2.4/9, NORS 24:21:07: 15.4: 0.0, 41.47N; 43.79E, h2km, MPVA2.8

TIF 24:21:07: 15.5, 41.37N; 43.76E, h7km, 3km, ML2.1, DDA 24:21:07: 16.2: 0.0, 41.36N; 43.68E, h7km, 3km, ML2.1

ISC 24:21:07: 16.2: 0.9, 41.36N; 0.02; 43.75E; 0.02, h10km, 6km, n41, #062/71, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the ISK, TIF, DDA, and ISC events.

IDC 24:21:19: 43.5: 1.8, 34.51N; 138.84E, h0km, mb3.4/2, mbmp3.4/3, ML2.9/1, Error ellipse: s-maj=92.8km s-min=21.9km az=62.0

JMA 24:21:19: 46.5: 0.2, 35.1N; 0.6; 140.0E; 0.7, h68km, 1km, MV3.1/39, SOUTHERN BOSO PENINSULA

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Las Esperanzas, Acoyapa, BOACOA, Matagalpa, Concepcion, Finca Concepci, etc.

ISK 24 22:58:36.0, 38.344N-44.18E, h1km, ML2.5/7
DDA 24 22:58:38.6, 0.0, 38.43N-44.11E, h7km, 3km, ML2.0
ISC 24 22:58:38.1, 1.3, 38.41N-0.003, 44.16E, 0.05, h9km, 10km, n14, c075/23, Turkey-Iran border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Van, Ozalp-Mer, Gevas, Hakkari, etc.

MOS 24 23:37:29.3, 0.8, 48.90N-156.54E, h2km, mb4.3/1, Error ellipse: s-maj=31.8km s-min=4.8km az=79.5
KRSC 24 23:37:33.6, 2.0, 49.39N-157.03E, h15km, 34km, M4.3
IDC 24 23:37:36.9, 3.5, 49.42N-155.86E, h89km, 33km, mb3.3/8, mbtmp3.7/10, MS2.8/1, Error ellipse: s-maj=35.3km s-min=15.9km az=140.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Severo-Kuril's, Pauzhetka, Khodutka, etc.

Table with columns: GRL, Gorelyy, 3.60, 16, PN, Pn, 23 38 27.3 +2.4, etc. Includes stations like Apacha, Koryakskiy, Koryakskiy, etc.

Table with columns: H1N2, WAKE ISLAND Hy 30.48 160 T T, 00 16 41.7, etc. Includes stations like WAKE ISLAND Hy 30.50 160 T T, etc.

Table with columns: WRA, Waramang Arr 71.50 202 P P, 23 48 48.2 -0.3, etc. Includes stations like Lajitas Array, Alice Springs, etc.

Table with columns: SOME 24 23:46:06.0, 42.30N-81.02E, h15km, Northern Xinjiang, etc. Includes stations like Shalkode, Uzb, Saty, etc.

BUI 24 23:49:44.1, 0.0, 57.09N-157.45W, h5km, mb4.5/3/3, mB5.0/16, Ms4.9/18, Ms7.4/6/18
NEIC 24 23:49:48.2, 57.20N-157.48W, h7km
NEIC 24 23:49:48.7, 1.6, 57.23N-157.58W, 0.08, h7km, 3km, Error ellipse: s-maj=7.2km s-min=4.9km az=124.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mn=0.57; Mw=0.85; Mxx=0.28; Myy=0.33; Mzz=0.02; Mxy=0.86; Fault plane solution: M1: 19000x1016 NP1: 51.33000°, 87.148000°, 1.53.85000°; NP2: 297.84000°, 84.03000°, 1.341000°; Principal axes: T: 1.340, Plg2, 0.000°; Azm281.0000°; N: 0.3730, Plg54.0000°, Azm64.0000°; P: -0.9610, Plg18.0000°, Azm167.0000°; NEIC 24 23:49:48.1, 57.19N-157.48W, h12km
AEIC 24 23:49:48.2, 1.8, 57.20N-157.48W, 0.08, h7km, 3km, M4.5, mb4.9/377(NEIC), M4.4/740(NEIC), Mw4.7/46(NEIC), Mw4.8/35(NEIC), Error ellipse: s-maj=7.2km s-min=4.9km az=127.0
ANF 24 23:49:48.1, 0.5, 57.24N-157.64W, h0km, 3km, M4.9/32, Error ellipse: s-maj=3.1km s-min=1.9km az=113.0
NEIC 24 23:49:48.1, 56.89N-157.11W, h12km, Moment Tensor Solution. Duration: 193. Moment tensor: Scale 10^16Nm; Mn=1.69; Mw=1.58; Mxx=0.02; Myy=1.18; Mzz=0.90; Fault plane solution: M2: 25000x1016 NP1: 58.67000°, 86.89000°, 1.78.77000°; NP2: 264.60000°, 82.646000°, 1.113.53000°. Principal axes: T: 2.2051, Plg67.0000°, Azm308.0000°; N: 0.0987, Plg10.0000°, Azm63.0000°; P: -2.3038, Plg20.0000°, Azm157.0000°; MOS 24 23:49:51.6, 0.8, 57.34N-157.45W, h41km, mb5.0/64, MS4.4/4 Error ellipse: s-maj=8.4km s-min=5.4km az=94.3
GCMT 24 23:49:51.2, 0.3, 57.31N-157.37W, 0.05, h12km, MW4.8/93, Moment Tensor Solution. s29,c32; s93,c138; Duration: 0. Moment tensor: Scale 10^16Nm; Mn=1.99; Mw=1.92; Mxx=0.02; Myy=0.04; Mzz=0.90; Mxy=0.91; Mxz=0.28; Fault plane solution: M2: 32300x1016 NP1: 227.0000°, 85.3.0000°, 1.62.00000°. NP2:

0.89.00000°, 84.5.00000°, 1.22.00000°. Principal axes: T 2.3540, Plg67.0000°, Azm77.00000°, N -0.0610, Plg22.0000°, Azm244.00000°, P -2.2910, Plg4.0000°. Azm336.00000°. nsta1 refers to nsta1 refers to body waves, cutoff=40s. nsta2 refers to nsta2 refers to body waves, cutoff=50s. Triangular moment-rate function
IDC 24 23:49:54.2, 1.6, 57.38N-157.53W, h46km, 15km, mb4.1/27, mbtmp4.3/31, ML3.9/4, MS4.0/64 Error ellipse: s-maj=16.0km s-min=9.7km az=7.0
ISC 24 23:49:49.5, 0.9, 57.21N-157.003, 157.57W, 0.03, h16km, 5km, n952, c11608/917, mb4.8/263, MS4.1/76, 13C-2D, Alaska Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Pilot Point, Ughashik Creek, Chignik, King Salmon, Nushagak River, Katmai Hardscr, Kiviachak River, Old Harbor, Kokwok River, Sand Point, Big Mountain, Koliqanek Bris, Cape Douglas, Kodiak Island, Kodiak Island, Black Hills, Koktuh Hills, Nishik Lake, Oil Pt, Port Alsworth, Port Alsworth, Iliamna Southw, Slope Mountain, Bonanza Creek, Redoubt South, Bradley Lake, Bradley Lake, Spurr Chakacha, Captain Cook N, Captain Cook N.

Table with columns for station ID, name, elevation, and forecast data. Includes stations like K05A Summer Lake, BMO Blue Mountains, J08A Modoc Plateau, etc.

Table with columns for station ID, name, elevation, and forecast data. Includes stations like PDAR Pinedale Array, SMMC Simmer, GRAC Grapevine Rang, etc.

Table with columns for station ID, name, elevation, and forecast data. Includes stations like KNB Kanab, Q20A White River Ci, GMRC Granite Mounta, etc.

24d 23h

Table with columns: TUC, Tucson, 40.38 108, P, P, 23 57 26.9 +0.4, 23 57 31.9, NRIK, Nori'sk, 45.32 333, P, P, 23 58 06.4 +0.5, 23 58 10.7, W45A, Hickory Valley, 49.82 86, P, P, 23 58 42.0 +0.6, 23 58 42.5 +0.9, 23 59 07.2

2017 MAR

Table with columns: NRIK, Nori'sk, 45.32 333, P, P, 23 58 06.4 +0.5, 23 58 10.7, W45A, Hickory Valley, 49.82 86, P, P, 23 58 42.0 +0.6, 23 58 42.5 +0.9, 23 59 07.2

1414

Table with columns: W45A, Hickory Valley, 49.82 86, P, P, 23 58 42.0 +0.6, 23 58 42.5 +0.9, 23 59 07.2

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like GUMO Guam, KLMM Klimovskoe, and various other locations.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PZH comp=Z,90nm,4.6s, KSH Kashi, and various other locations.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like CHTO Chiang Mai, CHTO Chiang Mai, STIP Stip, and various other locations.

IDC 24 23:50.5i,2.0,3.19S:129.08E,h0km,mb3.7/2, mbtmp3.9/4,ML3.8/2,Error ellipse: s-maj=57.9km s-min=20.8km az=65.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like MSAI Masohi, AAI Ambon, and various other locations.

JMA 25 00:26:12.6i,0.4,34°N,1°14'11"E, h43km,3km,MV3.9/35, FAR SE OFF BOSO PEN

25d 0h

NIED 25 00:26:12.6, 34.13N, 141.10E, h43km, MW3.9, Moment Tensor Solution...
Fault plane solution: Ms=7.00x10^14 NP1:
0.116, 0.00000, 0.61, 0.00000, -0.85, 0.00000...
IDC 25 00:26:13.9, 30.34, 161N, 141.06E, h37km, 25km, mb3.6/17,
mbmp3.9/22, ML3.9/5, MS3.1/3 Error ellipse:
s-maj=20.1km s-min=14.4km az=76.0

ISC 25 00:26:10.1, 1.5, 34.08N, 0.04, 141.11E, 0.06, h14km, 9km,
n52, r19151, mb3.9/17, Off east coast of Honshu

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

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

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

1416

IDC 25 00:34:26.7, 1.0, 11.14N, 87.88W, h0km, mb3.9/9,
mbmp3.9/12, ML4.2/2, MS3.4/20, Error ellipse:
s-maj=33.2km s-min=16.5km az=42.0
INET 25 00:34:30.1, 1.4, 11.28N, 87.99W, h15km, 9km, MW4.4
NEIC 25 00:34:30.1, 1.4, 11.38N, 87.77W, h21km
UCR 25 00:34:31.1, 1.6, 11.25N, 87.97W, h35km, 5km, MW3.8,
mb4 (INEIC)
NEIC 25 00:34:32.1, 1.9, 11.40N, 0.07, 87.72W, 0.07, h26km, 6km,
mb4-4/53, MW4.1/19, Error ellipse: s-maj=12.1km
s-min=7.6km az=22.0, Moment Tensor Solution.
Moment tensor: Scale 10^15Nm; Mo=6.9; Mw=1.13;
Mw=0.44; Mw=0.44; Mw=1.0; Mw=0.61; Fault plane
solution: M1, 65000x10^15 NP1: 0.204, 250.7000, 0.61, 310000,
lambda=152.240000... NP2: 0.100, 57000, 0.65, 89000,
lambda=31.730000... Principal axes: T 1.6994, P1g3.0000,
Az=154.0000; N -0.0950, P1g51.0000, Az=247.0000;
P -1.6044, P1g39.0000, Az=61.0000...
SNET 25 00:34:33.4, 0.8, 11.46N, 88.00W, h34km, 59km, ML3.8
ISC 25 00:34:28.4, 1.5, 11.34N, 0.04, 87.86W, 0.04, h8km, 9km,
n202, r1934/209, mb4.3/34, MS3.5/19, 3C, Near coast of
Nicaragua

Table with columns: TOR, WRA, PZH, CMAR, Station Name, Azimuth, Elevation, Frequency, Power, SNR, etc.

CNRM 25 00:34:45.3, 36°01'N, 0°72'W, h30km, ml2.5
MDD 25 00:34:47.1, 1.0, 36.177N, 0.70W, h0km, mb_Lg2.5/10,
Error ellipse: s-maj=7.6km s-min=4.5km az=149.0

Main station list table with columns: Code, Station Name, Az, El, Freq, Power, SNR, etc.

AEIC 25 01:00:38.4, 1.7, 57.17N, 0°04:15.7, 43W, 0.07, h6km, 4km,
ML4.0, mb4.4/28(NEIC), ML4.2/38(NEIC), Error ellipse:
s-maj=6.6km s-min=5.3km az=149.0

ANF 25 01:00:38.1, 0.2, 57.19N, 157.47W, h0km, ML4.4/29, Error
ellipse: s-maj=2.6km s-min=1.7km az=127.0

NEIC 25 01:00:39.0, 1.5, 57.17N, 0°05:15.7, 56W, 0.05, h8km, 4km,
Error ellipse: s-maj=7.7km s-min=3.0km az=157.0

IDC 25 01:00:44.0, 2.6, 57.32N, 157.51W, h43km, 23km, mb3.7/18,
mbtmp3.9/22, ML3.4/4, MS3.4/9, Error ellipse:
s-maj=25.1km s-min=12.0km az=19.0

ISC 25 01:00:38.1, 1.2, 57.17N, 0°03:15.7, 52W, 0.03, h5km, 7km,
n293, 0°18'30", mb4.3/32, MS3.6/8, Alaska Peninsula

Continuation of station list table with columns: Code, Station Name, Az, El, Freq, Power, SNR, etc.

Main station list table with columns: Q19K, KDAA, S12K, O18K, O18K, Q20K, P19K, P19K, N16K, O19K, ILSW, ILSW, O20K, HOM, HOM, HOM, N19K, N19K, N19K, FALS, SVW2, SVW2, SVW2, SVW2, CAPN, SPU, M19K, M19K, L19K, L19K, M20K, M20K, M20K, O22K, O22K, FIS, SUA, SUA, AKUT, RC01, RC01, L20K, SKT, SKT, TTA, TTA, TTA, P23K, P23K, P23K, PMR, PMR, KNK, KNK, PPLA, PPLA, GHO, CUT, K20K, SML, SML, M23K, CAST, CAST, SPIA, SPIA, EYAK, EYAK, SCM, KTH, CHUM, TRF, TRF, KLU, KLU, RND, GCSA, BPAW, MCK, MCK, N25K, N25K, HARP, HARP, etc.

Main station list table with columns: VRDI, ANM, ANM, PAX, PAX, I21K, NEA2, NEA2, MCARA, MLY, WRH, KIAG, BALM, H21K, K24K, CCB, HDA, I23K, M26K, IMAR, BARN, RIDG, ILAR, ILAR, DOT, POKR, M27K, PINM, H23K, SCRR, SCRR, G21K, O28M, TNA, TNA, L27K, BCAR, YUK3, H24K, PNL, BVCY, YUK6, PRP, PRP, G23K, K27K, F21K, O29M, YUK4, YUK6, COLD, G24K, F22K, I26K, M29M, EGAK, EGAK, G25K, FYU, P30M, DAWY, DAWY, N30M, F24K, PLBC, I27K, S31K, E23K, O30N, E24K, G26K, F25K, H27K, K29M, J29M, BMAR, G27K, F26K, D23K, E25K, D24K, M31M, N32M, D25K, FARO, FARO, C24K, E27K, EPYK, EPYK, C27K, G30M, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like C26K Camden Bay, MPMY Sheldon Lake, DLBC Dease Lake, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HHC Hu-ho-hao-te, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PHRA Phrae, BOK Bokaro, GUN Gumba, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 1419.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 1420-1430.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 1431-1440.

MAN 25 02:06:06.8,9.66Nm:126.33E,h20km,mb4.3,ML3.1,MS2.8, 6C-3D,Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other details for stations 1441-1450.

BUI 25 03:01:50.7,0.0,11.45Sx166.59E,h26km,mb4.8/4.0, mB5.0/25,Ms4.7/9,Ms7.4/4.9, IDC 25 03:01:55.3,3.5,11.43Sx166.43E,h57km,31km,mb4.1/16, mbmp4.3/18,ML3.4/2,MS4.0/5B,Error ellipse: s-maj=22.1km s-min=16.0km az=73.0

NEIC 25 03:01:55.4,2.3,11.35S,0.1,10.166,14E:0.08,h38km,6km, mb4.8/31, Error ellipse: s-maj=15.2km s-min=9.5km

NOU 25 03:01:56.8,11.63S:166.00E,h0km,mb4.9/10, Santa Cruz Islands GCMT 25 03:01:57.4,0.2,11.53S:0.02,165.98E:0.01,h46km, MV15.1/95, Moment Tensor Solution. s95.c120;

ISC 25 03:01:53.0,0.5,11.55S:0.06,166.44E:0.07,h34km,1km, h34km:pp-P,1n37,1s181/100,mb4.8/49,MS4.1/62,2C-3D, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other details for stations 1441-1450.

25d 3h

Table with columns for station name, coordinates, elevation, and status. Includes stations like KAPPI, NWAOW, MORWA, JOW, MJAR, SBUM, etc.

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Table with columns for station name, coordinates, elevation, and status. Includes stations like SONM, GOMU, HDA, etc.

1420

Table with columns for station name, coordinates, elevation, and status. Includes stations like CEVE, JAYA, JOW, etc.

1421

EGFH	Guangfu	0.40 160	eP	Pn	03 47 18.6	-1.0
EGFH	baz=166		eS	Sn	03 47 26.9	-1.9
TYC	Yuch	0.41 250	iP	Pn	03 47 19.9	+0.3
TYC	baz=248		S	Sn	03 47 29.1	+0.2
TEGC	Jichi Village	0.41 145	eP	Pn	03 47 19.2	-0.4
TEGC	baz=150		eS	Sn	03 47 28.8	-0.2
WHYT	Xinyi Township	0.53 228	iP	Pn	03 47 20.9	+0.3
WHYT	baz=229		S	Sn	03 47 31.1	+0.4
LATG	Datong	0.53 25	P	Pn	03 47 21.4	+0.6
LATG	baz=22		eS	Sn	03 47 31.6	+0.6
EHY	Hungye	0.54 176	iP	Pn	03 47 19.9	-0.8
EHY	baz=179		eS	Sn	03 47 30.9	0.0
TWQ1	Liyutan	0.55 303	iP	Pn	03 47 20.9	+0.1
TWQ1	baz=299		S	Sn	03 47 30.8	-0.3
WJS	Zhushan	0.55 246	iP	Pn	03 47 21.3	+0.5
WJS	baz=245		eS	Sn	03 47 31.5	+0.4
TCU	Taichung	0.56 280	iP	Pn	03 47 21.2	+0.4
TCU	baz=277		S	Sn	03 47 31.8	+0.6
ENA	Nanau	0.57 48	P	Pn	03 47 20.6	-0.3
ENA	baz=48		eS	Sn	03 47 31.1	-0.2
WNT1	Nantou City	0.57 256	eP	Pn	03 47 21.4	+0.5
WNT1	baz=254		eS	Sn	03 47 32.2	+0.9
WNT	Mingjian	0.57 253	iP	Pn	03 47 21.5	+0.6
WNT	baz=251		eS	Sn	03 47 32.1	+0.8
HGSD	Ruisui	0.57 166	P	Pn	03 47 20.7	-0.3
HGSD	baz=170		eS	Sn	03 47 31.3	0.0
NDT	Datong Townshi	0.59 21	P	Pn	03 47 22.2	+1.0
NDT	baz=19		eS	Sn	03 47 32.6	+0.9
NSY	Sanyi	0.60 308	eP	Pn	03 47 21.7	+0.5
NSY	baz=304		eS	Sn	03 47 32.3	+0.4
NFF	Wufeng Townshi	0.60 346	iP	Pn	03 47 21.5	+0.2
NFF	baz=342		S	Sn	03 47 31.6	-0.4
EWUT	Wuta	0.60 49	eP	Pn	03 47 21.1	-0.2
EWUT	baz=48		eS	Sn	03 47 31.2	-0.7
YHNB	Yeheng	0.62 8	P	Pn	03 47 22.4	+0.8
YHNB	baz=5.0		iP	Pn	03 47 22.1	+0.5
YHNB	baz=5.0		S	Sn	03 47 32.9	+0.4
NSK	Sanguang	0.63 7	P	Pn	03 47 22.3	+0.7
NSK	baz=4.0		eS	Sn	03 47 32.9	+0.4
NSST	Nanjuang	0.63 336	eP	Pn	03 47 21.9	+0.3
NSST	baz=333		eS	Sn	03 47 32.1	-0.3
YUS	Yu-Shan	0.63 208	iP	Pn	03 47 22.5	+0.4
YUS	baz=209		eS	Sn	03 47 34.3	+1.0
LI0B	Emei	0.64 338	P	Pn	03 47 22.0	+0.3
LI0B	baz=334		eS	Sn	03 47 32.8	+0.2
ENTT	Nioudou	0.64 24	eP	Pn	03 47 22.6	+0.9
ENTT	baz=23		eS	Sn	03 47 33.5	+0.8
WYL	Yuanlin Townsh	0.65 262	eP	Pn	03 47 22.3	+0.6
WYL	baz=261		eS	Sn	03 47 33.8	+1.2
WDJ	Dajia District	0.65 297	P	Pn	03 47 22.1	+0.3
WDJ	baz=261		eS	Sn	03 47 32.9	0.0
YULB	Yu-li	0.65 178	P	Pn	03 47 22.5	+0.7
YULB	baz=182		iP	Pn	03 47 21.0	-0.8
YULB	baz=182		eS	Sn	03 47 33.1	+0.2
NMLH	Miaoil	0.66 318	eP	Pn	03 47 22.1	+0.3
NMLH	baz=314		eS	Sn	03 47 32.9	0.0
WCHH	Zhanghua	0.66 273	P	Pn	03 47 22.2	+0.4
WCHH	baz=271		eS	Sn	03 47 33.6	+0.7
ALS	Alishan	0.69 219	iP	Pn	03 47 22.9	+0.4
ALS	baz=219		eS	Sn	03 47 34.4	+0.4
TWF1	Yuli	0.69 179	iP	Pn	03 47 21.5	-0.8
TWF1	baz=181		eS	Sn	03 47 32.2	-1.4
EYUL	Yuli	0.70 177	eP	Pn	03 47 21.6	-0.7
EYUL	baz=180		eS	Sn	03 47 33.5	-0.2
NDS	Dongshan	0.70 34	eP	Pn	03 47 22.6	+0.3
NDS	baz=33		eS	Sn	03 47 34.1	+0.3
NJD	Zhudong	0.70 346	eP	Pn	03 47 23.2	+0.9
NJD	baz=342		eS	Sn	03 47 34.7	+0.9
CHNS	Tsuling	0.71 231	iP	Pn	03 47 22.9	+0.4
CHNS	baz=231		eS	Sn	03 47 34.3	+0.3
ECBN	Changbin	0.75 168	eP	Pn	03 47 22.9	+0.1
ECBN	baz=171		eS	Sn	03 47 34.6	0.0
WGK	Gukeng	0.75 241	eP	Pn	03 47 23.6	+0.8
WGK	baz=241		eS	Sn	03 47 36.4	+1.8
NWL1	Wulai	0.75 16	iP	Pn	03 47 23.5	+0.6
NWL1	baz=14		eS	Sn	03 47 35.1	+0.3
TWE	Neicheng	0.76 28	eP	Pn	03 47 23.6	+0.7
TWE	baz=27		eS	Sn	03 47 35.3	+0.6
FUSB	Fushanzhiwuyua	0.76 22	eP	Pn	03 47 24.0	+1.0
FUSB	baz=20		eS	Sn	03 47 36.0	+1.0
TWC	Suao	0.76 43	eP	Pn	03 47 23.3	+0.3
TWC	baz=43		eS	Sn	03 47 35.1	+0.3
HSN1	Hsinchu	0.76 342	eP	Pn	03 47 23.6	+0.6
HSN1	baz=339		eS	Sn	03 47 35.7	+0.8
WDLH	Douliu	0.77 242	P	Pn	03 47 23.6	+0.6
WDLH	baz=242					

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WDLH	baz=242		eS	Sn	03 47 35.9	+0.9
SBCB	Hsinchu	0.79 340	eP	Pn	03 47 23.7	+0.5
SBCB	baz=337		eS	Sn	03 47 36.0	+0.6
HSN	Hsinchu	0.80 339	eP	Pn	03 47 24.4	+1.1
HSN	baz=340		eS	Sn	03 47 36.7	+1.1
WRL	Guolierlin Hig	0.84 260	eP	Pn	03 47 24.1	+0.4
WRL	baz=259		eS	Sn	03 47 36.5	+0.1
FULB	Fuli	0.85 179	eP	Pn	03 47 23.8	-0.1
FULB	baz=181		eS	Sn	03 47 36.7	+0.1
WCKO	Fanlu	0.87 226	iP	Pn	03 47 24.7	+0.5
WCKO	baz=226		eS	Sn	03 47 37.7	+0.7
ELDTW	Lidou	0.89 196	eP	Pn	03 47 25.1	+0.5
ELDTW	baz=197		eS	Sn	03 47 38.6	+1.0
WTK	Tuku	0.89 246	P	Pn	03 47 24.8	+0.4
WTK	baz=246		eS	Sn	03 47 38.5	+1.1
CHN2	Minshung	0.90 235	eP	Pn	03 47 25.9	+1.4
CHN2	baz=235		eS	Sn	03 47 39.3	+1.7
EHD	Haidun	0.90 184	eP	Pn	03 47 23.6	-1.0
EHD	baz=186		eS	Sn	03 47 38.2	+0.5
NCUH	Zhongli	0.92 355	eP	Pn	03 47 25.2	+0.4
NCUH	baz=352		eS	Sn	03 47 38.3	+0.2
NCU	National Centr	0.92 355	eP	Pn	03 47 25.3	+0.5
NCU	baz=353		eS	Sn	03 47 38.8	+0.6
WTCT	Ta-ch'eng	0.93 259	eP	Pn	03 47 25.5	+0.6
WTCT	baz=258		eS	Sn	03 47 39.4	+1.1
CHN4	Tsashan	0.94 222	iP	Pn	03 47 25.5	+0.5
CHN4	baz=223		eS	Sn	03 47 39.2	+0.7
NHHD	Xindian Distri	0.94 14	eP	Pn	03 47 25.6	+0.6
NHHD	baz=12		eS	Sn	03 47 38.9	+0.5
TATO	Taipei	0.94 12	eP	Pn	03 47 25.6	+0.5
TATO	baz=10.0		eS	Sn	03 47 39.0	+0.5
E0S2	E0S2	0.94 67	iP	Pn	03 47 26.0	+1.1
E0S2	baz=67		eS	Sn	03 47 39.7	+1.4
NTY	Taoyuan	0.95 1	eP	Pn	03 47 25.8	+0.7
NTY	baz=359		eS	Sn	03 47 39.5	+0.8
CHKT	Chengkung	0.95 175	eP	Pn	03 47 24.9	-0.2
CHKT	baz=177		eS	Sn	03 47 39.0	+0.3
ECS	Chishang	0.95 183	eP	Pn	03 47 26.8	+1.6
ECS	baz=185		eS	Sn	03 47 39.3	+0.5
E0S4	E0S4	0.95 86	iP	Pn	03 47 24.7	0.0
E0S4	baz=87		eS	Sn	03 47 38.3	+0.2
TPUB	Ta-pu	0.95 219	P	Pn	03 47 25.5	+0.3
TPUB	baz=219		iP	Pn	03 47 25.5	+0.3
TPUB	baz=219		eS	Sn	03 47 39.1	+0.3
CHY	Chiayi	0.96 235	eP	Pn	03 47 25.9	+0.7
CHY	baz=235		eS	Sn	03 47 39.2	+0.4
TWA	Mucha	0.97 17	eP	Pn	03 47 26.2	+0.8
TWA	baz=15		eS	Sn	03 47 40.2	+1.0
E0S3	E0S3	0.98 76	iP	Pn	03 47 26.1	+0.8
E0S3	baz=77		eS	Sn	03 47 40.8	+1.7
STYH	Taoyuan	0.99 208	eP	Pn	03 47 26.1	+0.5
STYH	baz=209		eS	Sn	03 47 39.9	+0.4
EGS	EGS	0.99 37	eP	Pn	03 47 27.0	+1.4
EGS	baz=37		eS	Sn	03 47 41.5	+1.9
WMLT	Malliao	1.00 256	eP	Pn	03 47 27.1	+1.5
WMLT	baz=255		eS	Sn	03 47 41.3	+1.6
STYT	Taoyuan	1.00 209	eP	Pn	03 47 26.3	+0.5
STYT	baz=209		eS	Sn	03 47 40.5	+0.5
WTP	Ta-pu	1.00 217	eP	Pn	03 47 26.3	+0.4
WTP	baz=218		eS	Sn	03 47 40.3	+0.3
TIPB	Shuangxi	1.04 28	eP	Pn	03 47 26.4	0.0
TIPB	baz=27		eS	Sn	03 47 41.5	+0.7
WSF	Szhu	1.05 247	eP	Pn	03 47 26.8	+0.5
WSF	baz=247		eS	Sn	03 47 42.1	+1.2
TWS1	Kuangyinshan	1.05 7	eP	Pn	03 47 27.0	+0.6
TWS1	baz=5.0		eS	Sn	03 47 41.9	+1.0
TWK	Hsinying	1.06 223	iP	Pn	03 47 26.9	+0.3
TWK	baz=223		eS	Sn	03 47 41.9	+0.7
EDH	Donghe	1.07 179	eP	Pn	03 47 26.0	-0.6
EDH	baz=181		eS	Sn	03 47 42.1	+0.8
SNST	Tainan City	1.09 221	eP	Pn	03 47 28.8	+1.9
SNST	baz=222		eS	Sn	03 47 43.9	+2.0
WSL	Shulin Townsh	1.10 242	iP	Pn	03 47 27.3	+0.4
WSL	baz=241		eS	Sn	03 47 42.4	+0.6
CHN1	Nanshi	1.10 219	iP	Pn	03 47 27.3	+0.3
CHN1	baz=219		eS	Sn	03 47 42.3	+0.3
WFSB	Wu-fen Shan	1.11 24	eP	Pn	03 47 28.2	+1.0
WFSB	baz=23		eS	Sn	03 47 42.8	+0.5
NTST	Danshui	1.12 8	eP	Pn	03 47 27.8	+0.6
NTST	baz=6.0		eS	Sn	03 47 43.2	+0.8
YM01	YM01	1.12 14	iP	Pn	03 47 27.6	+0.3
YM01	baz=12		eS	Sn	03 47 42.5	-0.1
ICHU	Yijhu	1.14 233	eP	Pn	03 47 27.8	+0.3
ICHU	baz=233		eS	Sn	03 47 43.0	0.0
LONT	Longtian	1.15 187	eP	Pn	03 47 26.9	-0.6
LONT	baz=188		eS	Sn	03 47 43.0	0.0

25d 4h

ANP	Anpu	1.15 11	eP	Pn	03 47 28.1	+0.3
ANP	baz=10.0		eS	Sn	03 47 44.0	+0.7
TWB1	Santiao Chiao	1.15 34	eP	Pn	03 47 28.9	+1.3
TWB1	baz=34		eS	Sn	03 47 43.5	+0.3
SGST	Jiashian	1.16 214	eP	Pn	03 47 27.4	-0.3
SGST	baz=214		eS	Sn	03 47 42.8	-0.4
YM08	YM08	1.17 14	eP	Pn	03 47 28.4	+0.5
YM08	baz=13		eS	Sn	03 47 42.7	-0.8
SXI1	Grass Mountain	1.17 27	eP	Pn	03 47 28.6	+0.6
SXI1	baz=27		eS	Sn	03 47 44.0	+0.2
CHN8	Yiju	1.20 235	eP	Pn	03 47 29.1	+0.9
CHN8	baz=234		eS	Sn	03 47 45.0	+0.8
TWG	Pinlang	1.24 189	eP	Pn	03 47 28.2	-0.5
TWG	baz=190		eS	Sn	03 47 44.3	-0.8
TWGBT	Beinan	1.24 189	P	Pn	03 47 30.0	+1.3
TWGBT	baz=190		eP	Pn	03 47 28.2	-0.6
TWGBT	baz=190		eS	Sn	03 47 44.0	-1.1
TWY	Chenhua	1.25 13	eP	Pn	03 47 29.6	+0.7
TWY	baz=12		eS			

25d 5h

s-min=31.3km az=39.0

ISC 25 04:11:12.8.2.0, 37.01N, 0.04:141.21E, 0.09, h10km, 13km, n17, 0.0569/17, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ONAJ Iwakimizuishi, JFK Kawachi, JFFD Fukushimafurud, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11N2 WAKE ISLAND Hy 28.27 120, H11N1 WAKE ISLAND Hy 28.28 121, etc.

ISC 25 04:44:45.0.1.4, 10.16N, 93.31E, h0km, mb3.7/6, mbmp3.7,7, ML3.8/1, MS3.2/1, Error ellipse: s-maj=56.7km s-min=21.9km az=56.0

ISC 25 04:44:48.8.1.3, 10.22N, 0.2:93.4E, 0.2, h24km, n11, 0.0617/7, mb3.7/6, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, H08S3 Diego Garcia H, H08S2 Diego Garcia H, etc.

IPEC 25 04:57:11.7.0.3, 51.58N, 16.25E, h0km, ML1.8/5, Error ellipse: s-maj=1.9km s-min=1.1km az=28.0

PRU 25 04:57:14.4.0.0, 51.49N, 16.14E, h0km, Poland

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTC Ostas, etc.

JMA 25 04:59:15.7.0.3, 37.33N, 0.8:14.4E, h59km, MV3.9/27, FAR E OFF NORTH HONSHU, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JIKH Ishinomakikobu, JIKH Ouri, JIC Kesenumototy, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JRY Odawara 2, JOD2 Ohata, JCH Churui, etc.

IDC 25 05:03:52.2.3.6, 4.39S, 144.48E, h108km, 34km, mb3.7/9, mbmp4.1/11, MS2.7/1, Error ellipse: s-maj=28.8km s-min=17.1km az=88.0

ISC 25 05:03:51.9.0.7, 4.45S, 0.08:144.5E, 0.1, h100km, n19, 0.183/22, mb3.8/9, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG JCH, PMG Port Moresby, etc.

KRNET 25 05:08:37.5.0.1, 40.63N, 79.35E, mb2.4 SOME 25 05:08:38.3, 40.83N, 79.65E, h15km NNC 25 05:08:42.0, 1.3, 40.96N, 79.54E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=8.5km s-min=7.2km az=167.0

ISC 25 05:08:37.2.2.4, 0.80N, 0.1:79.54E, 0.07, h10km, n41, 0.1953/50, 12C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TARG Taragay, PRZ Przeval'sk, KDJ Kaisay, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KOTS 4.5nm, 0.3s, BOOM Boomskeye usch, BOOM Boomskeye usch, etc.

IDC 25 05:10:33.4.1.1, 12.52N, 143.74E, h0km, mb4.0/7, mbmp3.9/7, MS3.3/3, Error ellipse: s-maj=72.3km s-min=15.2km az=119.0

ISC 25 05:10:37.6.1.2, 12.42N, 0.3:143.9E, 0.5, h27km, n18, 0.076/11, mb3.8/7, MS3.3/3, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, GUMO WAKE ISLAND Hy 22.73 72, H11S3 WAKE ISLAND Hy 22.73 72, etc.

WEL 25 05:12:40.0.7.4, 5S, 3.16E, h79km, 6km, M3.0/6, ML3.2/14, MLv3.0/6, Error ellipse: s-maj=0.0km s-min=0.0km az=120.1, confirmed, South Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSZ Milford Sound, MSZ Wanaka, WKZ Mavora Lakes, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VARN, ZOVE, WTTA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBA, MYKA, SABO, GUSCL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CAST, IMAR, KTH, etc.

TAP 25 06:37:05.2, 24:57N, 122:44E, h85km, ML3.0, C
JMA 25 06:37:05.0, 24:24N, 122:44E, h84km, 1km,
MV2.4/9, NW OF ISHIGAKIJIMA IS
ISC 25 06:37:05.6, 1.3, 18:6N, 0:1, 145:6E, 0:2, h208km, 3km,
mB4, 1/27, Error ellipse: s-maj=24.3km s-min=15.2km
az=100.0
ISC 25 06:34:20.2, 0.5, 18:60N, 0:06, 145:5E, 0:1, h200km, n50,
0:089/55, mB4/0/26, Mariana Islands

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like EOSE, JYNG, TWC, etc.

TIGA	Tres Isetas	1027 131	eP	Pn	07 01 46.6	+0.4
ETMB	Extrema	10.34 16	Pn	Pn	07 01 45.5	-1.8
ETMB	Extrema	10.34 16	eP	Pn	07 01 45.2	-2.1
PTLB	Ponte e Lacer	10.39 67	eP	Pn	07 01 45.2	-2.7
MURT	Porto Murinho	10.83 102	eP	Sn	07 01 45.5	-2.3
NNA	Nana	10.83 115	S	Sn	07 03 47.5	-6.2
VACA	Villa Angela C	10.86 137	eP	Pn	07 01 54.9	+0.7
VILB	Vilhena	10.89 52	eP	Pn	07 01 52.2	-2.6
ESFA	Espinillo Form	10.89 119	eP	Pn	07 01 55.4	-0.9
BDQN	Bodoquena, MS	11.27 187	eP	Pn	07 02 03.3	-3.1
CFA	Coronel Fontan	11.72 177	eP	Pn	07 02 02.0	-3.8
SAML	Samuel	12.23 28	eP	Pn	07 02 09.1	-3.4
AQDB	Aquidauana	12.53 95	eP	Pn	07 02 14.4	-2.0
CPUP	Villa Florida	12.53 123	eP	Pn	07 02 15.9	-0.6
CPUP	comp=Z,1.1nm,0.7s,baz=298,slow=10,SNR=33			LR	07 02 25.2	
CZSB	Cruzeiro do Sul	12.57 343	eP	Pn	07 02 14.7	-2.3
VA06	Catapico	12.82 199	Pn	Pn	07 02 17.8	-2.3
VA03	San Esteban	12.93 186	Pn	Pn	07 02 21.0	-0.7
RVDE	Rio Verde (Bra	13.31 89	eP	Pn	07 02 23.1	-3.6
AMBA	Amambai (Brazi	14.23 106	eP	Pn	07 02 27.2	-0.8
PP1B	Ponte de Pedra	13.59 83	eP	Pn	07 02 28.9	-1.3
MECA	Mercedes	13.62 136	eP	Pn	07 02 31.3	-0.7
MT09	Matagorda	14.59 187	eP	Pn	07 02 34.7	-0.6
BO01	Tunca	14.59 187	eP	Pn	07 02 42.3	-0.8
MCR1	Marechal Candi	14.62 111	eP	Pn	07 02 43.1	-0.3
ITQB	Itaquí	14.90 133	eP	Pn	07 02 48.0	+1.1
ITQB	Itaquí	14.90 133	eP	Pn	07 02 47.8	+0.9
C25B	Chapadão do Su	15.39 89	eP	Pn	07 02 50.0	0.0
CLDB	Colider	15.56 57	eP	Pn	07 02 54.0	-1.4
ATAH	Atahualpa	15.58 323	P	Pn	07 02 57.5	-0.4
TB7G	Tabatinga, AM	15.60 357	eP	Pn	07 02 55.0	-0.9
GRSM	Crisissul (Br	15.68 122	eP	Pn	07 02 57.0	-0.2
FRBT	Francisco Belt	15.71 185	eP	Pn	07 02 59.9	+0.2
RODS	Rosario do Sul	16.29 133	eP	Pn	07 03 04.8	-0.5
PTGB	Pitanga	16.42 110	eP	Pn	07 03 05.9	-0.1
PCMB	Pacambu	16.71 99	eP	Pn	07 03 10.2	+0.3
TEFE	Tefe	16.80 15	eP	Pn	07 03 09.1	-1.6
ALGR	Alto Alegre (B	17.07 187	eP	Pn	07 03 14.7	+1.2
ITAB	Concordia	17.13 119	eP	Pn	07 03 15.2	+0.6
ITAB	Concordia	17.13 119	eP	Pn	07 03 13.7	-0.8
ITRB	Iturama	17.57 93	eP	Pn	07 03 19.4	-0.6
CP5B	Cacapava Do Su	17.57 130	eP	Pn	07 03 19.8	-0.1
PLTB	Pedras Altas	18.23 134	eP	Pn	07 03 26.5	-0.1
PLTB	Pedras Altas	18.23 134	eP	Pn	07 03 26.5	-0.1
NPGB	Novo Progresso	18.39 48	eP	Pn	07 03 26.5	-1.9
FRTB	Fartura	18.42 104	eP	Pn	07 03 28.5	-0.3
MACA	Manacapuru-AM	18.48 27	eP	Pn	07 03 28.6	-0.9
SNDB	Serra Nova Dou	18.75 68	eP	Pn	07 03 31.8	-0.6
CL5L	Canelão	19.07 163	eP	Pn	07 03 35.0	-0.1
TRQA	Torquinst	19.14 163	eP	Pn	07 03 36.7	+0.2
TRQA	Torquinst	19.14 163	eP	Pn	07 03 36.7	+0.2
BB19B	Bebedouro	19.24 97	eP	Pn	07 03 37.1	-0.7
TJ01	Guarua-PR	19.26 110	eP	Pn	07 03 38.7	+0.7
SCGB	São Gabriel d	19.71 6	eP	Pn	07 03 41.3	-1.5
CO06	Cururu	19.77 186	eP	Pn	07 03 44.7	+1.2
IPMB	Ipameri, GO	19.77 88	eP	Pn	07 03 42.7	-0.9
LR03	Panguiplú	19.92 188	eP	Pn	07 03 46.0	+1.1
ITTB	Itaituba	20.12 42	eP	Pn	07 03 45.2	-1.2
RCLB	Rio Claro- Sao	20.21 101	eP	Pn	07 03 47.2	-1.0
SPB	Sao Paulo	20.39 142	eP	Pn	07 03 50.1	-0.1
BDFB	Brasília	20.42 82	P	Pn	07 03 49.8	-1.2
BDFB	comp=Z,2.0nm,0.6s,baz=265,slow=11,SNR=38			LR	07 12 55.5	
BDFB	comp=Z,2.24nm,18.4s,baz=351,slow=40			LR		
BDFB	Brasília	20.44 82	P	Pn	07 03 50.1	-0.7
BDFB	Brasília	20.44 82	P	Pn	07 03 50.1	-0.7
BDFB	Brasília	20.44 82	P	Pn	07 03 50.3	-0.5
PE01	Ihanhaem-SP	20.62 106	eP	Pn	07 03 51.9	-0.7
VA10	Valinhos	20.77 103	eP	Pn	07 03 54.3	-1.3
PIAT	Ano Florio	20.81 333	eP	Pn	07 03 57.8	-0.8
PLCA	Paso Flores	20.85 163	eP	Pn	07 03 56.1	+1.2
LL04	comp=Z,3.5nm,1.1s,baz=9.8,slow=12,SNR=45			Pn	07 03 57.6	-0.9
PMNB	Patos De Minas	21.37 90	eP	Pn	07 03 59.4	-1.4
LN03	Petrohue	21.41 187	P	Pn	07 04 01.7	+0.8
OTAV	Otavalo	22.00 334	eP	Pn	07 04 06.3	-1.6
PARB	Paraibuna	22.03 103	eP	Pn	07 04 05.9	-1.8
FLCC	Florencia	22.28 342	eP	Pn	07 04 08.4	-1.8
GUVG	San Jose del G	22.32 189	eP	Pn	07 04 12.3	-0.6
LL06	Loncomilla	22.63 382	P	Pn	07 04 14.5	+0.9
MLRB	Monte Alegre	22.99 41	eP	Pn	07 04 14.6	-2.7
PARB	Parauapebas	23.09 57	eP	Pn	07 04 15.9	-2.4
BBAC	Baiboa, Cauca	23.19 339	eP	Pn	07 04 20.5	+1.0
FL12	Futaleufú	23.23 342	eP	Pn	07 04 17.3	-0.3
SMTB	Santa Maria do	23.43 65	eP	Pn	07 04 20.6	-0.9
POPC	Popayan, Colom	23.49 341	eP	Pn	07 04 23.3	-1.1
BOA V	Boa Vista	23.64 22	eP	Pn	07 04 21.9	-1.4
BOAV	Boa Vista	23.64 22	eP	Pn	07 04 22.3	-1.0
BOAV	Boa Vista	23.64 22	eP	Pn	07 04 22.3	-1.0
IVAS	Vassouras-RJ	23.69 147	eP	Pn	07 04 25.6	-0.6
JANB	Januaria	24.04 82	eP	Pn	07 04 25.3	-1.7
PTGC	Puerto Gaitan,	24.10 352	eP	Pn	07 04 26.9	-0.5
SDBA	SAO DESIDERIO	24.30 76	eP	Pn	07 04 28.5	-0.9
ORTC	Ortega, Tolima	24.40 345	eP	Pn	07 04 29.9	-0.3
GRIC	Gorgona, Isla	24.43 337	eP	Pn	07 04 33.4	+3.0
AY01	Puyulucan	24.68 186	eP	Pn	07 04 32.3	-0.1
DUB01	Friburgo-RJ	24.97 100	eP	Pn	07 04 35.9	+0.4
ROSC	El Rosal	25.09 347	P	Pn	07 04 38.1	+1.2
ROSC	comp=Z,4.5nm,0.4s,baz=188,slow=19,SNR=2.5			LR	07 15 29.5	
ROSC	comp=Z,1.17nm,20.8s,baz=212,slow=39			LR		
ROSC	comp=Z,4.5nm,0.4s			LR		
MCPB	Macapa, AP	25.52 43	eP	Pn	07 04 40.2	-0.2
PLMC	San Jos del P	25.62 343	eP	Pn	07 04 41.8	+0.4
COYC	Coyhaique	25.77 185	P	Pn	07 04 42.2	-0.1
COYC	comp=Z,2.9nm,0.9s			IAMB	07 04 44.2	
RUSC	La Rusia	25.90 351	eP	Pn	07 04 44.7	+0.4
SJMB	Sao Joao De Ma	26.29 92	eP	Pn	07 04 46.9	-0.4
CBCC	Ciudad Boliver	26.47 344	eP	Pn	07 04 49.4	+0.3
ALFO	Guarapes	26.57 351	eP	Pn	07 04 50.2	-0.2
BARC	Barichara	26.60 351	eP	Pn	07 04 50.2	-0.2
PTBC	PUERTO BERRIO,	26.77 348	eP	Pn	07 04 49.2	-2.4
TMAB	Tom-Au,PA,Br	26.83 52	eP	Pn	07 04 52.2	0.0
ZARC	Zaragoza, Cauc	27.17 348	eP	Pn	07 04 57.9	-2.7
GUAD	Guaranda	27.39 348	eP	Pn	07 04 57.9	-2.7
SDV	Santo Domingo	28.61 357	P	Pn	07 05 07.1	-1.0
SDV	comp=Z,6.0nm,0.5s,baz=189,slow=11,SNR=4.2			LR	07 17 38.4	
SDV	comp=Z,1.14nm,19.8s,baz=170,slow=38			LR		
SDV	Santo Domingo	28.61 357	P	Pn	07 05 06.6	-1.5
SDV	Santo Domingo	28.61 357	eP	Pn	07 05 07.5	-0.7
BAUV	El Baul	28.63 2	P	Pn	07 05 07.4	-0.8
BAUV	comp=Z,5.4nm,1.0s			IAMB	07 05 08.7	
MDP	Montagnes des	29.57 35	P	Pn	07 05 15.9	-0.6
MDP	comp=Z,2.2nm,1.2s,baz=121,slow=12,SNR=5.3			LR		
PCRV	Puerto La Cruz	30.15 9	P	Pn	07 05 21.4	-0.3
MG02	Cerro Sombrero	32.86 180	P	Pn	07 05 46.9	+1.9
EFI	East Falkland	32.90 167	P	Pn	07 05 46.1	+0.7
EFI	comp=Z,2.9nm,0.9s			max		
JTS	Las Juntas de	33.82 331	LR	LR	07 19 59.1	
MG03	comp=Z,8.3nm,20.4s,baz=155,slow=36			IAMB		
MG03	Isla Dawson	33.95 182	P	Pn	07 05 55.5	+1.0
BIM	Bigot	35.04 13	P	Pn	07 05 02.6	-1.7
RCMB	Riachuelo	35.08 71	eP	Pn	07 05 06.5	+0.7
FDV	Fort de France	35.23 13	P	Pn	07 05 04.4	-1.7
FDV	Fort de France	35.23 13	P	Pn	07 05 04.4	-1.6
FDV	comp=Z,5.7nm,1.1s			max		
FDV	Fort de France	35.23 13	P	Pn	07 06 04.1	-1.9
CRPR	Cabo Rojo, PR	37.87 5	P	Pn	07 06 25.0	-1.5
HUMP	Col San Antoni	37.89 5	P	Pn	07 06 27.0	-1.1
AOPR	Arcebio Observ	38.03 3	P	Pn	07 06 28.6	-1.0
AOPR	comp=Z,3.2nm,1.0s			IAMB	07 07 01.9	
PCDR	Punta Cana, DR	38.14 1	P	Pn	07 06 30.7	+0.2
LRAL	Lakeview Retre	55.33 342	P	Pn	07 08 44.9	+0.7

LRAL	comp=Z,4.1nm,1.9s			IAMB	IAMB	07 10 39.9
W50A	Signal Mountai	56.90 344	P	P	P	07 08 54.8 -0.6
W50A	comp=Z,1.5nm,1.1s			IAMB	IAMB	07 09 01.3
TKL	Tuckaleechea C	56.95 346	LR	LR	07 04 53.4	
CLTN	Cedars of Leba	58.01 343	P	P	07 09 04.1 +1.0	
CLTN	comp=Z,7.9nm,0.9s			IAMB	IAMB	07 09 09.8
SS4A	Dingess, Beckl	58.50 349	P	P	07 09 07.1 +0.5	
SS4A	comp=Z,3.5nm,1.2s			IAMB	IAMB	07 09 36.4
TXAR	Lajitas Array	59.23 325	P	P	07 09 12.3 +0.5	
TXAR	comp=Z,1.4nm,0.9s,baz=140,slow=7.0,SNR=12			pP	pP	07 09 40.1 +0.4
TXAR	comp=Z,1.9nm,1.1s,baz=142,slow=6.3,SNR=4.1			pP	pP	07 09 12.1 +0.2
TXAR	Lajitas Array	59.23 325	P	P	07 09 12.1 +0.2	
TXAR	Lajitas Array	59.23 325	P	P	07 09 12.1 +0.2	
TX32	Lajitas Array	59.23 325	P	P	07 09 11.9 +0.1	
TX32	comp=Z,1.4nm,1.8s			IAMB	IAMB	07 09 46.8
X37A	Clayton	59.66 335	P	P	07 09 15.5 +0.9	
X37A	comp=Z,1.5nm,0.9s			IAMB	IAMB	07 09 16.7
ABTX	Abilene, Hawle	59.84 330	P	P	07 09 16.4 +0.5	
ABTX	comp=Z,1.1nm,0.9s			IAMB	IAMB	07 09 45.7
P53A	Whipple	60.16 349	P	P	07 09 18.2 +0.3	
P53A	comp=Z,2.2nm,1.0s			IAMB	IAMB	07 09 25.7
BELA	Belgrano 2	60.38 172	P	P	07 09 20.5 +1.4	
BELA	comp=Z,2.8nm,1.3s			IAMB	IAMB	07 09 25.3
CCM	Cathedral Cave	61.28 340	P	P	07 09 25.5 0.0	
CCM	comp=Z,1.1nm,1.1s			IAMB	IAMB	07 09 26.4
CCM	Cathedral Cave	61.28 340	P	P	07 09 25.5 0.0	
CCM	comp=Z,1.1nm,1.1s			max	max	07 09 25.5 0.0
CCM	Cathedral Cave	61.28 340	P	P	07 09 24.7 -0.8	
OK052	Battle Ridge R	61.46 335	P	P	07 09 26.9 +0.1	
OK052	comp=Z,1.7nm,0.5s			IAMB	IAMB	07 09 28.1
VNA3	Neumayer Olymp	61.66 162	P	P	07 09 28.6 +0.8	
R40A	Madies Statio	61.82 339	P	P	07 09 28.9 -0.3	
SNA4	Sanae	63.86 161	P	P	07 09 43.8 +1.4	
SNA4	Sanae	63.86 161	P	P	07 09 43.5 +1.1	
SNA4	comp=Z,2.7nm,1.3s			IAMB	IAMB	07 09 46.2
SNA4	Sanae	63.86 161	eP	Pn	07 09 44.1 +1.7	
SNA4	comp=Z,2.24nm,1.2s			max	max	07 09 44.1 +1.7
SADO	Sadowa	64.97 352	LR	LR	07 41 13.5	
SADO	comp=Z,4.9nm,18.0s,baz=80,slow=39			LR	LR	07 41 13.5

25d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, AB31 Akbulak array, KURBB Kurchatov Arra, etc.

Summary text for station groups: IDC 25 07:19:44.4+3.36:95N:71.78E, h95km, 27km, mb3.7/10, mbmp4.1/15, Error ellipse: s-maj=45.6km s-min=18.8km az=156.0

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Garm, Karanyk, Chuyangaron, Batken, etc.

2017 MAR

Main station list table for 2017 MAR with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUDL Kundal, GEYT Alibeck, GEYT Alibeck, etc.

1428

Main station list table for 1428 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like INK Inuvik, INK Inuvik, K20K Telida, etc.

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like IMON, TABS, AFRZ, etc.

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like ANNA, ANTO, ANTO, etc.

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like TEOL, WTTA, WATA, etc.

GEN 25 07:43:29.1, 44:16N:11:15E, h12km, 1km, M1.8
ROM 25 07:43:14.7, 0.1, 44:148N:0.005E:11:130E:0.007,
h9km, M1.1, 9.25, 7C-3D, Error ellipse: s-maj=0.6km
s-min=0.5km az=193.0, Northern Italy

25d 8h

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Date, Time, Azimuth Error, Azimuth Unit, Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Date, Time, Azimuth Error, Azimuth Unit. Includes stations like DMN Daman, Q16K King Salmon, Q17K Kokwok River B, etc.

2017 MAR

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Date, Time, Azimuth Error, Azimuth Unit, Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Date, Time, Azimuth Error, Azimuth Unit. Includes stations like H23K Yukon River, TCOL CIGO, UAF Yank, COLA College, etc.

1432

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Date, Time, Azimuth Error, Azimuth Unit, Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Unit, Date, Time, Azimuth Error, Azimuth Unit. Includes stations like T33K Petersburg, M30M Minto, Yukon, M30M Minto, Yukon, N31M Braeburn, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Spring Creek 3, Hailey, Missoula, Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fontana Vidola, Monte La Croce, Scarperia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRIS BRIS, POPM Popiglio, MTRZ Monterenzio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fontana Vidola, Monte La Croce, Scarperia, etc.

IGL 25 08:52:50.4, 39:85N, 13:09W, h25km, ML2.9
LDG 25 08:52:51.6, 0.2, 39:92N, 13:04W, h20km, M3.6/5, Error ellipse: s-maj=4.0km s-min=2.4km az=61.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMAFR Mafra, PCAS Casmilio, COI Coimbra, etc.

Table with columns: STKA, LR, LR, 09 24 43.6, and various station names like Stephens Creek, Ouen Island, etc.

Table with columns: JHU2, Mitsune, 38.45 352, P, P, 09 14 58.6 -0.5, and various station names like Pangkal Pinang, Rocky Gully, etc.

Table with columns: KULM, Kulim, 45.92 282, P, P, 09 15 59.3 -0.9, and various station names like Scrubby Hill, Ermo, etc.

25d 9h

2017 MAR

1436

XAN	comp=Z,300nm,16.0s	52.07 321	↑P	P	09 16 46.8	0.0
XAN	Xi'an			P	09 17 08.8	-0.4
XAN				S	09 24 00.8	-3.2
XAN	comp=Z,55nm,0.9s			pmax		
XAN	comp=Z,150nm,7.3s			pmax		
XAN	comp=Z,230nm,18.9s			LR		
XAN	comp=Z,200nm,19.2s			LR		
XAN	comp=Z,520nm,22.3s			LR		
BJT	Baijiatuu	52.43 332	↑P	P	09 16 48.6	-0.7
BJT	Baijiatuu			IAMB	09 17 12.7	
BJT	Baijiatuu	52.43 332	↑P	P	09 16 48.6	-0.7
BJT	Beijing	52.45 332	↑P	P	09 16 49.0	-0.4
BJI				pP	09 17 10.8	-1.0
BJI				sP	09 17 20.0	-2.1
BJI				S	09 24 08.0	-0.7
BJI	comp=Z,11nm,0.9s			S		
BJI	comp=Z,54nm,3.5s			pmax		
BJI	comp=Z,110nm,16.4s			LR		
BJI	comp=Z,110nm,17.2s			LR		
BJI	comp=Z,210nm,21.0s			LR		
PZH	PanZhiHua	52.74 309	↑P	P	09 16 52.3	+0.3
PZH				sP	09 17 28.0	+3.4
PZH				S	09 24 13.5	-0.1
PZH				sS	09 24 52.0	+0.2
PZH				ScS	09 25 32.5	-1.0
PZH				SS	09 27 51.0	-2.5
PZH	comp=Z,10.0nm,0.5s			pmax		
PZH	comp=Z,90nm,5.1s			pmax		
PZH	comp=Z,460nm,23.7s			LR		
PZH	comp=Z,440nm,23.7s			LR		
BNX	BinXian	53.19 344	↑P	P	09 16 54.0	-0.8
CD2	Chengdu	53.60 315	↑P	P	09 16 59.5	+1.4
CD2				S	09 24 25.8	+0.9
CD2				sS	09 25 07.5	+5.4
CD2	comp=Z,30nm,0.7s			pmax		
TNCH	TengChong	54.60 306	eP	P	09 17 07.8	+2.1
TNCH	Hu-ho-hao-te	55.33 329	eP	P	09 17 30.0	+1.8
HHC				P	09 17 11.0	+0.4
HHC				S	09 24 47.3	-0.7
HHC				SS	09 28 30.5	-3.4
HHC	comp=Z,52nm,0.9s			pmax		
HHC	comp=Z,190nm,4.3s			pmax		
HHC	comp=Z,610nm,19.7s			LR		
HHC	comp=Z,950nm,20.3s			LR		
RAR	Rarotonga	55.38 112	LR	LR	09 39 36.5	
KLR	Kuldur	55.49 349	↑P	P	09 17 11.6	+0.2
KLR	Kuldur	55.49 349	d/P	P	09 17 11.2	-0.2
KLR	XiLinHaoTe	55.56 335	eP	P	09 17 11.5	-0.7
XLT				pP	09 17 34.5	-0.3
XLT				sP	09 17 45.8	+0.7
XLT				S	09 24 49.5	-1.4
XLT				sS	09 25 30.8	+2.4
XLT				SS	09 28 34.0	-3.4
XLT	comp=Z,14nm,0.8s			pmax		
XLT	comp=Z,150nm,6.1s			LR		
XLT	comp=Z,220nm,14.8s			LR		
XLT	comp=Z,290nm,23.0s			LR		
TYV	Tymovskoe	55.87 358	eS	P	09 17 14.9	+0.8
TYV				eS	09 24 58.4	+3.9
TYV	comp=Z,200nm,2.4s			pmax		
TYV	comp=Z,48nm,1.0s			pmax		
TYV	comp=N,300nm,8.3s			smax		
TYV	comp=E,300nm,8.3s			smax		
BTO	Baotou	55.96 328	eP	P	09 17 16.8	+1.7
BTO				pP	09 17 38.3	+0.5
BTO				sP	09 17 49.8	+0.7
BTO				P	09 19 15.8	-1.9
BTO				S	09 24 59.3	+3.0
BTO				sS	09 25 38.0	+4.3
BTO	comp=E,59nm,1.0s			pmax		
BTO	comp=E,490nm,6.5s			pmax		
BTO	comp=E,1µm,21.1s			LR		
BTO	comp=E,810nm,18.6s			LR		
BTO				LR		
GRNR	Gornyy	56.27 353	↑P	P	09 17 17.4	+0.5
GRNR				eS	09 25 02.8	+3.0
GRNR	comp=E,3.0nm,1.2s			pmax		
GRNR	comp=N,8.0nm,1.1s			pmax		
GRNR	comp=Z,20nm,1.1s			pmax		
GRNR	comp=E,3.0nm,0.9s			smax		
LZH	Lanzhou	56.59 320	eP	P	09 17 24.5	-0.2
LZH				pP	09 17 43.3	+1.0
LZH				sP	09 17 51.3	-1.2
LZH				S	09 25 06.3	+1.4
LZH				sS	09 25 46.5	+4.3
LZH	comp=E,70nm,1.2s			pmax		
LZH	comp=E,170nm,5.5s			pmax		
HEH	HeiHe	57.37 346	eP	P	09 17 24.5	-0.2
HEH				pP	09 17 46.5	-1.0
HEH				PcP	09 19 15.8	-1.9
HEH				S	09 25 12.3	-2.1
HEH	comp=E,23nm,1.0s			pmax		
HEH	comp=E,160nm,4.9s			pmax		
HIA	Hailar	58.66 341	↑P	P	09 17 33.7	-0.1
HIA	Hailar	58.66 341	↑P	P	09 17 33.7	-0.1
HIA	comp=Z,55nm,1.2s			pmax		
PEA0B	Petropavlovsk-	58.99	9	P	09 17 37.0	+1.1
PEA0B	Petropavlovsk-	58.99	9	P	09 17 36.6	+0.6
PEA0B	Petropavlovsk-	58.99	9	P	09 17 36.0	0.0
PETK	comp=Z,49nm,0.8s,baz=177,slow=9.0,SNR=98			LR	09 38 29.0	
PETK	comp=Z,148nm,21.9s,baz=185,slow=31			LR	09 47 20.6	
PETK	comp=Z,4.7nm,1.0s,baz=58,slow=6.9,SNR=3.8			PKP2bc		
PETK	comp=Z,48nm,0.8s			PKP2bc		

PETK	Petropavlovsk-	58.99	9	P	09 17 36.2	+0.2
PETK	Petropavlovsk-	58.99	9	P	09 17 36.2	+0.2
PETK	Petropavlovsk-	59.05	9	P	09 17 36.8	+0.4
PET	comp=Z,68nm,1.4s			IAMB	09 17 37.8	
PET	Petropavlovsk	59.05	9	eP	09 17 36.5	+0.1
PET				eS	09 25 32.3	-3.8
PET	comp=Z,24nm,0.6s			pmax		
PET	Petropavlovsk	59.05	9	P	09 17 36.3	-0.1
PET				sP	09 18 06.3	-3.2
BRDH	Bariadhala	59.41 300	LR	LR	09 48 41.5	
SHL	Shilong	60.28 303	↑P	P	09 17 45.5	-0.1
SHL	comp=Z,22nm,0.9s			IAMB	09 18 15.4	
SHL	Shilong	60.28 303	↑P	P	09 17 45.5	-0.1
ZEa	comp=Z,22nm,0.9s			e	09 17 48.0	+0.6
ZEa	Zeya	60.66 348	eP	P	09 18 10.1	
ZEa				eS	09 25 59.7	+2.9
ZEa	comp=E,10.0nm,0.8s			pmax		
ZEa	comp=N,40nm,0.9s			pmax		
ZEa	comp=Z,70nm,0.8s			pmax		
ZEa	comp=N,100nm,6.1s			smax		
GTA	Gaotai	61.13 321	eP	P	09 17 51.8	+0.7
GTA				pP	09 18 15.3	+1.3
GTA				S	09 26 05.3	+1.8
GTA	comp=N,17nm,1.4s			pmax		
GTA	comp=N,120nm,14.5s			LR		
GTA	comp=N,140nm,16.7s			LR		
GTA	comp=N,140nm,16.7s			LR		
KIP	Kipapa	61.38 62j	eP	P	09 17 54.7	+1.8
KIP	comp=Z,79nm,1.3s			pmax		
KIP	Kipapa	61.38 62	↑P	P	09 17 53.8	+1.0
KIP				pP	09 18 15.7	0.0
KIP				sP	09 18 24.0	-1.8
LSA	Lhasa	62.51 307	↑P	P	09 17 58.3	-2.7
LSA				pmax		
SHEM	Shemya Is. Ala	62.59 19	↑P	P	09 18 01.2	+0.8
SHEM	comp=Z,7.0nm,0.5s			LR	09 42 10.3	
SHEM	comp=Z,116nm,19.2s,baz=322,slow=33			LR		
SHEM	comp=Z,161nm,0.9s			PKP2bc		
ULN	Ulaanbaatar	62.66 332	↑P	P	09 18 00.7	-0.4
ULN	comp=Z,28nm,1.1s			IAMB	09 18 26.1	
ULN	Ulaanbaatar	62.66 332	d/P	P	09 18 01.4	+0.2
GOMU	GeErMu	62.72 315	↑P	P	09 18 04.8	+2.7
GOMU	comp=Z,11nm,0.8s			pmax		
GOMU	comp=Z,53nm,4.8s			pmax		
SONM	Songino Array	62.95 332	↑P	P	09 18 03.6	+0.6
SONM	comp=Z,6.7nm,0.8s,baz=158,slow=7.3,SNR=35			LR	09 44 36.3	
SONM	comp=Z,210nm,20.8s,baz=128,slow=35			PKP2bc	09 47 11.2	
SONM	comp=Z,4.2nm,1.1s,baz=267,slow=2.0,SNR=15			PKP2bc		
SONM	comp=Z,6.7nm,0.8s			PKP2bc		
SONM	Songino Array	62.95 332	↑P	P	09 18 03.0	0.0
SONM	comp=Z,48nm,1.5s			IAMB	09 18 27.8	
ODAM	Odare	64.50 303	eP	P	09 18 13.9	+0.1
PPT	Papeete	64.61 107	LR	LR	09 42 53.6	
TBI	Tubuai	65.11 113	eP	P	09 18 20.0	+2.4
TBI	comp=Z,337nm,34.0s			eS	09 26 53.3	-0.2
TBI	comp=Z,443nm,30.2s			eLR	09 37 58.5	
TBI	comp=Z,2µm,36.2s			eLR	09 37 58.7	
RAMN	Ramite	65.19 303	eP	P	09 18 18.0	-0.4
CASY	Casey	65.64 195	↑P	P	09 18 20.6	+0.5
PALK	Pallekele	65.77 280	↑P	P	09 18 22.5	+0.4
PALK	Pallekele	65.77 280	↑P	P	09 18 22.5	+0.4
JIRN	Jiri	65.78 303	eP	P	09 18 22.1	-0.2
GUN	Gumba	66.13 303	eP	P	09 18 24.6	+0.1
ZAK	Zakamensk	66.19 332	eP	P	09 18 24.2	+0.1
PKI	Pulchoki	66.40 303	eP	P	09 18 25.7	-0.5
PKIN	Phulchoki	66.42 303	eP	P	09 18 26.2	0.0
KNK	Kakani	66.58 303	eP	P	09 18 26.5	-0.7
DMN	Daman	66.67 303	eP	P	09 18 27.9	+0.1
GKN	Gorkha	67.19 303	eP	P	09 18 30.7	-0.3
BOD	Bodaibo	67.73 342	eP	P	09 18 32.8	-0.7
BOD	comp=Z,59nm,1.4s			pmax		
KOLN	Koldanda	67.98 303	eP	P	09 18 34.6	-1.5
DANN	Dangsing	68.04 303	eP	P	09 18 35.8	-0.7
YAK	Yakutsk	68.11 352	↑P	P	09 18 36.1	+0.3
YAK	comp=Z,24nm,0.5s,baz=151,slow=2.2,SNR=8.4			LR	09 49 15.3	
YAK	comp=Z,44nm,18.4s,baz=246,slow=37			LR		
YAK	comp=Z,24nm,0.5s			P	09 18 35.9	0.0
YAK	Yakutsk					

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like O18K Koktuh Hills, USP Osenovka, KDAK Kodiak Island, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like SCM Sheep Creek Mo, MCK McKinley, EYAK Korydov Ski Ar, NEA2 Nenana, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like H27K Steamboat Moun, C26K Camden Bay, G27K Doyon Strip, etc.

KAN09	Caldwell North	0.87 358	IAML	Pg	11 33 29.0	0.0
KAN09	Caldwell North				11 33 42.5	
OKCSW	OKLAHOMA CITY	0.87 172	Pg	Pg	11 33 29.0	0.0
OK038	West end EOTY	0.96 283	Pg	Pg	11 33 30.7	-0.2
DEOK	Depew	0.97 116	Pg	Pg	11 33 30.6	-0.4
OK035	E0210 Rd and N OK035	1.31 299	Pg	Pg	11 33 30.9	-0.9
FNO	Franklin	1.02 172	IAML	Pg	11 33 31.6	-0.3
FNO	Franklin				11 33 55.6	
T35A	Sooner Cattle	1.07 53	Pg	Pg	11 33 32.5	-0.5
T35A	Sooner Cattle				11 33 48.3	
T35A	Sooner Cattle	1.07 53	IAML	Pg	11 33 52.1	
T35B	Sooner Cattle	1.07 53	P	Pg	11 33 32.5	-0.5
T35B	Sooner Cattle				11 33 46.7	-0.2
U32A	Winter Ranch,	1.16 276	IAML	Pg	11 33 34.0	-0.6
U32A	Winter Ranch,				11 33 52.8	
U32A	Winter Ranch,	1.16 276	IAML	Pg	11 33 55.9	
U32A	Winter Ranch,	1.16 276	P	Pg	11 33 34.0	-0.6
U32A	Winter Ranch,				11 33 49.9	+0.4
W35A	Teacumseh	1.25 153	Pg	Pg	11 33 35.5	-0.8
TUL1	Leonard	1.49 103	Pn	Iamb_Lg	11 33 39.1	-0.8
TUL1	Leonard				11 34 01.8	
TUL1	Leonard	1.49 103	P	Pn	11 33 39.2	-0.8
TUL1	Leonard				11 33 59.5	-0.4
ELIS	Ellis County	1.50 263	Pb	Pn	11 33 40.0	-0.2
X34A	Smith Ranch, M	1.68 187	Iamb_Lg	Pb	11 33 43.4	+0.4
X34A	Smith Ranch, M				11 34 08.1	
WMOK	Wichita Mounta	1.81 213	Pn	Pn	11 33 44.5	0.0
WMOK	Wichita Mounta	1.81 213	P	Pn	11 33 44.5	0.0
WMOK	Wichita Mounta				11 34 08.9	-0.5
RLO	Rose Lookout	2.07 92	Iamb_Lg	Pb	11 33 48.9	+0.9
RLO	Rose Lookout				11 34 20.4	
LOOK	Love County	2.29 172	Iamb_Lg	Pn	11 33 52.5	+1.4
LOOK	Love County				11 34 51.5	
R32A	Long Quarter,	2.33 338	P	Pn	11 33 51.3	-0.3
R32A	Long Quarter,				11 34 20.7	0.0
X37A	Clayton	2.46 132	Iamb_Lg	Pn	11 33 53.1	-0.3
X37A	Clayton				11 34 33.2	
X37A	Clayton	2.46 132	P	Pn	11 33 52.9	-0.4
X37A	Clayton				11 34 24.2	+0.4
U38A	Gravette	2.58 85	P	Pn	11 33 55.4	+0.4
U38A	Gravette				11 34 27.7	+0.8
WTF5	Wichita Falls	2.60 197	Iamb_Lg	Pn	11 34 42.4	
KSU1	Kansas State U	2.93 15	P	Pn	11 34 51.5	
KSU1	Kansas State U	2.93 15	P	Pn	11 33 60.0	+0.2
HHAR	Hobbs	2.94 89	P	Pn	11 33 59.3	-0.6
HHAR	Hobbs				11 34 36.9	+1.2
Z35A	Perch Owen, San	2.94 175	S	Pn	11 34 00.3	+0.3
Z35A	Perch Owen, San				11 34 36.4	+0.6
CBK5	Cedar Bluff	3.07 327	P	Pn	11 34 01.7	-0.1
FW03	Perrin-Whitt E	3.25 187	Iamb_Lg	Pn	11 34 59.2	
FW06	Azle	3.29 180	Iamb_Lg	Pn	11 35 05.9	
FW07	Weatherford	3.56 183	Iamb_Lg	Pn	11 35 10.3	
AMTX	Amarillo	3.62 249	Iamb_Lg	Pn	11 35 13.6	
AMTX	Amarillo	3.62 249	P	Pn	11 34 09.8	+0.5
S39A	Bolivar	3.69 66	Iamb_Lg	Pn	11 35 14.3	
M1AR	Mount Ida	3.69 117	Iamb_Lg	Pn	11 35 12.9	
FW16	Waxahatchie	3.82 171	Iamb_Lg	Pn	11 35 16.3	
FW14	Alvarado	3.87 175	Iamb_Lg	Pn	11 35 21.5	
FW13	Cleburne	3.91 178	Iamb_Lg	Pn	11 35 21.3	
WHAR	Woolly Hollow	4.41 101	Iamb_Lg	Pn	11 35 40.7	
WLAR	White Oak Lake	4.48 124	Iamb_Lg	Pn	11 35 46.6	
UALR	University of	4.52 108	Iamb_Lg	Pn	11 35 41.4	
POST	Post	4.54 226	Iamb_Lg	Pn	11 35 43.4	
P38A	Dawn	4.63 42	Iamb_Lg	Pn	11 35 41.7	
MSTX	Muleshoe	4.84 243	Iamb_Lg	Pn	11 35 53.5	
NATX	Nacogdoches	5.11 151	Iamb_Lg	Pn	11 36 05.3	
BGNE	Belgrade	5.15 355	Iamb_Lg	Pn	11 36 03.4	
LCAR	Lake Charles	5.20 90	Iamb_Lg	Pn	11 36 05.2	
T42A	Van Buren	5.27 80	Iamb_Lg	Pn	11 36 06.9	
CCM	Cathedral Cave	5.36 69	Iamb_Lg	Pn	11 36 04.3	
P40A	Paris	5.45 52	Iamb_Lg	Pn	11 36 09.1	
435B	Jarrell	5.47 180	Iamb_Lg	Pn	11 36 14.5	
T25A	Trinidad	5.56 281	Iamb_Lg	Pn	11 36 24.7	
N38A	Joos	5.66 36	Iamb_Lg	Pn	11 36 20.2	
L34A	Svensden Farm,	5.77 9	Iamb_Lg	Pn	11 36 31.0	
OGNE	Ogallala	5.83 325	Iamb_Lg	Pn	11 36 27.6	
ODSA	Odessa	5.84 226	Iamb_Lg	Pn	11 36 32.5	
JCT	Junction City	6.07 198	Iamb_Lg	Pn	11 36 37.7	
CGM3	Cape Girardeau	6.44 78	Iamb_Lg	Pn	11 36 37.6	
Q24A	Divide	6.58 296	Iamb_Lg	Pn	11 36 47.1	
BRIGG	Briggsdale	6.82 311	Iamb_Lg	Pn	11 36 53.6	
SIUC	Southern Ilin	6.84 75	Iamb_Lg	Pn	11 37 01.2	
P43A	Skaggs	7.20 60	Iamb_Lg	Pn	11 37 06.4	
ISCO	Idaho Springs	7.25 301	Iamb_Lg	Pn	11 37 08.0	
K38A	Parkersburg	7.38 29	Iamb_Lg	Pn	11 37 16.6	
L40A	Anamosa	7.61 39	Iamb_Lg	Pn	11 37 12.7	
PHWY	Pilot Hill	7.94 312	Iamb_Lg	Pn	11 37 29.7	
Y22D	IRIS PASCAL I	7.96 257	Iamb_Lg	Pn	11 37 46.5	
N23A	Red Feather La	8.02 308	Iamb_Lg	Pn	11 37 40.4	
044A	Mansfield	8.15 59	Iamb_Lg	Pn	11 37 36.0	
SUSD	Miller	8.23 353	Iamb_Lg	Pn	11 37 37.1	

I37A	Lemond, Waseca	8.37 21	Iamb_Lg	Pn	11 37 43.4	
L42A	Oliver, Polo	8.40 45	Iamb_Lg	Pn	11 37 45.8	
JFWS	Jewell Farm	8.72 38	Iamb_Lg	Pn	11 37 49.2	
NOU 25 11:50:33.6, 37:70S; 178:01E, h22km, MLv3.5/6, Off E.						
Coast of N. Island, N.Z.						
WEL 25 11:50:38.5, 0.3, 38.5, 3.17, 8E; h28km, 2km, M2, 9/38,						
ML3.2/50, MLv2.9/38, Error ellipse: s-maj=0.0km						
s-min=0.0km az=33.2, confirmed						
ISC 25 11:50:38.9, 1.0, 37.79S; 0.003:177.54E, 0.03, h32km, 8km,						
n91, e1811/102, Off east coast of North Island						
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s I
HAZ	Te Kaha	0.19 80	Op	Pn	11 50 45.7	+0.2
RUGZ	Raukumara Rang	0.21 149	P	Pn	11 50 45.8	-0.1
RUGZ	Raukumara Rang				11 50 51.5	+1.4
WIZ	White Island S	0.38 313	P	Pn	11 50 48.0	-0.1
WIZ	White Island S				11 50 55.6	+1.1
WSRZ	White Island S	0.40 313	P	Pn	11 50 59.9	+1.5
PKGZ	Pakihiroa	0.43 103	P	Pn	11 50 47.9	-0.5
WHRZ	Whale Island	0.45 261	P	Pn	11 50 49.6	+0.4
WHRZ	Whale Island				11 50 58.0	+1.7
TWGW	Tauwharepareae	0.52 138	P	Pn	11 50 50.2	+0.1
MTAW	Matawai	0.55 181	P	Pn	11 50 50.0	-0.1
MWVZ	Matawai				11 50 58.8	+0.2
URZ	Urewera	0.58 216	P	Pb	11 50 50.7	0.0
URZ	Urewera				11 50 50.8	0.0
PUZ	Puketitii	0.63 117	P	Pn	11 50 51.4	-0.2
PUZ	Puketitii				11 51 01.8	+1.1
MXZ	Matakaoa Point	0.65 70	P	Pn	11 50 50.8	-0.1
WMGZ	Waiomatatini S	0.69 93	P	Pn	11 50 52.3	-0.2
WMGZ	Waiomatatini S				11 51 02.4	+2.1
TKGZ	Te Karaka	0.69 160	P	Pn	11 50 52.9	+0.5
TKGZ	Te Karaka				11 51 05.8	+3.7
EDRZ	Edgecumbe	0.71 243	P	Pn	11 51 02.9	+0.1
EDRZ	Edgecumbe				11 51 03.1	+1.1
RAGZ	Rawiri	0.71 188	P	Pn	11 50 53.0	+0.2
MANZ	Manawhē	0.71 254	P	Pb	11 50 52.5	-0.4
MANZ	Manawhē				11 51 03.1	+0.5
CNGZ	Carnagh Statio	0.87 143	P	Pn	11 50 54.9	0.0
MURZ	Murupara	0.92 221	P	Pn	11 50 54.2	0.2
RIGZ	Rimuhau	0.93 169	P	Pn	11 50 55.7	-0.1
TARZ	Mount Tarawera	0.93 241	P	Pn	11 50 56.0	+0.2
RTZ	Ruatahuna	0.94 208	P	Pn	11 50 55.4	-0.5
LIRZ	Lichensteins R	0.94 256	P	Pn	11 50 56.1	-0.1
RRRZ	Republican Roa	0.98 236	P	Pn	11 50 56.4	-0.1
SNRZ	Shannon Statio	1.00 187	P	Pn	11 50 57.5	-0.3
TGRZ	Tauranga	1.02 273	P	Pn	11 50 56.4	-0.5
KARZ	Kaharoa	1.05 257	P	Pn	11 50 57.3	-0.1
PRRZ	Plateau Road	1.15 232	P	Pn	11 50 58.6	-0.2
MYRZ	Mayor Island	1.15 296	P	Pn	11 50 58.2	-0.5
HRRZ	Hancock Road	1.16 198	P	Pn	11 50 59.2	+0.3
RAHZ	Rangitikei	1.18 198	P	Pn	11 50 59.3	-0.1
MTHZ	Maungataniwha	1.20 207	P	Pn	11 50 59.0	-0.4
ALRZ	Allen Road	1.22 230	P	Pb	11 50 59.6	-0.2
WHZ	Waihua	1.31 191	P	Pb	11 51 02.8	-0.1
MRHZ	Matea Rd	1.37 220	P	Pn	11 51 01.4	-0.4
MRHZ	Matea Rd				11 51 02.4	-0.2
NMHZ	Nauaimua	1.43 204	P	Pn	11 51 03.0	+0.4
ARHZ	Arapoanui	1.53 196	P	Pn	11 51 04.4	+0.4
BKZ	Black Stump Fm	1.60 211	P	Pn	11 51 05.5	+0.5
BKZ	Black Stump Fm				11 51 04.5	-0.5
TOZ	Tahuroa Road	1.62 271	P	Pn	11 51 04.6	-0.5
TLZ	Tolley Road	1.67 251	P	Pn	11 51 05.3	+0.3
RITZ	Rihia Road	1.78 228	P	Pn	11 51 07.7	+0.3
MCHZ	McNeill Hill	1.78 202	P	Pn	11 51 08.3	+0.9
KUZ	Kuaotunu	1.79 305	P	Pn	11 51 06.3	-1.2
KUZ	Kuaotunu				11 51 06.3	-1.2
KWVZ	Kawaka Forest	1.82 227	P	Pn	11 51 07.5	+0.3
TMWZ	Te Maari	1.96 227	P	Pn	11 51 10.1	+0.1
NTVZ	North Tongarir	1.96 228	P	Pn	11 51 10.5	+0.4
ETVZ	East Tongarir	1.97 226	P	Pn	11 51 10.2	0.0
OTVZ	Oturere	2.01 226	P	Pn	11 51 10.9	+0.1
BHZZ	Black Hill Sta	2.06 214	P	Pn	11 51 11.1	-0.2
FTIG	Fingert	2.07 227	P	Pn	11 51 12.4	+0.2
KAHZ	Kahurangi	2.07 194	P	Pn	11 51 10.7	-0.8
FWWZ	Far West T-bar	2.14 226	P	Pn	11 51 14.0	+1.4
MOVZ	Moawhango	2.14 220	P	Pn	11 51 11.9	-0.5
WIAZ	Waiheke Island	2.16 297	P	Pn	11 51 12.2	-0.5
WNVZ	Whanaua	2.16 224	P	Pn	11 51 13.6	+0.8
TRVZ	Turua	2.17 252	P	Pn	11 51 14.2	+1.2
HIZ	Haiti	2.24 250	P	Pn	11 51 14.3	+0.6
HIZ	Haiti				11 51 14.3	+0.6
ETAZ	East Tamaki Re	2.24 291	P	Pn	11 51 13.7	-0.1
GRZ	Great Barrier	2.27 312	P	Pn	11 51 13.2	-0.9
SNPZ	Shannon Statio	2.30 189	P	Pn	11 51 15.5	+1.2
PKXZ	Pukarua	2.30 193	P	Pn	11 51 15.2	+1.6
MBAZ	Motutapu North	2.34 295	P	Pn	11 51 15.0	-0.1
PNHZ	Pukeni	2.37 206	P	Pn	11 51 14.8	-0.8
WPHZ	Waipukurau	2.43 200	P	Pn	11 51 15.4	-1.0
VRZ	Vera Road	2.56 238	P	Pn	11 51 19.2	+1.1
PNHZ	Porangahau	2.57 252	P	Pn	11 51 16.5	-1.7
RVAZ	Riverhead Bore	2.57 292	P	Pn	11 51 18.6	+0.3
TSZ	Takapari Road	2.58 208	P	Pn	11 51 17.6	-0.9
DVHZ	Dannevirke	2.73 203	P	Pn	11 51 18.4	-2.1
WAZ	Wanganui	2.80 225	P	Pn	11 51 22.6	+1.1
POWZ	Post Office Ro	2.94 207	P	Pn	11 51 22.8	-0.6
LRZ	Lake Rotokare	2.97 235	P	Pn	11 51 23.1	+1.2
PRWZ	Pori Road	3.02 203	P	Pn	11 51 23.3	-1.2
BFZ	Birch Farm	3.06 199	P	Pn	11 51 23.1	-1.9
BFZ	Birch Farm				11 51 22.9	-

Table with columns: OHR, Ohrid, 0.47 350, iPg, Pg, 13 31 27.6 +0.1, Sb, 13 31 35.7 -1.0, Lb, 13 31 36.4

Table with columns: GRG, Griva, 1.17 74, iPg, Pb, 13 31 41.2 +0.2, IGT, Igoumenitsa, 1.20 202, iPg, Sg, 13 31 41.8 +0.0, IGT, 13 31 54.7 -2.4

ATH 25 13:31:24.7, 38.75N, 20.55E, h17km, 6km, ML1.3/2, Error ellipse: s-maj=13.1km, s-min=0.9km, az=96.0, Greece

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

IDC 25 13:42:19.9, 3.4, 29.36N, 80.64E, h0km, mb3.5/4, mbtmp3.5/6, ML3.8/2, MS3.9/2, Error ellipse: s-maj=126.5km, s-min=22.1km, az=70.0

ISC 25 13:42:22.4, 1.1, 29.3N, 02.8065E, 0.09, h19km, n9, c082/7, mb3.7/4, Nepal-India border region

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

IDC 25 13:49:42.7, 1.0, 39.45S, 174.30E, h198km, 13km, mb3.2/4, mbtmp3.8/6, Error ellipse: s-maj=21.5km, s-min=14.4km, az=121.0

WEL 25 13:49:45.0, 0.6, 39.3S, 17.4E, h204km, 4km, M4.0/78, ML3.5/10, MLv4.0/78, Error ellipse: s-maj=0.0km, s-min=0.0km, az=119.9, confirmed

ISC 25 13:49:40.6, 1.0, 13.49, 40.6, 1.0, 39.45S, 174.30E, h174.24E, 0.05, h236km, 6km, n168, 157/2/177, mb3.4/4, North Island

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

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

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

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

IDC 25 13:51:28.4, 3.1, 28.56S, 62.44E, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=99.0km, s-min=47.9km, az=49.0, Southwest Indian Ridge

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

IDC 25 13:57:33.7, 1.2, 3.82S, 127.46E, h0km, mb3.8/3, mbtmp4.0/6, ML3.9/3, MS3.1/4, Error ellipse: s-maj=27.8km, s-min=14.0km, az=72.0

DJA 25 13:57:36.7, 0.3, 4.3S, 12.7E, h10km, M4.3/17, mb4.6/7, mB4.9/2, MLv4.2/17, Mw(mb)4.2/2

NEIC 25 13:57:37.1, 2.8, 3.86S, 0.07, 127.3E, 0.1, h38km, 15km, mb4.1/7, Error ellipse: s-maj=16.0km, s-min=8.8km, az=115.0

ISC 25 13:57:37.8, 0.7, 3.73S, 0.06, 127.46E, 0.04, h35km, n33, c1996/37, mb3.7/3, Seram

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

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

IDC 25 14:00:58.2, 1.9, 22.42N, 92.79E, h50km, 27km, mb3.4/6, mbtmp3.6/7, ML2.8/1, Error ellipse: s-maj=30.0km, s-min=16.1km, az=45.0

ISC 25 14:00:57.4, 0.9, 22.5N, 02.9279E, 0.08, h35km, n8, c1915/9, mb3.6/6, India-Bangladesh border region

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

ROM 25 14:46:22.0, 0.1, 42.965N, 0.004, 13.231E, 0.007, h8km, ML1.7/15, 14C-3D, Error ellipse: s-maj=0.6km, s-min=0.2km, az=114.0, Central Italy

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR9.93 110 T, H10N1 ASCENSION HYDR9.94 110 T, H10S3 ASCENSION HYDR6.19 112 T, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs 60.23 186 P, NVAR Mina Array Bea 76.16 52 P, PDAR Pinedale Array 78.78 45 P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FAKI Fak Fak 4.60 272 P, BNDI Bandanaira 7.09 258 P, SAUI Saumlaki 7.38 228 P, etc.

JMA 25 14:47:27.8±0.1, 36°6'N, 0°4'±139°9'E±0.6, h119km±1km, MV2.9/40, SOUTHERN TOCHIGI PREF

IDC 25 14:47:28.5±1.5, 36°60'N, 139°81'E, h132km±12km, mb3.1/8, mbmp3.5/10, Error ellipse: s-maj=23.3km s-min=18.6km

IDC 25 14:53:10.3±2.6, 17°50'N, 145°67'E, h282km±27km, mb2.8/5, mbmp3.5/6, Error ellipse: s-maj=43.6km s-min=18.9km

ISC 25 14:47:26.9±0.8, 36°61'N, 0°05'±139°98'E±0.07, h123km±7km, n37°, r153/44, mb3.48, Eastern Honshu

BUI 25 14:57:19.3±0.0, 3°38'S, 137°37'E, h20km, mb5.5/90, m25.9/93, M55.192, M57.015, M57.015, M57.015, h10km, mb5.6

KLM 25 14:57:23.8±1.0, 3°06'S, 136°84'E, h24km, mb5.7/67, M55.210.1, Error ellipse: s-maj=8.1km s-min=4.3km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAG Ashikaga 0.46 246 P, JKT Katashina 0.61 285 P, JKV Yanaizu 0.82 345 P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO Guam 3.85 191 P, WRA Warramunga Arr 38.72 197 P, ASAR Alice Springs 42.38 196 P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RABL Rabaul 15.32 95 P, MRSI Marisa 15.32 283 P, MMRI Maumere 15.56 249 P, etc.

25d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like AS31, ASAR Alice Springs, ASAR Denpasar, ASAR Kota Kinabalu, etc.

2017 MAR

Table with columns for station name, frequency, power, and other technical details. Includes stations like KOUNC Koumang, KOUNC Kota Agung, DSRI Dabo, etc.

1448

Table with columns for station name, frequency, power, and other technical details. Includes stations like KULM Kulim, SKLT Songkhla, JHS Saijo, etc.

NR1K	Noril'sk	79.54 344	P	P	15 09 30.3 +0.3
NR1K	comp-Z, 42nm, 1.0s, baz=129, slow=5.7, SNR=47	LR	LR		15 48 23.9
NR1K	Noril'sk	79.54 344	P	P	15 09 29.5 -0.6
NR1K	comp-Z, 42nm, 1.0s	I Amb	I Amb		15 09 44.7
NR1K	Noril'sk	79.54 344	d/P	pmax	15 09 30.1 +0.1
NR1K	comp-Z, 105nm, 1.3s	pmax	pmax		
R16K	Pilot Point	79.75 30	P	P	15 09 32.1 +0.8
P16K	baz=248, SNR=5.5	80.12 28	P	P	15 09 33.8 +0.5
O16K	Nushagak River	80.29 28	P	P	15 09 35.1 +0.8
N16K	Kokwok River B	80.33 27	P	P	15 09 36.0 +1.5
R17K	Nishik Lake	80.37 30	P	P	15 09 35.2 +0.4
WSAR	Ugashik Creek	80.41 294	LR	LR	15 45 24.4
O17K	Wadi Sarin	80.41 294	LR	LR	15 45 24.4
Q17K	Koliganek Bris	80.83 28	P	P	15 09 38.4 +1.3
Q17K	baz=248	80.85 30	P	P	15 09 37.5 0.0
MAW	Contact Creek	81.11 202	P	P	15 09 38.9 +0.3
MAW	comp-Z, 17nm, 1.1s, baz=94, slow=6.9, SNR=2.8	LR	LR		15 42 38.2
MAW	Mawson	81.11 202	P	P	15 09 39.4 +0.9
MAW	comp-Z, 17nm, 1.1s	pmax	pmax		
Q18K	Mawson	81.11 202	P	P	15 09 39.4 +0.9
Q18K	comp-Z, 7.0nm, 1.0s	81.42 29	P	P	15 09 40.5 0.0
P18K	Katmai Hardscr	81.57 29	I AMs_20	I AMs_20	15 40 22.1
P18K	baz=250	81.57 29	P	P	15 09 41.5 +0.3
O18K	Big Mountain	81.75 28	P	P	15 09 42.3 +0.2
O18K	comp-Z, 948nm, 21.0s	81.75 28	P	P	15 09 42.3 +0.2
OHAK	Koktuh Hills	81.80 31	P	P	15 09 43.5 +1.1
OHAK	baz=249	81.80 31	P	P	15 09 42.7 +0.3
SVW2	Old Harbor	82.02 27	P	P	15 09 43.7 +0.2
SVW2	comp-Z, 35nm, 22.4s	82.02 27	P	P	15 09 45.0 +1.5
RDOC	Sparrevoht	82.11 19	P	P	15 09 44.6 +0.7
Q19K	Red Dog Mine	82.18 29	I AMs_20	I AMs_20	15 40 25.3
Q19K	comp-Z, 2.0um, 21.1s, baz=80, slow=33	82.28 28	P	P	15 09 45.0 +0.2
KDAD	Port Aitsworth	82.34 31	LR	LR	15 42 06.1
KDAD	baz=250	82.34 31	LR	LR	15 42 06.1
KDAD	Kodiak Island	82.34 31	I Amb	I Amb	15 09 46.0 +0.8
KDAD	comp-Z, 846nm, 21.6s, baz=262, slow=32	82.34 31	I Amb	I Amb	15 09 45.8 +0.6
KDAD	Kodiak Island	82.34 31	d/P	pmax	15 09 45.8 +0.6
KDAD	comp-Z, 121nm, 1.6s	82.34 31	d/P	pmax	15 09 45.8 +0.6
KDAD	Kodiak Island	82.34 31	P	P	15 09 45.8 +0.6
N19K	Bonanza Creek	82.42 27	P	P	15 09 46.6 +0.9
N19K	comp-Z, 73nm, 1.4s	82.42 27	I Amb	I Amb	15 09 46.0 +0.3
TTA	Bonanza Creek	82.42 27	P	P	15 09 46.0 +0.3
TTA	baz=250	82.51 25	P	P	15 09 47.5 +1.4
P19K	Tatalina	82.51 25	P	P	15 09 46.8 +0.7
P19K	comp-Z, 1.0um, 22.0s	82.62 29	I AMs_20	I AMs_20	15 41 01.8
P19K	Oil Pt	82.62 29	P	P	15 09 47.4 +0.8
TAOE	Nuku Hiva Isla	82.62 98	eP	P	15 09 48.3 +0.6
TAOE	comp-Z, 35nm, 22.4s	82.62 98	eS	SS	15 25 26.2 -0.1
TAOE	Nuku Hiva Isla	82.62 98	eLR	LR	15 35 40.8
TAOE	comp-Z, 157nm, 31.6s	82.62 98	eLR	LR	15 35 40.8
Q20K	Nuku Hiva Isla	82.62 98	eLR	LR	15 35 40.8
Q20K	comp-Z, 506nm, 26.0s	82.69 30	P	P	15 09 47.6 +0.6
L19K	Shuyak Island	82.73 26	I AMs_20	I AMs_20	15 41 01.8
L19K	baz=252	82.73 26	I AMs_20	I AMs_20	15 41 01.8
L19K	White Mountain	82.73 26	P	P	15 09 47.8 +0.6
L19K	comp-Z, 936nm, 21.0s	82.73 26	P	P	15 09 47.8 +0.6
M19K	White Mountain	82.73 26	P	P	15 09 47.8 +0.6
M19K	baz=249, SNR=20	82.84 26	P	P	15 09 48.6 +0.8
M19K	Big River Lodg	82.84 26	P	P	15 09 48.0 +0.3
GCSA	Big River Lodg	82.84 26	P	P	15 09 48.0 +0.3
GCSA	baz=250	82.84 23	P	P	15 09 47.8 +0.1
GEYT	Galena City Sc	83.01 309	P	P	15 09 49.8 +0.5
GEYT	Alibeck	83.01 309	P	P	15 09 49.8 +0.5
GEYT	comp-Z, 33nm, 1.0s, baz=132, slow=2.2, SNR=52	83.01 309	P	P	15 09 49.8 +0.5
GEYT	comp-Z, 528nm, 21.5s, baz=90, slow=38	83.01 309	P	P	15 09 49.0 -0.2
GEYT	Alibeck	83.01 309	I Amb	I Amb	15 09 54.1
GEYT	comp-Z, 93nm, 1.4s	83.01 309	P	P	15 09 49.0 -0.2
GEYT	Alibeck	83.01 309	pmax	pmax	15 09 49.0 -0.2
GEYT	comp-Z, 93nm, 1.4s	83.01 309	P	P	15 09 50.0 +0.8
GYA0B	ALIBECK ARRAY	83.01 309	I Amb	I Amb	15 09 54.0
O20K	Slope Mountain	83.05 28	P	P	15 09 48.3 -0.7
L20K	baz=252	83.26 26	P	P	15 09 50.6 +0.6
HOM	Farewell, AK	83.39 29	P	P	15 09 50.9 +0.3
M20K	Homer	83.39 27	P	P	15 09 51.8 +1.0
M20K	Styx River	83.39 27	I Amb	I Amb	15 09 57.1
M20K	comp-Z, 40nm, 1.1s	83.39 27	P	P	15 09 50.8 0.0
K20K	Styx River	83.48 25	P	P	15 09 52.3 +1.3
K20K	baz=251	83.48 25	I Amb	I Amb	15 10 08.4
K20K	Telida	83.48 25	I AMs_20	I AMs_20	15 42 27.6
K20K	comp-Z, 75nm, 1.3s	83.48 25	P	P	15 09 52.6 +1.6
CNPM	China Poot	83.54 29	P	P	15 09 51.8 +0.3
CNPM	comp-Z, 143nm, 1.7s	83.54 29	I Amb	I Amb	15 10 07.0
CNPM	comp-Z, 1.0um, 19.0s	83.54 29	I AMs_20	I AMs_20	15 42 14.3
SPRC	Spurr Chakacha	83.59 27	P	P	15 09 53.3 +1.5
SPRC	baz=252	83.78 29	I AMs_20	I AMs_20	15 42 01.3
ABKAR	Bradley Lake	83.80 320	P	P	15 09 52.4 -0.5
BRSE	comp-Z, 838nm, 20.0s	83.85 29	P	P	15 09 54.2 +1.2
CAPN	Bradley Lake S	83.85 29	P	P	15 09 53.4 -0.1
PPLA	Captain Cook N	84.14 26	P	P	15 09 55.0 +0.4
PPLA	baz=253	84.14 26	I Amb	I Amb	15 10 10.8
PPLA	Purkeypile	84.14 26	P	P	15 09 54.5 0.0
PPLA	comp-Z, 101nm, 1.6s	84.14 27	P	P	15 09 54.0 -0.5
SKT	Skwentna	84.14 27	P	P	15 09 54.5 0.0
SKT	baz=252	84.14 27	P	P	15 09 54.5 0.0
SUA	Skwentna	84.34 27	P	P	15 09 55.1 -0.5
SUA	baz=252, SNR=7.6	84.34 27	P	P	15 09 54.9 -0.7
SUA	Susitna One	84.34 27	P	P	15 09 55.1 -0.5
SUA	baz=253, SNR=9.4	84.34 27	P	P	15 09 54.9 -0.7
CAST	Susitna One	84.35 25	P	P	15 09 56.0 +0.5
CAST	Castle Rocks	84.35 25	I AMs_20	I AMs_20	15 42 34.4
CAST	comp-Z, 1.0um, 22.0s	84.35 25	P	P	15 09 55.7 +0.2
CAST	Castle Rocks	84.35 25	P	P	15 09 55.7 +0.2
CHUM	baz=252, SNR=23	84.40 25	P	P	15 09 56.0 +0.3
CHUM	Line Murchum	84.40 25	P	P	15 09 56.7 +0.4
IMAR	baz=251, SNR=17	84.52 23	P	P	15 09 56.7 +0.4
O22K	Indian Mountai	84.54 28	I AMs_20	I AMs_20	15 43 37.8
O22K	Cooper Landing	84.54 28	P	P	15 09 56.7 +0.2
O22K	comp-Z, 852nm, 20.0s	84.54 28	P	P	15 09 57.2 -0.1
RC01	Cooper Landing	84.71 28	I Amb	I Amb	15 10 11.6
RC01	Rabbit Creek A	84.71 28	P	P	15 09 56.8 -0.5

H21K	Melozitna Rive	84.78 23	P	P	15 09 58.7 +1.1
H21K	comp-Z, 46nm, 1.4s	84.78 23	I Amb	I Amb	15 10 13.4
H21K	Melozitna Rive	84.78 23	P	P	15 09 58.0 +0.4
H21K	baz=251	84.80 22	P	P	15 09 58.0 +0.3
G21K	Allakaket	84.83 27	I AMs_20	I AMs_20	15 41 58.4
CUT	Chulitna	84.83 27	P	P	15 09 58.5 +0.6
CUT	comp-Z, 1.0um, 22.0s	84.83 27	P	P	15 09 58.4 +0.1
KTH	Chulitna	84.89 25	I Amb	I Amb	15 10 18.4
KTH	Kantishna Hill	84.89 25	I AMs_20	I AMs_20	15 42 26.6
I21K	comp-Z, 47nm, 1.2s	84.95 24	P	P	15 09 59.2 +0.8
I21K	Tanana	84.95 24	I Amb	I Amb	15 10 14.6
I21K	comp-Z, 1.05nm, 1.7s	84.95 24	P	P	15 09 58.6 +0.2
I21K	Tanana	84.95 24	P	P	15 09 58.6 +0.2
I21K	baz=252, SNR=11	85.02 25	P	P	15 09 59.3 +0.4
BPAW	Bear Paw Mtn.	85.02 25	P	P	15 09 59.3 +0.4
SVE	Sverdiolvsk	85.04 328	eP	eS	15 09 58.8 -0.3
SVE	comp-Z, 58nm, 1.1s	85.04 328	eS	eS	15 20 20.8 -5.7
SVE	Sverdiolvsk	85.04 328	eS	eS	15 20 20.8 -5.7
SVE	comp-Z, 58nm, 1.1s	85.04 328	eS	eS	15 20 20.8 -5.7
SVE	Sverdiolvsk	85.04 328	eS	eS	15 20 20.8 -5.7
F21K	Alaina River	85.05 21	P	P	15 09 59.1 +0.2
PMR	Palmer	85.12 27	P	P	15 09 58.5 -0.9
PMR	comp-Z, 37nm, 1.2s	85.12 27	P	P	15 09 59.6 +0.2
PMR	Palmer	85.12 27	P	P	15 09 58.5 -0.9
PMR	Palmer	85.12 27	P	P	15 09 59.6 +0.2
PMR	comp-Z, 37nm, 1.2s	85.12 27	P	P	15 09 59.6 +0.2
TRF	Palmer	85.13 26	P	P	15 09 59.7 +0.1
TRF	baz=254, SNR=11	85.13 26	P	P	15 44 15.0
TRF	Thorofare Moun	85.13 26	P	P	15 09 58.8 -0.8
TRF	comp-Z, 1.0um, 21.0s	85.13 26	P	P	15 09 58.8 -0.8
AKTO	Aktuyubinsk	85.25 321	LR	LR	15 52 07.7
GHO	Glory Hole Cre	85.27 27	I AMs_20	I AMs_20	15 43 31.8
GHO	comp-Z, 301nm, 18.4s, baz=88, slow=38	85.27 27	I AMs_20	I AMs_20	15 43 31.8
PWL	Port Wells	85.30 28	P	P	15 10 00.0 -0.3
KNK	Knik Glacier	85.39 28	P	P	15 10 00.6 -0.1
KNK	comp-Z, 48nm, 1.0s	85.39 28	I Amb	I Amb	15 10 05.4
KNK	Knik Glacier	85.39 28	P	P	15 10 00.9 +0.1
KNK	baz=255, SNR=21	85.40 24	P	P	15 10 01.1 +0.3
MLY	Manley	85.40 24	P	P	15 10 01.9 +0.1
A21K	Barrow	85.53 17	P	P	15 10 01.5 +0.4
P23K	Montague Islan	85.54 29	P	P	15 10 02.1 +0.6
SML	Samwill	85.55 27	P	P	15 10 02.1 +0.5
SML	comp-Z, 64nm, 1.0s	85.55 27	I Amb	I Amb	15 10 06.1
SML	Samwill	85.55 27	I AMs_20	I AMs_20	15 42 57.3
SML	comp-Z, 979nm, 22.0s	85.55 27	P	P	15 10 01.3 -0.3
F22K	John River	85.62 21	P	P	15 10 02.3 +0.5
RND	Reindeer	85.73 26	P	P	15 10 02.6 +0.2
RND	comp-Z, 33nm, 0.8s	85.73 26	I Amb	I Amb	15 10 07.1
RND	Reindeer	85.73 26	I AMs_20	I AMs_20	15 44 26.0
RND	comp-Z, 906nm, 20.0s	85.73 26	P	P	15 10 02.7 +0.2
RND	Reindeer	85.73 26	P	P	15 10 02.7 +0.2
MCK	McKinley	85.79 25	P	P	15 10 02.5 -0.2
MCK	comp-Z, 33nm, 0.8s	85.79 25	I Amb	I Amb	15 10 07.4
MCK	McKinley	85.79 25	P	P	15 10 02.5 -0.2
MCK	comp-Z, 33nm, 0.9s	85.79 25	P	P	15 10 02.5 -0.2
MCK	McKinley	85.79 25	P	P	15 10 02.2 -0.5
M23K	Glacier View	85.82 27	P	P	15 10 02.7 -0.2
M23K	baz=254, SNR=30	85.82 27	P	P	15 10 02.7 -0.2
NEA2	Nenana	85.96 25	P	P	15 10 03.7 +0.2
I23K	Minto, Yukon-K	86.00 24	P	P	15 10 03.4 -0.3
I23K	comp-Z, 254, SNR=16	86.00 24	P	P	15 10 03.7 0.0
I23K	Minto, Yukon-K	86.00 24	P	P	15 10 03.4 -0.3
I23K	baz=254, SNR=16	86.00 24	P	P	15 10 03.7 0.0
SCM	Sheep Creek Mo	86.02 27	P	P	15 10 03.3 -0.6
SCM	comp-Z, 93nm, 1.2s	86.02 27	P	P	15 10 03.3 -0.6
SCM	Sheep Creek Mo	86.02 27	P	P	15 10 04.2 +0.3
SCM	baz=256, SNR=22	86.02 27	P	P	15 10 04.2 +0.3
ARU	Arti	86.07 327	PP	PP	15 13 25.8 +1.1
ARU	comp-Z, 10nm, 1.0s, baz=134, slow=8.5, SNR=3.6	86.07 327	PP	PP	15 13 25.8 +1.1
ARU	Arti	86.07 327	PP	PP	15 13 25.8 +1.1
ARU	comp-Z, 437nm, 19.5s, baz=92, slow=37	86.07 327	P	P	15 10 03.5 -0.7
ARU	Arti	86.07 327	I Amb	I Amb	15 10 04.9
ARU	comp-Z, 44nm				

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes entries for MTE, SSPA, VT1, PMRV, BLA, PKME, L61B, PVAQ, PAL, HRV, TOAO, TORD, TORD, DWPF, PMOZ, DBOZ, MCRA, BCIP, NNA, ATAH, PB03, PLTB, PB07, LVC, LVC, PAC1, TUMC, TA01, OTAV, OTAV, OTAV, OTAV, CUSE, PIAT, MECA, RODS, ITQB, GR1C, PTAC, CP5B, BCNI, GCUF, BBAC, APAC, POPC, JAMC, AZCA, YOTC, PLMC, ALGR, ALGR, CNLB, CNLB, SJCC, HELC, CPUP, CPUP, CPUP, CPUP, BETC, ANIL, CRSM, CRSM, ZARC, SDDR, NORC, PRAC, ESFA, PTBC, ITAB, ITAB, LPAZ, LPAZ, LPAZ, ROSC, SPBC, MACC, CHIC, FRBT, FRBT, BRAC, BRSC, URIC, PAMC, MCR1, MCR1, PTGB, PTGB, TIJ01, AMBA, AMBA, SDV, SDV, SDV, SDV, CRPR, MLRP, SJG, FRBT, BDQN, BQSD, BQSD, AODD, AODD, SIV, SIV, SIV, PCMB, RVDE, PTLB, SGCB, ITRB, ALF01, PP1B, SAMU, VILB, SALV, TEFE, SJMB, IPMB, ARAG, PDRB, BDFB, BDFB, SIV, CLDB, JANB, BOAV.

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes entries for NPGb, NPGb, SDBA, JMA, TAP, ASIES, Code, Station Name, Az, El, Az, El, Time, Res. Includes entries for TPUB, TPUB, TPUB, WTP, WTP, CHN4, CHN4, TWK, TWK, SNST, CHN1, CHN1, WCKO, WCKO, STYT, STYT, STYH, STYH, SGST, CHY, CHY, CHN2, CHN2, ALS, ALS, SLGT, SLGT, CHN3, CHN3, CHN3, CHN3, CHN5, ICHU, ICHU, ICHU, SSHA, SSHA, SSHA, SHHT, YUS, YUS, CHN8, CHN8, ELDTW, ELDTW, SCLT, SCLT, WGL, WGL, WGL, WDLH, WDLH, SCST, SCST, SCST, WSL, WSL, TAI, TAI, TAI, WTK, WTK, WHYT, WHYT, TAI, TAI, TWM1, TWM1, TSCK, TSCK, TSCK, WSF, WSF, WSF, SSS, SSS, WJS, WJS, WJS, EHD, EHD, SGLT, SGLT, SGLT, TSMG, TSMG, SNJT, SNJT, SNJT, ECS, ECS.

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes entries for ECS, SSSL, SSSL, SSSL, WNT, WNT, LONT, LONT, TSPT, TSPT, WNT1, WNT1, WNT1, TWG, TWG, TWG, WMLT, WMLT, WMLT, FULB, FULB, FULB, TWFI, TWFI, TWFI, WCKO, WCKO, STYT, STYT, STYH, STYH, SGST, CHY, CHY, CHN2, CHN2, ALS, ALS, SLGT, SLGT, CHN3, CHN3, CHN3, CHN3, CHN5, ICHU, ICHU, ICHU, SSHA, SSHA, SSHA, SHHT, YUS, YUS, CHN8, CHN8, ELDTW, ELDTW, SCLT, SCLT, WGL, WGL, WGL, WDLH, WDLH, SCST, SCST, SCST, WSL, WSL, TAI, TAI, TAI, WTK, WTK, WHYT, WHYT, TAI, TAI, TWM1, TWM1, TSCK, TSCK, TSCK, WSF, WSF, WSF, SSS, SSS, WJS, WJS, WJS, EHD, EHD, SGLT, SGLT, SGLT, TSMG, TSMG, SNJT, SNJT, SNJT, ECS, ECS.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like T1220, MOMA, EL6.

IDC 25 15:38:20.9:0.6,53.07N:142.91E, h0km, mb4.0/22, mbtmp3.9/27, ML3.1/4, Error ellipse: s-maj=16.2km

MOS 25 15:38:20.5:1.1,53.00N:143.07E, h12km, mb4.3/16, MS3.1/4, Error ellipse: s-maj=10.7km s-min=6.5km

MOS Felt (I-II) at Okha, Sabo, Tungor. SKHL 25 15:38:21.8:0.2,52.98N:142.90E, h11km, mb4.9/5

NEIC 25 15:38:22.8:2.2,53.03N:143.01E, h15km, mb4.2/10, Error ellipse: s-maj=13.9km s-min=10.5km

ISC 25 15:38:24.0:1.2,53.03N:143.00E, h24km, gkm, n107, s133/121, mb4.1/34, SC-6D, Sakhalin Island

Main station list for 1455. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Okha, Nikolayevsk, Gornyy, Yuzh-Sakhalins, etc.

2017 MAR

Main station list for 2017 MAR. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Seymchan, Yakutsk, Ulanbaatar, etc.

25d 15h

Main station list for 25d 15h. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIV, AKASG, NVAR, ULM, PDAR, etc.

25d 16h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like N19K Bonanza Creek, Q17K Contact Creek, CAPN Captain Cook N, etc.

2017 MAR

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like MCK McKinley, BPAW Bear Paw Mtn., BPAW Bear Paw Mtn., etc.

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Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like SOMM Songo Array, ZALV Zalesovo Beam, MKAR Matkanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like USRK, NVAR, K05A, J05D, SUIA, N25K, ILAR, TXAR, PDAR, YKA, MKAR, BVAR, ARCES, FINES, EKA, BUR08, BRTR, BRTR, BRTR, OSTC, CHVC, CLZ, CLL, UPC, DPC, KRLC, BRG, FBE, MLR, MOX, VRAC, TANN, WERD, GUNZ, WERN, KRUC, MANZ, ROTZ, TNS, KHC, CKRC, GECZ, GERES, CONA, RONA, FUR, KBA, WATA, RETA, WTTA, MOTA, MYKA, SQTA, ABTA, FETA, CIMO, DAVOS, FUORN, FNA.

DJA 25 16:10:31.2-1.3,3'S;14-137'E, h31km, 16km, M3,8/7, mb3.6/1, MLV3.8/7, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SRPI, SMPH, RKPI, GENI, FAKI.

IDC 25 16:22:59.2-1.5, 19.5'S;177.41'W, h561km, 15km, mb3.3/8, mbmp4.2/11, Error ellipse: s-maj=28.1km s-min=16.1km az=140.0

ISC 25 16:22:58.0-0.9,19.6'S;177.3W-0.1, h550km, n17, s=1916/19, mb3.8/8, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF, AFI, AFI, UZM, DZM, CTX, STKA, ASAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR, WRA, WRA, SIJI, MJAR, ILAR, CMAR, MKAR, ARCES, AKASO, BRTR, GERES.

IDC 25 16:23:60.0-6.2, 6.7'S;129.00'E, h90km, 77km, mb3.2/1, mbmp3.7/4, ML3.8/3, Error ellipse: s-maj=120.4km s-min=25.6km az=83.0

ISC 25 16:24:04.6-1.0, 6.60'S;129.9E-0.1, h150km, n14, s=2509/16, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SAUI, FAKI, SIJI, MTN, SOEI, KNR, WHAB, WRA, ASAR, ASAR, ASO1, WRKA, OOD, MKAR.

DJA 25 16:31:13.7-1.0, 3'S;5-137'E, h14km, 7km, M4,3/7, mb4.2/1, mb5.0/1, MLV4.3/7, Mw(mb)4.2/1, IDC 25 16:31:17.2-3.8, 3.0'S;136.68'E, h65km, 34km, mb3.7/13, mbmp4.0/15, ML4.2, Irian ellipse: s-maj=31.1km

ISC 25 16:31:13.0-0.5, 3.02'S;137.00E-0.05, h32km, n38, s=1875/44, mb4.0/12, Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SRPI, SMPH, RKPI, GENI, FAKI, SIJI, KDU, MTN, COEN, KNR, MTSU, TOLIZ, WRAB, WRA, WRA.

CTA Charters Tower 19.22 153 P Pn 16 35 37.1 +1.3

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRKA, OOD, FOR, STKA.

CMAR Chiang Mai Arr 43.12 301 P Pn 16 39 10.3 -0.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like USRK, KLR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM, PETK.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KURBB, VNDA.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARCES, TORO.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CPUI, TORO.

IDC 25 16:36:20.6-2.5, 22.2'S;94.45'E, h95km, 27km, mb3.2/3,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRDH, CMAR, MKAR, MKAR, KSR5, WRA, ASAR.

JMA 25 16:41:48.2-0.4, 23'N;122'12"E, h19km, MV3.5/9, TAIWAN REGION

TAP 25 16:41:48.6, 23.26'N; 120.63'E, h10km, ML3.7/B, ISC 25 16:41:49.0-0.7, 23.27'N;120.61'E, h120.59E-0.01, h13km, 3km, n170, s=0885/31, 35C-24D, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WTP, WTP, TPUB, TPUB, TPUB, CHN4, CHN4, TWK, TWK, SNST, CHN1, CHN1, WCKO, WCKO, STYT, STYT, SGST, STYH, STYH, CHY, CHY, CHY, SLGT, SLGT, SLGT, CHN2, CHN2, CHN2, CHN3, CHN3, CHN3, ICHU, ICHU, ALS, ALS, SSHA, SSHA, CHN5, CHN5, CHN5, SHHT, CHN8, CHN8, SCLT, SCLT, SCLT, SCST, SCST, SCST, YUS, YUS, ELDTW, ELDTW, TAI, TAI, WTK, WTK, TAI, TAI, TWM1, TWM1, TSKC, TSKC, WHYT, WHYT, WHYT, WHYT, WSF, WSF, WSF.

25d 17h

SSD	Sandimen	0.52	176	↑P	Pb	16 41 59.7	-0.4
SSD	baz=179						
SGLT	Jiouru	0.55	190	eP	Pn	16 42 01.5	-1.1
SGLT	baz=193						
WJS	Zhushan	0.56	13	↑P	Pb	16 42 00.6	-0.2
WJS	baz=9.0						
TSMG	Majia	0.56	175	eP	Pb	16 42 00.4	-0.4
TSMG	baz=179						
EHD	Haiduan	0.58	102	↑P	Pg	16 41 59.9	-0.5
EHD	baz=102						
TSPT	Pingtung City	0.60	189	eP	Pn	16 42 02.8	-0.5
TSPT	baz=192						
ECS	Chishang	0.60	107	eP	Pg	16 42 00.6	-0.2
ECS	baz=107						
WNT	Mingjian	0.61	8	↑P	Pb	16 42 01.7	+0.1
WNT	baz=5.0						
SSLB	Suanglung	0.61	33	P	Pg	16 42 00.9	-0.1
SSLB	Suanglung	0.61	33	↑P	Pg	16 42 00.6	-0.4
SSLB	baz=30						
LONT	Longtian	0.61	126	↑P	Pg	16 42 00.7	-0.3
LONT	baz=128						
TWG	Pinlang	0.63	135	↑P	Pg	16 42 01.1	-0.1
TWG	baz=137						
WMLT	Mailiao	0.63	327	eP	Sb	16 42 02.0	+0.1
WMLT	baz=325						
TWGBT	Beinan	0.64	135	P	Pg	16 42 01.5	+0.1
TWGBT	Beinan	0.64	135	↑P	Pg	16 42 01.1	-0.3
TWGBT	baz=137						
WNT1	Nantou City	0.64	7	eP	Pb	16 42 02.4	+0.4
WNT1	baz=4.0						
FULB	Fuli	0.65	96	↑P	Pg	16 42 01.9	+0.2
FULB	baz=96						
TWF1	Yuli	0.65	83	↑P	Pg	16 42 01.2	-0.5
TWF1	baz=82						
WTCT	Ta-cheng	0.66	334	eP	Pb	16 42 02.4	+0.1
WTCT	baz=332						
MASBT	Mashuluo	0.66	177	↑P	Pb	16 42 02.0	-0.4
MASBT	baz=180						
WRL	Guolierin Hig	0.66	342	↑P	Pb	16 42 02.2	-0.2
WRL	baz=340						
YULB	Yu-li	0.66	79	P	Pg	16 42 01.3	-0.5
YULB	Yu-li	0.66	79	↑P	Pg	16 42 01.2	-0.7
YULB	baz=78						
EYUL	Yuli	0.67	83	↑P	Pg	16 42 01.5	-0.6
EYUL	baz=82						
SMLT	Sun Moon Lake	0.67	25	↑P	Pb	16 42 02.5	-0.1
SMLT	baz=23						
TYC	Yuchr	0.68	21	↑P	Pg	16 42 02.6	0.0
TYC	baz=19						
WYL	Yuanlin Townsh	0.69	359	eP	Pb	16 42 03.1	+0.3
WYL	baz=356						
VWDT	VWDT	0.69	46	↑P	Pg	16 42 02.4	-0.1
VWDT	baz=44						
EHY	Hungye	0.71	71	↑P	Pg	16 42 02.4	-0.4
EHY	baz=70						
EDH	Donghe	0.72	114	↑P	Sb	16 42 02.9	-0.1
EDH	baz=115						
TTN	Taitung	0.72	135	↑P	Pb	16 42 03.8	+0.3
TTN	baz=136						
CHKT	Chengkung	0.73	103	↑P	Pb	16 42 03.4	-0.2
CHKT	baz=104						
KAU	Kaohsiung	0.75	201	eP	Pn	16 42 05.9	+0.6
KAU	baz=203						
ECL	Taimai	0.75	154	↑P	Pg	16 42 03.4	-0.2
ECL	baz=155						
ECBN	Changbin	0.79	87	eP	Pb	16 42 04.9	+0.3
ECBN	baz=86						
HGSD	Ruisui	0.79	74	↑P	Pg	16 42 04.4	0.0
HGSD	baz=73						
WCHH	Zhanghua	0.81	358	↑P	Pb	16 42 04.8	-0.1
WCHH	baz=355						
WPL	Puli Township	0.81	24	eP	Pg	16 42 04.5	-0.2
WPL	baz=22						
DPDB	Guoxing	0.82	22	↑P	Pg	16 42 04.7	-0.2
DPDB	baz=20						
WCS	Beigang Elemen	0.83	20	↑P	Pg	16 42 05.0	-0.2
WCS	baz=18						
WDGT	Dungji	0.86	269	eP	Pb	16 42 05.5	-0.3
WDGT	baz=270						
EGFH	Guangfu	0.86	62	eP	Pg	16 42 05.3	-0.4
EGFH	baz=61						
WUSB	Renai	0.86	34	eP	Pg	16 42 05.1	-0.7
WUSB	baz=32						
OWD	Renai	0.86	38	eP	Pg	16 42 05.2	-0.6
OWD	baz=36						

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TCU	Taichung	0.88	51	eP	Pg	16 42 06.2	+0.2
TCU	baz=3.0						
SCZT	Fangliao	0.90	178	eP	Pn	16 42 06.6	-0.8
SCZT	baz=180						
EAST	Anshuo	0.92	165	eP	Pg	16 42 06.7	0.0
EAST	baz=167						
ESL	Shilin	0.94	55	eP	Pb	16 42 06.7	-0.5
ESL	baz=54						
TWP	HsiaoIuchiuh	0.94	193	eP	Pn	16 42 10.0	+2.0
TWP	baz=195						
CHGB	Renai	0.95	34	eP	Pb	16 42 06.8	-0.7
CHGB	baz=32						
TAW	Tawu	0.95	163	eP	Pg	16 42 07.5	+0.1
TAW	baz=164						
TAWH	Dawu Township	0.97	164	eP	Pg	16 42 07.4	-0.3
TAWH	baz=165						
PHUB	P'eng-hu	0.97	285	eP	Pb	16 42 07.0	-0.6
PHUB	baz=284						
TEGC	Jichi Village	0.97	63	eP	Pn	16 42 08.4	+0.1
TEGC	baz=62						
PNG	Penghu	1.00	287	eP	Pb	16 42 07.8	-0.4
PNG	baz=287						
LDUT	Ludao	1.00	126	eP	Pb	16 42 07.5	-0.7
LDUT	baz=127						
WHP	Taichung City	1.05	18	eP	Pb	16 42 09.0	-0.2
WHP	baz=16						
WHF	Hehuan Shan	1.07	35	↑P	Pb	16 42 09.1	-0.5
WHF	baz=34						
VCHM	Qimei	1.07	267	↑P	Pb	16 42 08.7	-0.7
VCHM	baz=267						
WDJ	Dajia District	1.07	2	eP	Pg	16 42 09.7	0.0
WDJ	baz=1.0						
ETM	Tongmen	1.08	50	eP	Pg	16 42 09.2	-0.3
ETM	baz=49						
TWQ1	Liyutan	1.08	9	↑P	Pg	16 42 09.9	0.0
TWQ1	baz=7.0						
TEYL	Yanliu Villag	1.10	57	eP	Pg	16 42 10.7	+0.5
TEYL	baz=54						
TDCB	Techi	1.11	28	eP	Pb	16 42 09.8	-0.4
TDCB	baz=26						
TWT	Tachien	1.11	29	eP	Pb	16 42 09.8	-0.4
TWT	baz=26						
NSY	Sanyi	1.15	8	↑P	Pg	16 42 11.2	+0.1
NSY	baz=6.0						
HWA	Hwaiin	1.16	53	eP	Pg	16 42 11.4	0.0
HWA	baz=52						
TWD	Chiawan	1.22	49	eP	Pn	16 42 11.7	-0.1
TWD	baz=48						
ETLH	Xiulin Townshi	1.24	41	eP	Pn	16 42 11.8	-0.3
ETLH	baz=40						
SMST	Manzhou Townsh	1.27	170	eP	Pg	16 42 13.6	+0.2
SMST	baz=171						
HEN	Hengchun	1.27	174	eP	Pb	16 42 12.6	-0.2
HEN	baz=175						
NMLH	Miaoji	1.27	8	↑P	Pb	16 42 12.7	-0.2
NMLH	baz=7.0						
NACB	Ninganchiao	1.28	45	P	Pn	16 42 12.6	-0.1
NACB	Ninganchiao	1.28	45	eP	Pn	16 42 12.5	-0.2
NACB	baz=44						
ETL	Fush Village	1.29	47	eP	Pg	16 42 13.6	-0.3
ETL	baz=46						
TWK1	Hengchun	1.34	172	eP	Pg	16 42 18.0	+3.3
TWK1	baz=173						
NNSB	Datong	1.36	32	eP	Pn	16 42 13.7	-0.1
NNSB	baz=31						
NNSH	Datong	1.36	32	eP	Pn	16 42 13.9	0.0
NNSH	baz=31						
NNS	Nan Shan	1.36	31	eP	Pb	16 42 14.2	-0.3
NNS	baz=30						
TSEB	Hengchun, Pin	1.39	168	eP	Pb	16 42 14.4	-0.5
TSEB	baz=171						
NSTT	Nanjiang	1.40	15	eP	Pg	16 42 14.7	-0.5
NSTT	baz=14						
LIOB	Emei	1.42	16	eP	Pn	16 42 14.8	+0.2
LIOB	baz=14						
NJN	Zhunan	1.43	10	eP	Pb	16 42 15.0	-0.6
NJN	baz=9.0						
NFF	Wufeng Townshi	1.44	19	eP	Pn	16 42 14.9	0.0
NFF	baz=18						
LAY	Lan-yu	1.51	144	eP	Pn	16 42 14.7	-1.1
LAY	baz=145						
LATG	Datong	1.52	34	eP	Pb	16 42 16.5	-0.5
LATG	baz=33						
NJD	Zhudong	1.53	17	eP	Pb	16 42 16.9	-0.3
NJD	baz=16						
HSN1	Hsinchu	1.55	14	eP	Pb	16 42 17.0	-0.6

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HSN1	baz=13				eS	Sb	16 42 37.4	+0.2
SBCB	Hsinchu	1.56	13	eP	Pb	16 42 17.1	-0.6	
SBCB	baz=12							
ENA	Nanau	1.56	42	eP	Pb	16 42 17.1	-0.7	
ENA	baz=42							
LYUB	Lan-yu	1.56	144	eP	Pn	16 42 14.4	-2.1	
LYUB	baz=145							
NSK	Sanguang	1.56	26	eP	Pb	16 42 17.1	-0.7	
NSK	baz=26							
YHNB	Yeheng	1.56	27	P	Pb	16 42 17.5	-0.4	
YHNB	Yeheng	1.56	27	eP	Pb	16 42 17.1	+0.5	
YHNB	baz=26							
NDT	Datong Townshi	1.57	32	eP	Pb	16 42 17.8	-0.1	
NDT	baz=31							
EWUT	Wuta	1.59	43	eP	Pb	16 42 17.9	-0.5	
EWUT	baz=42							
ENTT	Nioudou	1.63	33	eP	Pb	16 42 18.7	-0.2	
ENTT	baz=32							
NDS	Dongshan	1.70	37	eP	Pb	16 42 20.5	+0.4	
NDS	baz=36							
NWL1	Wulai	1.71	29	eP	Pb	16 42 19.5	-0.9	
NWL1	baz=28							
FUSB	Fushanzhiwuyua	1.74	31	eP	Pb	16 42 20.2	-0.6	
FUSB	baz=30							
TWE	Neicheng	1.75	34	eP	Pb	16 42 23.0	-0.4	
TWE	baz=34							
TWC	Suao	1.76	41	eP	Pb	16 42 21.1	-0.1	
TWC	baz=40							
NHW	Xinwu Townshp	1.78	13	eP	Pn	16 42 19.9	+0.4	
NHW	baz=12							
EOS4	EOS4	1.79	62	eP	Pn	16 42 18.7	-0.6	
EOS4	baz=61							
ILA	Ilan	1.82	35	eP	Pb	16 42 21.9	-0.4	
ILA	baz=35							
EOS3	EOS3	1.88	57	eP	Pn	16 42 21.4	+0.7	
EOS3	baz=57							
TATO	Taipei							

25d 17h

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

2017 MAR

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ENH Enshi, ENH Enshi, ENH Enshi, etc.

1460

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BILL Bilibino, TNA Tin City, M19K Big River Lodg, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, L26K Log Cabin Wild, M27K Edge Creek, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like BELO Belle Mtn. Jos, M31M Drury Creek, FURC Furnace Creek, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like ALS Alishan, YUS Yu-Shan, WHYT Xinyi Township, etc.

25d 18h

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like IPOC Station P, RIMA Rio Macho, BATAN Bato, etc.

2017 MAR

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like EI Roble, Peldehue, MT02 Curacav, etc.

1462

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like Cleburne, Red Boiling Sp, U49A, etc.

MSTX	baz=184	45.38 329	P	P	18 15 02.9	0.0
MSTX	Muleshoe		I	Amb	18 15 04.7	
MSTX	comp=Z,8.7nm,0.8s	45.38 329	P	P	18 15 03.0	0.0
AMTX	Muleshoe		P		18 15 06.1	
AMTX	Amarillo	45.57 331	P	P	18 15 04.0	-0.4
AMTX	comp=Z,6.9nm,0.8s		I	Amb	18 15 06.1	
AMTX	Amarillo	45.57 331	P	P	18 15 04.8	+0.4
M57A	baz=144					
U32A	Sunshine Farm,	45.59 360	P	P	18 15 05.8	+1.5
OK032	Winter Ranch,	45.60 335	P	P	18 15 04.0	-0.5
OK032	Salt Plains WL	45.63 336	P	P	18 15 04.2	-0.6
OK032			I	Amb	18 15 06.0	
KAN17	comp=Z,1.1nm,0.8s					
KAN09	Caldwell West	45.66 337	P	P	18 15 05.2	+0.3
NOKA	Caldwell North	45.68 337	P	P	18 15 05.5	+0.4
HDIL	Waynoka	45.78 335	P	P	18 15 05.8	-0.2
HDIL	Hopedale	46.23 347	P	P	18 15 08.2	-1.2
BINY	baz=163					
BINY	Binghamton	46.45 1 P	P	P	18 15 11.1	0.0
BINY	Binghamton	46.45 1 P	P	P	18 15 12.5	+1.3
K57A	baz=18					
KSU1	SciPIO Center U	46.98 0 P	P	P	18 15 16.2	+1.0
KSU1	Kansas State U	47.03 339	P	P	18 15 15.9	+0.2
121A	baz=153					
121A	Cookes Peak, D	47.06 324	P	I	18 15 17.2	+0.9
121A			I	Amb	18 15 19.0	
121A	comp=Z,1.1nm,1.0s	47.06 324	P	P	18 15 18.1	+1.9
319A	baz=136,SNR=6.6					
ENM	Douglas	47.16 321	P	P	18 15 17.5	+0.5
ENM	Sadovilo	47.57 326	P	P	18 15 19.9	-0.5
LENM	Lemitar	47.77 326	P	P	18 15 22.0	+0.2
DUN6	Lazy B Ranch	47.85 323	P	P	18 15 23.2	+0.8
CBKS	Cedar Bluff	47.97 336	P	P	18 15 24.9	+1.8
J47A	baz=149					
ANMO	Summer	48.02 352	P	P	18 15 22.9	-0.5
ANMO	Albuquerque	48.07 327	P	P	18 15 24.8	+0.7
ANMO	comp=Z,1.4nm,0.7s,ba					
ANMO	z=231,slow=9.1,SNR=47					
ANMO	Albuquerque	48.07 327	P	P	18 15 25.2	+1.1
ANMO	Albuquerque	48.07 327	P	P	18 15 25.8	+1.7
JFWS	baz=139					
JFWS	Jewell Farm	48.69 347	P	P	18 15 29.7	+1.2
T25A	baz=162					
T25A	Trinidad	48.70 331	P	I	18 15 29.5	+0.5
T25A			I	Amb	18 15 39.6	
T25A	comp=Z,1.0nm,0.9s	48.70 331	P	P	18 15 30.7	+1.8
TUC	baz=142,SNR=7.5					
TUC	Tucson	48.73 321	P	I	18 15 29.6	+0.5
TUC			I	Amb	18 15 39.0	
TUC	comp=Z,6.8nm,1.0s	48.73 321	P	P	18 15 30.0	+0.9
SADO	baz=132					
SADO	Sadovilo	49.06 358	P	P	18 15 30.4	-0.8
SADO	comp=Z,6.0nm,0.9s,ba					
SADO	z=191,slow=5.0,SNR=3.4					
FRNY	baz=152					
FRNY	Flat Rock	49.17 3 P	P	P	18 15 33.2	+1.1
FRNY			I	Amb	18 15 34.0	
KSCO	comp=Z,1.3nm,1.0s	49.37 334	P	P	18 15 35.2	+1.2
KSCO	Kaye Shedlock					
BGNE	baz=145					
BGNE	Belgrade	49.62 339	P	P	18 15 36.3	+0.6
SDCO	baz=152					
SDCO	Great Sand Dun	49.71 330	P	P	18 15 37.5	+0.7
SDCO			I	Amb	18 15 39.1	
SDCO	comp=Z,1.2nm,1.0s	49.71 330	P	P	18 15 38.2	+1.4
214A	baz=141,SNR=1.9					
214A	Organ Pipe Nat	49.79 319	P	I	18 15 37.6	+0.4
214A			I	Amb	18 15 39.4	
214A	comp=Z,1.9nm,1.5s	49.79 319	P	P	18 15 38.3	+1.1
W18A	baz=135					
W18A	Petrified Fore	50.03 325	P	P	18 15 40.6	+1.4
S22A	baz=135					
S22A	4UR Ranch, Cre	50.38 329	P	I	18 15 43.0	+1.1
S22A			I	Amb	18 15 52.4	
S22A	comp=Z,1.1nm,1.4s	50.38 329	P	P	18 15 43.5	+1.6
Q24A	baz=142					
Q24A	Divide	50.49 331	P	P	18 15 43.4	+0.7
OGNE	OGallala	50.72 335	I	Amb	18 15 46.1	
OGNE	OGallala	50.72 335	P	P	18 15 45.0	+0.9
MVCO	baz=147					
MVCO	Mesa Verde	50.85 327	P	P	18 15 45.2	-0.2
MVCO	Mesa Verde	50.85 327	P	P	18 15 45.9	+0.6
ECSD	baz=138					
ECSD	EROS Data Cent	51.17 342	I	Amb	18 15 55.5	
ECSD	comp=Z,1.3nm,1.3s	51.17 342	P	P	18 15 47.0	-0.4
WUAZ	Wupatki	51.27 324	I	Amb	18 15 51.0	
WUAZ	comp=Z,1.7nm,0.9s	51.27 324	P	P	18 15 50.2	+1.8
ISCO	baz=134,SNR=1.1					
ISCO	Idaho Springs	51.37 332	P	P	18 15 49.9	+0.6
ISCO	Idaho Springs	51.37 332	P	P	18 15 50.5	+1.1
LATQ	baz=142					
LATQ	La Tuque	51.76 4 I	Amb	I	18 15 53.7	
GLA	comp=Z,1.2nm,0.7s	51.80 319	P	P	18 15 53.2	+0.8
PV07	baz=129					
PV07	Paradox Valley	51.84 328	P	I	18 15 53.2	+0.4
PV07			I	Amb	18 16 03.0	
PV11	comp=Z,1.8nm,1.3s	51.86 328	I	Amb	18 16 04.5	
PV11	David Mesa, Pa					
PDMCI	baz=130					
PDMCI	Parker Dam,Lak	52.16 321	P	P	18 15 56.2	+1.4
SWSC	Sam W. Stewart	52.38 318	P	P	18 15 56.8	+0.3
N23A	baz=128					
N23A	Red Feather La	52.39 332	P	P	18 15 57.5	+0.6
IKP	baz=142					
IKP	In-Ko-Pah, Jac	52.41 318	P	P	18 15 56.9	0.0
W13A	baz=128					
W13A	Hualapai Mount	52.51 322	P	I	18 15 58.5	+0.8
W13A			I	Amb	18 16 08.8	
SUSD	comp=Z,8.5nm,0.9s	52.57 340	P	P	18 15 57.4	-0.3
SUSD	Miller	52.57 340	P	P	18 15 58.1	+0.3
BC3	baz=152					
BC3	Big Chuckawall	52.59 319	P	P	18 15 58.8	+0.5
IRM	baz=129					
IRM	Iron Mountain	52.70 320	P	P	18 16 00.2	+1.2
MONP2	baz=127					
MONP2	Monument Peak	52.76 318	P	P	18 16 00.4	+0.8
O20A	baz=140					
O20A	White River Ci	52.91 330	P	P	18 16 02.4	+1.7
PKCU	comp=Z,1.9nm,1.3s	53.15 325	I	Amb	18 16 13.2	
PKCU	Pink Cliffs					
BELC	comp=Z,1.4nm,1.1s	53.16 319	P	P	18 16 03.5	+1.1
SRU	baz=128					
SRU	San Rafael Swe	53.33 328	I	Amb	18 16 13.7	
LCMT	comp=Z,8.8nm,1.1s	53.39 324	P	P	18 16 04.6	+0.4
LCMT	Little Creek M		I	Amb	18 16 15.3	
GMRC	comp=Z,8.0nm,0.9s	53.43 320	P	P	18 16 05.7	+1.2
GMRC	Granite Mounta					
MTPU	baz=129					
MTPU	Mount Pierson	53.49 325	P	P	18 16 06.5	+1.4
MURC	baz=127					
MURC	Murrieta	53.70 318	P	P	18 16 07.6	+1.2
P17A	comp=Z,1.1nm,1.0s	53.71 328	I	Amb	18 16 08.4	
P17A	Butcher Ranch,					
EMYN	baz=162					
EMYN	Ely	53.75 348	P	P	18 16 09.8	+3.5
MSU	baz=131,SNR=1.0s					
MSU	Marysville	53.81 326	P	P	18 16 07.6	+0.3
CVU	baz=128					
CVU	Marysle	53.83 326	P	P	18 16 08.1	+0.7
MCUT	baz=110					
MCUT	Cedar City	53.83 324	I	Amb	18 16 10.2	
HEC	comp=Z,7.0nm,1.0s	53.89 320	P	P	18 16 09.6	+1.9
HEC	Hector,Ludlow					
TUQ	baz=129					
TUQ	Turquoise Moun	54.00 321	P	P	18 16 10.3	+1.6
K22A	comp=Z,2.1nm,1.4s	54.05 333	I	Amb	18 16 19.0	
K22A	Casper	54.05 333	P	P	18 16 10.6	+1.7
RSSD	baz=143					
RSSD	Black Hills	54.18 336	P	P	18 16 10.7	+0.8
RSSD			I	Amb	18 16 12.1	

RSSD	comp=Z,7.8nm,0.8s	54.18 336	P	P	18 16 11.4	+1.6
RSSD	Black Hills					
BFSO	baz=146					
BFSO	Mount Baldy Ra	54.40 318	P	P	18 16 13.1	+1.6
GSC	Goldstone, Bar	54.48 320	P	I	18 15 13.1	+1.0
GSC			I	Amb	18 16 22.7	
GSC	comp=Z,9.9nm,1.1s	54.48 320	P	P	18 16 13.7	+1.6
BSUT	Blindstone Ca	54.49 329	P	P	18 16 12.9	+0.5
BSUT			I	Amb	18 16 23.3	
JLU	comp=Z,1.6nm,1.1s	54.90 328	P	P	18 16 15.8	+0.5
JLU	Jordanelle		I	Amb	18 16 25.4	
QSM	comp=Z,1.4nm,1.3s	54.93 320	I	Amb	18 16 26.1	
QSM	Queen of Sheba		I	Amb	18 16 26.1	
EDW2	comp=Z,1.2nm,1.4s	55.00 319	P	P	18 16 16.9	+1.1
EDW2	Edwards Air Fo					
SNCC	baz=127					
SNCC	San Nicolas Is	55.08 316	P	P	18 16 16.5	+0.1
AGMM	baz=125					
AGMM	Agassiz Nation	55.11 345	P	P	18 16 16.1	-0.1
TPNV	comp=Z,5.9nm,0.9s	55.16 322	I	Amb	18 16 31.3	
TPNV	Topopah Spring		I	Amb	18 16 31.3	
TPNV	comp=Z,5.9nm,0.9s	55.16 322	P	P	18 16 18.7	+1.6
TPNV	Topopah Spring					
WCT	baz=130,SNR=7.7					
WCT	Wildcat Mounta	55.30 321	P	P	18 16 18.8	+0.8
DUG	Dugway, Tooele	55.34 327	P	P	18 16 19.1	+0.9
DUG			I	Amb	18 16 28.7	
DUG	comp=Z,6.5nm,0.8s	55.34 327	P	P	18 16 19.7	+1.4
DUG	Dugway, Tooele					

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like LK2D, LK2E, LK2F, LK2G, LK2H, LK2I, LK2J, LK2K, LK2L, LK2M, LK2N, LK2O, LK2P, LK2Q, LK2R, LK2S, LK2T, LK2U, LK2V, LK2W, LK2X, LK2Y, LK2Z.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like AGG, AGS, AGT, AGU, AGV, AGW, AGX, AGY, AGZ, AHA, AHB, AHC, AHD, AHE, AHF, AHG, AHH, AHI, AHJ, AHK, AHL, AHO, AHP, AHS, AHT, AHA, AHB, AHC, AHD, AHE, AHF, AHG, AHH, AHI, AHJ, AHK, AHL, AHO, AHP, AHS, AHT.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like VTS, VTA, VTB, VTC, VTD, VTE, VTF, VTF, VTH, VTI, VTJ, VTK, VTL, VTM, VTN, VTO, VTP, VTS, VTA, VTB, VTC, VTD, VTE, VTF, VTF, VTH, VTI, VTJ, VTK, VTL, VTM, VTN, VTO, VTP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NC602 NORSAR Array S, FINES FINESS Array B, etc.

BUJ 25 20:03:50.3, 0.0, 3.76S, 137.34E, h60km, mb4.9/71, mB5.1/50, Ms4.6/57, Ms7.4/4.6/7
NEIC 25 20:03:52.5, 1.4, 3.02S, 0.08x136.86E, 0.07, h10km, 1km, mb5.2/107, Error ellipse: s-maj=14.0km s-min=11.6km az=33.0
MOS 25 20:03:55.0, 0.9, 3.12S, 136.81E, h49km, mb5.3/59, Error ellipse: s-maj=9.3km s-min=4.5km az=114.5
IDC 25 20:03:56.4, 2.3, 3.04S, 136.88E, h41km, 20km, mb4.5/15, mbmp4.8/19, ML4.6/3, MS4.2/38, Error ellipse: s-maj=18.3km s-min=10.5km az=57.0
DJA 25 20:03:56.9, 0.2, 3.2S, 121.17E, h48km, 2km, M4.8/74, mB5.1/74, mB5.2/30, ML5.2/10, Mw5.0/28, Mw(mB)4.7/30, Mw(mB)5.1/6, Mw(mB)3.1/6
GCMT 25 20:03:58.5, 0.2, 2.80S, 0.01x136.88E, 0.01, h47km, MW5.1/104, Moment Tensor Solution, s98.133; s104.c161; Duration: 0. Moment tensor: Scale 10^16Nm; Mn:4.71e-16; Mm:6.50e-10; Mz:1.79e-14; Mn:1.79e-11; Mw:0.54e+09; Mrr:1.42e+13; Best double couple: Mb6.157000x10^16 NP1:0.291.000000, 0.57.000000, 1.13.000000. NP2:0.74.000000, 0.39.000000, 1.59.000000.
Principal axes: T 5.4690, P1g69.0000, Azm250.0000; N 1.3760, P1g19.0000, Azm98.0000; P -8.8450, P1g9.0000, Azm5.0000; 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 SRPI Serui, Papua, SMPI Sarmi, RPKPI Ransiki, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SBUM Sibuluan, PWJI Pagerwojo, RMQ Roma, etc.

25d 20h

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Table with columns for station name, location, frequency, power, and signal strength. Includes stations like Nanjing, Naksansitamara, Gladstone, etc.

Table with columns for station name, location, frequency, power, and signal strength. Includes stations like XAN, Chengdu, TengChong, Beijing, etc.

Table with columns for station name, location, frequency, power, and signal strength. Includes stations like Gaotai, LSA Lhasa, GOMU GeErMu, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ZHN, ZHN, KSH, KSH, KSH, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like F24K, N25K, RIDG, RIDG, etc.

PET	comp=Z,10.0nm,0.8s	AMB	AMB	20 30 33.7					
PET	comp=Z,2um,19.0s	AMS	AMS	20 34 57.6					
JANG	comp=Z,2um,19.0s	9.05 239	eP	Pn	20 30 28.4	-2.1			
Nango		9.08 242	Pn	Pn	20 30 30.0				
JTM	comp=Z,2um,19.0s	9.11 236	eS	Sn	20 32 03.9	-8.8			
JTH		10.65 273	eS	Pn	20 30 53.8	+1.4			
TEY		10.65 273	eS	Pn	20 30 59.4				
JEM	comp=Z,10.0nm,0.7s		AMB	AMB					
JMM	comp=Z,10.0nm,0.7s	11.15 231	Pn	Pn	20 30 57.5	-1.8			
GRNR		11.47 303	i/PN	Sn	20 31 05.4	+1.7			
GRNR			eS	Sn	20 33 15.3	+4.8			
GRNR	comp=N,1.0nm,0.5s		pmax	pmax					
GRNR	comp=E,2.0nm,0.5s		pmax	pmax					
GRNR	comp=Z,3.0nm,0.7s		pmax	pmax					
GRNR	comp=N,1.0nm,0.5s		smax	smax					
GRNR	comp=E,450nm,17.0s		MLR	MLR					
GRNR	comp=N,260nm,20.0s		MLR	MLR					
GRNR	comp=Z,590nm,15.0s		MLR	MLR					
GRNR	Gorny	11.47 303	i/P	Pn	20 31 05.4	+1.7			
GRNR			AMB	AMB	20 31 06.1				
GRNR			AMS	AMS	20 35 40.0				
GRNR	comp=Z,300nm,18.0s		AMS	AMS	20 35 40.0				
GRNR	comp=Z,500nm,18.0s		AMS	AMS	20 35 40.0				
GRNR	comp=Z,600nm,18.0s		AMS	AMS	20 35 40.0				
KHBR	Khabarovsk	11.74 291	eP	Pn	20 31 07.5	+0.2			
JSD	Sado	12.48 238	Pn	Pn	20 31 15.9	-1.6			
MJAR	Matsushiro Arr	13.53 233	P	Pn	20 31 31.3	-0.6			
MJAR	comp=Z,2.5nm,1.0s,baz=26,slow=12,SNR=7.8		LR	LR	20 37 02.6				
MJB9	Matsu-Tunnel	13.53 233		Pn	20 31 30.0	-1.9			
MAJO	Matsushiro	13.53 233	eP	Pn	20 31 30.9	-1.0			
MAJO	Matsushiro	13.53 233	eP	Pn	20 31 39.0	+0.6			
KLR	Kul'dur	14.01 293	P	Pn	20 31 39.0	+0.6			
KLR	Kul'dur	14.01 293	i/P	Pn	20 31 40.2	+1.9			
KLR	comp=Z,13nm,1.3s		pmax	pmax					
KLR	comp=Z,624nm,15.0s		MLR	MLR					
KLR	Kul'dur	14.01 293	eP	Pn	20 31 37.2	-1.1			
KLR	comp=Z,10.0nm,0.8s		AMB	AMB	20 31 44.0				
KLR	comp=Z,10.0nm,0.8s		AMS	AMS	20 37 38.4				
KLR	comp=Z,600nm,15.0s		AMS	AMS	20 37 38.4				
USA0B	Ussuriysk Arra	14.04 272	Pn	Pn	20 31 38.2	-0.5			
USRB	Ussuriysk Arra	14.04 272	i/P	Pn	20 31 39.5	+0.8			
USRB	Ussuriysk Ar.	14.04 272	P	Pn	20 31 38.7	0.0			
USRB	comp=Z,5.1nm,0.8s,baz=71,slow=11,SNR=9.4								
USRK	Ussuriysk Ar.	14.04 272	P	Pn	20 31 38.3	-0.4			
USRK	Ussuriysk Ar.	14.04 272	P	Pn	20 31 38.3	-0.4			
MA2	Magadan	14.11 358	P	Pn	20 31 38.4	-1.2			
MA2	Magadan	14.11 358	P	Pn	20 31 38.4	-1.2			
MA2	Magadan	14.11 358	eP	Pn	20 31 38.4	-1.2			
JGF	Kuroka	14.69 233	Pn	Pn	20 31 46.5	-1.1			
MDJ	Mudanjiang	15.63 275	P	Pn	20 32 00.0	0.0			
MDJ			pP	pP	20 32 08.8	-3.8			
MDJ			sP	sP	20 32 15.5	+0.9			
MDJ			S	Sn	20 34 51.5	-0.5			
MDJ			S	S	20 35 04.3	-2.0			
MDJ	comp=Z,9.0nm,1.0s		pmax	pmax					
MDJ	comp=Z,230nm,11.6s		pmax	pmax					
MDJ	comp=Z,410nm,14.7s		LR	LR					
MDJ	comp=Z,2,660nm,18.6s		LR	LR					
MDJ	comp=Z,940nm,16.9s		LR	LR					
MDJ	Mudanjiang	15.63 275	Pn	Pn	20 31 59.2	-0.8			
HEH	Heihe	16.93 295	Pn	Pn	20 32 16.0	-0.5			
HEH	comp=Z,7.0nm,0.7s		LR	LR					
HEH	comp=Z,140nm,19.8s		LR	LR					
HEH	comp=Z,570nm,17.1s		LR	LR					
HEH	comp=Z,720nm,16.3s		LR	LR					
SEY	Seymchan	17.48 1	P	P	20 32 20.4	-2.7			
SEY	comp=Z,1.8nm,0.7s,baz=125,slow=16,SNR=3.5								
SEY	Seymchan	17.48 1	i/P	P	20 32 24.2	+0.2			
SEY			pmax	pmax					
ZEA	Zeya	17.78 306	eP	Pn	20 32 26.3	-0.7			
ZEA	comp=Z,10.0nm,1.3s		pmax	pmax					
ZEA	Zeya	17.78 306	eP	Pn	20 32 24.8	-2.2			
ZEA	comp=Z,10.0nm,0.9s		AMB	AMB	20 32 29.0				
CN2	Changchun	18.72 274	P	P	20 32 37.5	-0.4			
CN2	comp=Z,10.0nm,0.6s		pmax	pmax					
CN2	comp=Z,400nm,16.0s		LR	LR					
CN2	comp=Z,400nm,16.0s		LR	LR					
CN2	comp=Z,600nm,17.0s		LR	LR					
KSRS	Korea Array	19.48 254	P	P	20 32 45.7	-0.6			
KSRS	comp=Z,4.8nm,0.9s,baz=57,slow=12,SNR=12		LR	LR	20 39 32.0				
KSRS	comp=Z,243nm,20.2s,baz=65,slow=34		LR	LR					
KS19	Wonju Array Si	19.50 254	P	P	20 32 45.9	-0.5			
KSAR	Wonju Array Be	19.52 254	P	P	20 32 46.7	+0.1			
KSAR	Wonju Array Be	19.52 254	P	P	20 32 46.7	+0.1			
JNU	Nakatsue	20.23 240	P	Pn	20 32 58.4	+1.9			
JNU	comp=Z,1.1nm,1.1s,baz=25,slow=5.1,SNR=3.3		LR	LR	20 41 04.4				
JNU	comp=Z,1.82nm,19.9s,baz=36,slow=37		LR	LR					
TJN	Taeyon	20.45 252	eP	P	20 32 56.5	-0.2			
YAK	Yakutsk	20.88 330	P	P	20 32 59.2	-2.0			
YAK	comp=Z,1.1nm,0.6s,baz=113,slow=4.8,SNR=12								
YAK	Yakutsk	20.88 330	eP	P	20 32 59.5	-1.6			
YAK	Yakutsk	20.88 330	eP	P	20 33 01.5	+0.3			
YAK			eS	S	20 36 51.7	0.0			
YAK			eSS	S	20 37 08.9	+4.5			
YAK			eSS	S	20 37 14.9	+1.7			
YAK			eSS	S	20 37 28.3				
YAK	comp=Z,58nm,0.9s		pmax	pmax					
YAK	comp=N,15nm,0.9s		pmax	pmax					
YAK	comp=E,13nm,1.0s		smax	smax					
YAK	comp=N,62nm,2.2s		smax	smax					
YAK	comp=E,43nm,3.0s		smax	smax					
YAK	Hailar	20.88 330	eP	P	20 33 01.5	+0.3			
HIA	Hailar	21.86 291	P	P	20 33 10.7	-1.2			
HIA	Hailar	21.86 291	P	P	20 33 10.7	-1.2			
HIA	comp=Z,5.0nm,0.7s		pmax	pmax					
BILL	Bilibino	23.84 14	P	P	20 33 30.9	-1.1			
BILL	Bilibino	23.84 14	eP	P	20 33 31.6	-0.3			
BILL			ePP	sP	20 33 46.0	+1.2			
BILL			e	e	20 34 03.2				
BILL	comp=Z,14nm,3.2s		pmax	pmax	20 37 13.7				
BILL	comp=Z,218nm,15.0s		MLR	MLR					
BILL	Bilibino	23.84 14	eP	P	20 33 31.6	-0.3			
BJI	Beijing	26.49 271	P	P	20 33 58.5	+2.3			
BJI			pP	pP	20 34 06.5	+0.5			
BJI			sP	sP	20 34 13.5	+3.0			
BJI			pmax	pmax					
BJT	Baijiautau	26.50 271	P	P	20 33 55.9	-0.5			
BJT			IAMB	IAMB	20 33 59.2				

BJT	comp=Z,11nm,0.8s	Baijiautau	26.50 271	P	P	20 33 55.9	-0.5		
BJT	comp=Z,11nm,0.8s	Taian	27.56 263	P	P	20 34 06.3	+0.3		
TIA				pmax	pmax				
TIXI	comp=Z,7.0nm,1.4s	Tiksi	28.41 345	P	P	20 34 09.2	-3.9		
TIXI	comp=Z,3.9nm,0.5s,baz=163,slow=20,SNR=22								
TIXI	comp=Z,3.9nm,0.5s	Tiksi	28.41 345	P	P	20 34 10.5	-2.6		
TIXI	comp=Z,3.9nm,0.5s	Tiksi	28.41 345	eP	P	20 34 13.1	0.0		
TIXI	comp=Z,4.0nm,0.7s			pmax	pmax				
TIXI	comp=Z,263nm,18.0s			MLR	MLR				
TIXI	Tiksi	28.41 345	eP	P	20 34 13.1	0.0			
H1N2	WAKE ISLAND Hy	28.61 149	T	T	21 04 41.4				
H1N1	WAKE ISLAND Hy	28.62 149	T	T	21 04 54.8				
H1N1	WAKE ISLAND Hy	28.62 149	T	T	21 04 50.4				
H1N3	WAKE ISLAND Hy	28.63 149	T	T	21 04 50.4				
NJ2	Nanjing	28.68 254	eP	P	20 34 16.5	+0.5			
NJ2			pP	pP	20 34 27.5	-1.6			
NJ2			sP	sP	20 34 30.0	+0.6			
NJ2	comp=Z,7.0nm,0.5s		pmax	pmax					
NJ2	comp=Z,99nm,3.8s		LR	LR					
NJ2	comp=Z,330nm,17.2s		LR	LR					
NJ2	comp=Z,320nm,17.7s		LR	LR					
NJ2	comp=Z,280nm,16.2s		LR	LR					
WAKE	Wake Island	28.94 150	eP	P	20 34 19.2	+0.9			
HHC	Hu-ho-hao-te	29.41 275	eP	P	20 34 23.3	+0.8			
HHC	comp=Z,23nm,0.9s		pmax	pmax					
HHC	comp=Z,280nm,5.6s		LR	LR					
HHC	comp=Z,290nm,15.9s		LR	LR					
HHC	comp=Z,830nm,15.2s		LR	LR					
HHC	comp=Z,1um,14.6s		LR	LR					
H1S1	WAKE ISLAND Hy	29.67 150	T	T	21 06 05.2				
H1S3	WAKE ISLAND Hy	29.68 150	T	T	21 06 14.3				
H1S2	WAKE ISLAND Hy	29.69 150	T	T	21 06 15.5				
ULN	Ulanbaatar	30.39 291	P	P	20 34 30.4	-0.9			
ULN	Ulanbaatar	30.39 291	eP	P	20 34 31.7	+0.5			
ULN	Ulanbaatar	30.39 291	eP	P	20 34 32.2	-2.8			
SOMN	comp=Z,0.7nm,0.6s,baz=61,slow=8.6,SNR=8.3		LR	LR	20 47 49.6				
SOMN	comp=Z,283nm,19.1s,baz=112,slow=38								
SOMN	comp=Z,0.7nm,0.6s		P	P	20 34 34.2	-0.9			
SOMN	Songino Array	30.83 291	P	P	20 34 34.2	-0.9			
SOMN	Songino Array	30.83 291	P	P	20 34 34.2	-0.9			
SOMN	Songino Array	30.83 291	P	P	20 34 34.2	-0.9			
GUMO	Guam	32.33 192	LR	LR	20 47 32.3				
XAN	Xi'an	34.43 266	P	P	20 35 07.0	+0.5			
XAN	comp=Z,9.0nm,1.1s		pmax	pmax					
M20K	Styx River	35.29 42	P	P	20 35 14.6	+0.9			
IMAR	Indian Mountai	35.36 35	P	P	20 35 14.3	+0.1			

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Tubuai, Sonseca Array, Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Keskin Array, Geres, Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Sooner Catter, Battle Ridge, etc.

ROM 25:20:29.08.0.2.3.15S:134.19E,h0km,mb3.5/3, mbtmp3.4/5,ML3.4/2,Error ellipse: s-maj=101.4km s-min=24.1km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Arquata del Tr, Castelsantangelo, etc.

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

IDC 25:20:29.08.0.2.3.15S:134.19E,h0km,mb3.5/3, mbtmp3.4/5,ML3.4/2,Error ellipse: s-maj=101.4km s-min=24.1km az=68.0

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

MOS 25:20:30.33.8.1.5.45:67N:151.70E,h40km,mb4.3/1,Error ellipse: s-maj=20.8km s-min=10.5km az=152.9

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

IDC 25:20:38.44.0.0.8.36:80N:97.81W,h0km,mb3.6/2, mbtmp3.7/7,ML3.2/6,MS3.5/4,Error ellipse: s-maj=11.2km s-min=8.7km az=152.0

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

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

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

IDC 25:20:38.44.9.0.4.36:67N:0.02:97.76W:0.01,h2km,7km, Error ellipse: s-maj=3.0km s-min=1.0km az=197.0

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

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

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

25d 21h

Table with columns: WHTX, Sb, Sg, Time, Az, El, P, Pn, S, Sn, etc. Lists various stations and their coordinates.

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Table with columns: SMCO, SUSD, Y22D, Y22F, PLAL, MNXX, 146A, 833A, etc. Lists stations and their coordinates.

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Table with columns: ILAR, SHEM, KEST, NEIC, IDC, ISC, Code, Station Name, Az, El, Phase ID, Time, Res, etc. Lists stations and their coordinates.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Rows include MORC Moravsky Berou, CLL Colim, OKC Ostrava-Krasne, VRAC Vranovo, KRUC Moravsky, NKC Novy Kostel, OJC Ojcow, KHC Kasperske Hory, KRUC Cesky Krumlov, LANS Liptovska Anna, MODS Modra-Piesok, VYHS Vyhne, CONA Conrad Observa, MOA Molin, MOA, STHS Stebnicka Huta, ARSA Arzberg.

IDC 25 21:05:29.0,5.6,36.63N;71.17E,h59km,34km,mb3.3/2, mbtmp3.5/7,ML3.3/5,Error ellipse: s-maj=65.2km s-min=20.3km az=152.0

ISC 25 21:05:32.2,2.36,8N;02.71E;0.1,h100km,n9, 1562/12,1C-1D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Rows include KK31 Karatay Array, AAK Ala-Archa, GEYT Alibeck, MKAR Makanchi Array, AB31 Akbulak array, AKTO Aktyubinsk, ZALV Zalesovo Beam, FINES FINESS Array B, NOA NORSAR Array B.

NIED 25 21:13:01.9,30.29N;137.49E,h543km,MW4.4,Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mn=0.97; Mw=2.40; Mxx=1.43; Mxy=1.12; Myx=2.39; Myz=2.72; Fault plane solution: Mw4.19000x10^15 NPT=25.00000, 667.00000, -149.00000. NP2=282.00000, 662.00000, -149.00000. SHIKOKU BASIN, JMA 25 21:13:01.9,0.3,30.29N;137.49E;h543km,4km,MV4.2/28, IDC 25 21:13:05.0,0.8,30.33N;137.18E,h502km,8km,mb3.6/30, mbtmp4.6/38,Error ellipse: s-maj=10.5km s-min=6.7km az=86.0

NEIC 25 21:13:05.8,1.2,30.37N;137.2E;0.1,h497km,8km, mb4.4/107,Error ellipse: s-maj=14.8km s-min=12.3km az=106.0

ISC 25 21:13:05.0,0.5,30.33N;0.04:137.29E;0.05,h494km,6km, n225,1110/246,mb4.3/82,3C-2D,Southeast of Honshu

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Rows include TTO1 TONANKAI O.B.S., JHJ2 Mitsune, JHJ3 Mitsune, JTNC Tanabenahech, JIE Ise, JMN Monobe, JTO Tosashimizu, JNU Inuyama, JOD2 Odawara 2, JGF Kuroka, BSO1 Boso 1, CBJ1 Chichi jima, CBJ Chichi jima, JCU Chichijima, JHH2 Haha-jima-NKT2, JRY Ryogami san, JHS Saijiyo, JNU Nakatsue, JNU Nakatsue, MJAR Matsuhiro Arr, MJAR Matsuhiro Arr, MAJO Matsuhiro, MAJO Matsuhiro-Tunnel, JMI MI, JMI Minamidaito 2, JAMN Amaminishikomi, JSD Sado, JTSU Tsushima.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Rows include JMM Marumori, JOW Kunigami, JOW Kunigami, JMK Ichinoseki, JKE Kume jima 2, TJN Tsejon, KRSR Korea Array, KSAR Wonju Array Be, KS19 Wonju Array Si, JOT Tenmabayashi, JTM Ohata, JOSM Okushiri-Mats, JMJJ Maoko jima 2, JMJJ Erimo, YOJ Yonaguni jima, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, JKA Kamikawa-asahi, US08 Ussuriysk Arra, USRK Ussuriysk Ar, TATO Taipei, YHNB Yeheng, YHNB Yeheng, NACB Ninganchiao, NACB Ninganchiao, MDJ Mudanjiang, MDJ Mudanjiang, MDJ Mudanjiang, YULB Yu-li, YULB Yu-li, NJ2 Nanjing, SNY Shenyang, SNY Shenyang, SSSL Suanglung, SSSL Suanglung, TWGBT Beinan, TWG Pingang, CN2 Changchun, TPUB Ta-pu, TPUB Ta-pu, YSS Sakhalins, BNX BinXian, BNX BinXian, TIA Tainan, TIA Tainan, GUMO Guam, GUMO Guam, KLR Kul'dur, BJT Baijiautau, BJT Baijiautau, BJI Beijing, BJI Beijing, WHN Wuhan, WHN Wuhan, HNS HongShan, HNS HongShan, HEH Heihe, HEH Heihe, HIA Hailar, HIA Hailar, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, ENH Enshi, XAN Xi'an, XAN Xi'an, PETK Petropavlovsk-Ulanbaatar, PETK Petropavlovsk-Ulanbaatar, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, MYLDM Lahad Datu, KKM Kota Kinabalu, KKM Kota Kinabalu, PZH PanZhihua, PZH PanZhihua, PZH PanZhihua, GTA Gaotai, GTA Gaotai, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, TOLIZ Tolitoli, TOLIZ Tolitoli, FAKI Fak Fak, SEY Seychchan, TENG TengChong, TNCH TengChong, TNCH TengChong, TNCH TengChong, CRAI Chiangrai, CRAI Chiangrai, PHRA Phrae, GOMU GeerMu, GOMU GeerMu, SBUM Sibuu, SBUM Sibuu, CHTO Chiang Mai, CHTO Chiang Mai, CM31 Chiang Mai Arr.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Rows include CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SHL Shilling, WMQ Urumqi, WMQ Urumqi, SRIT Nakonsritram, SRIT Nakonsritram, MMRI Maumere, BILL Bilbino, TIXI Tiksi, SOEI Soe, KULM Kulim, IPM Iloh, TAPN Tapingjung, MTN Manton Dam, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, RAMM Ramite, JIRN Jirani, JAGI Jagaj, GUN Gumba, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, PKI Makanchi Array, PKI Makanchi Array, DMN Daman, RPSI Rantau Padas, RPSI Rantau Padas, GKM Gorikha, UGN Wanagama, DANN Dangsong, KNRA Kunurata, PYUN Piuthan, GSI Gunungsitoli, MNAI Manna, KURK Kurchatov, NRIK Noril'sk, NRIK Noril'sk, NRIK Noril'sk, NRIK Noril'sk, TARG Taragay, KYRG Kyrgis, KDJ Kajisa, FITZ Fitzroy Crossi, WBO Warramunga Arr, WBO Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, KSH Kashi, KSH Kashi, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, CTAO Charters Tower, AAK Ala-Archa, BVAR Borovoye, BRVK Borovoye, P18K Big Mountain, P18K Big Mountain, NIL Nilore, NIL Nilore, KK31 Karatay Array, KK31 Karatay Array, KKAR Karatay Array, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, IMAR Indian Mountain, PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, PPLA Purkeypile, PPLA Purkeypile, GAR Garm, GAR Garm, SKA Skwentna, SKT Suxinta One, CHGR Chuyararon, CHGR Chuyararon.

26d Oh

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, PDAR Pinedale Array, W35A Tecumseh, etc.

WEL 26:00:25:03.8:0.5,42'S,2:17'4E, h5km, M2.5/6, ML2.7/10, MLV2.5/6, Error ellipse: s-maj=0.0km s-min=0.0km az=87.0, confirmed South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, etc.

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Main table with columns: HOWZ, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Holdsworth Sta, Mangatoinoa R, Rey 26 00:25:22.8, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BORG Borgarnes, SCO Scoresbysund, SUMG Summit, etc.

VORR		comp=Z,15nm,0.4s	LR	LR	01 27 26.4	YKA	comp=Z,4.6nm,0.9s,baz=39,slow=2.9,SNR=19	LR	LR	01 29 40.9	H27K	Steamboat Moun	40.46 328	P	P	01 14 50.7 -0.2
MLR	Muntele Rosu	32.00 111	LR	LR	01 27 26.4	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	LR	LR	01 29 40.9	GLMI	Graying	40.51 270	IAmb	IAmb	01 14 56.2
MLR	Muntele Rosu	32.00 111	P	P	01 13 36.9 -2.1	MLR	comp=Z,2.0nm,1.0s	IAmb	IAmb	01 14 25.5	GLMI	Graying	40.51 270	P	P	01 14 52.2 +0.7
MLR	Muntele Rosu	32.00 111	IAmb	IAmb	01 14 10.4	MLR	comp=Z,2.5nm,1.4s	P	P	01 14 22.0 +1.0	F24K	Squaw Lake	40.52 333	P	P	01 14 51.3 -0.1
MLR	Muntele Rosu	32.00 111	P	P	01 13 36.9 -2.1	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	LR	LR	01 31 31.0	EYMN	Ely	40.52 279	P	P	01 14 52.6 +1.0
VSR	Storozhevoje	32.20 91	eP	eP	01 13 40.3 -0.2	MLR	comp=Z,2.721nm,18.7s,baz=14,slow=39	P	P	01 14 20.6 -1.4	M57A	Sunshine Farm,	40.64 260	P	P	01 14 54.5 +1.9
VSR	Storozhevoje	32.20 91	P	P	01 13 40.3 -0.2	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 16 42.9 +0.5	M57A	Sunshine Farm,	40.64 260	P	P	01 14 54.5 +1.9
VSR	Storozhevoje	32.20 91	P	P	01 13 40.3 -0.2	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 16 42.9 -1.4	MLR	Sachs Harbour	40.73 120	LR	LR	01 34 19.9
A36M	Sachs Harbour	32.39 326	P	P	01 13 40.0 -2.0	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 22.1 -0.1	G25K	Bearman Lake	40.87 331	P	P	01 14 53.8 -0.4
A36M	Sachs Harbour	32.39 326	IAmb	IAmb	01 13 46.3	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 25.5 +1.3	FYU	Fort Yukon	40.88 331	IAmb	IAmb	01 14 59.5
A36M	Sachs Harbour	32.39 326	P	P	01 16 28.2 -0.8	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 27.8 +0.7	N58A	Sunbury	40.92 259	P	P	01 14 56.7 +1.8
PDG	Podgorica	32.41 122	P	P	01 13 40.0 -2.5	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 26.3 -0.4	N58A	Sunbury	40.92 259	P	P	01 14 56.7 +1.8
PDG	Podgorica	32.41 122	IAmb	IAmb	01 13 44.3	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 28.4 -0.2	N58A	Sunbury	40.92 259	P	P	01 14 56.7 +1.8
D62A	Allappott, All	32.72 257	P	P	01 13 46.9 +1.8	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 30.9 +1.9	N58A	Sunbury	40.92 259	P	P	01 14 56.7 +1.8
D62A	Allappott, All	32.72 257	P	P	01 13 46.9 +1.8	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 30.9 +1.9	N58A	Sunbury	40.92 259	P	P	01 14 56.7 +1.8
FCC	Fort Churchill	32.97 292	P	P	01 13 44.1 -3.0	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 29.0 -0.1	ZEI	Tsey	40.99 95	eP	eP	01 14 56.2 +0.4
FCC	Fort Churchill	32.97 292	IAmb	IAmb	01 13 50.9	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 16 45.4 +0.1	ZEI	Tsey	40.99 95	eP	eP	01 14 56.2 +0.4
FCC	Fort Churchill	32.97 292	P	P	01 13 44.1 -3.0	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 30.9 +1.8	ZEI	Tsey	40.99 95	eP	eP	01 14 56.2 +0.4
FCC	Fort Churchill	32.97 292	P	P	01 13 44.1 -3.0	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 30.9 +1.8	ZEI	Tsey	40.99 95	eP	eP	01 14 56.2 +0.4
VRH	Novokhoporsky	33.19 89	eP	eP	01 13 46.5 -2.6	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 29.2 -0.1	B35A	Bob, Littlefor	41.02 281	P	P	01 14 57.0 +1.3
VRH	Novokhoporsky	33.19 89	P	P	01 13 46.5 -2.6	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 29.2 -0.1	I27K	Kandik River	41.03 328	P	P	01 14 54.3 -1.3
VRH	Novokhoporsky	33.19 89	P	P	01 13 46.5 -2.6	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 29.2 -0.1	ERPA	Erie	41.05 263	P	P	01 14 56.3 +0.3
VRH	Novokhoporsky	33.19 89	P	P	01 13 46.5 -2.6	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 29.2 -0.1	M55A	Ridgway	41.14 262	P	P	01 14 57.8 +1.0
E62A	Clayton Lake	33.28 257	P	P	01 13 51.1 +1.1	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 32.5 +1.8	M55A	Ridgway	41.14 262	P	P	01 14 57.8 +1.0
E62A	Clayton Lake	33.28 257	P	P	01 13 51.1 +1.1	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 32.5 +1.8	M55A	Ridgway	41.14 262	P	P	01 14 57.8 +1.0
E62A	Clayton Lake	33.28 257	P	P	01 13 51.1 +1.1	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 32.5 +1.8	M55A	Ridgway	41.14 262	P	P	01 14 57.8 +1.0
E62A	Clayton Lake	33.28 257	P	P	01 13 51.1 +1.1	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 32.5 +1.8	M55A	Ridgway	41.14 262	P	P	01 14 57.8 +1.0
SKO	Skopje	33.54 119	iP	iP	01 13 53.5 +1.2	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 33.2 +0.9	COWI	Conover	41.16 275	P	P	01 14 59.4 +2.5
G65A	Princeton	33.76 253	P	P	01 13 56.0 +1.8	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 32.9 -0.9	G24K	Hadweznec Riv	41.18 332	P	P	01 14 56.7 -0.1
G65A	Princeton	33.76 253	P	P	01 13 56.0 +1.8	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 32.9 -0.9	G24K	Hadweznec Riv	41.18 332	P	P	01 14 56.7 -0.1
G65A	Princeton	33.76 253	P	P	01 13 56.0 +1.8	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 32.9 -0.9	G24K	Hadweznec Riv	41.18 332	P	P	01 14 56.7 -0.1
G65A	Princeton	33.76 253	P	P	01 13 56.0 +1.8	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 32.9 -0.9	G24K	Hadweznec Riv	41.18 332	P	P	01 14 56.7 -0.1
TIRR	Tirgusor	33.78 109	P	P	01 13 52.2 -2.2	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 35.0 -0.3	COLD	Coldfoot	41.18 334	P	P	01 14 56.2 -0.6
TIRR	Tirgusor	33.78 109	IAmb	IAmb	01 13 56.5	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 33.0 -2.0	F22K	John River	41.25 335	P	P	01 14 55.6 -1.8
TIRR	Tirgusor	33.78 109	P	P	01 13 52.2 -2.2	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 35.0 -0.3	GROC	Groznyy	41.36 93	eP	eP	01 14 57.1 -1.4
TIRR	Tirgusor	33.78 109	P	P	01 13 52.2 -2.2	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 35.0 -0.3	GROC	Groznyy	41.36 93	eP	eP	01 14 57.1 -1.4
F62A	Pittston Farm,	34.06 257	P	P	01 13 58.3 +1.5	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 35.4 -0.7	GROC	Groznyy	41.36 93	eP	eP	01 14 57.1 -1.4
F62A	Pittston Farm,	34.06 257	P	P	01 13 58.3 +1.5	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 35.4 -0.7	GROC	Groznyy	41.36 93	eP	eP	01 14 57.1 -1.4
F62A	Pittston Farm,	34.06 257	P	P	01 13 58.3 +1.5	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 35.4 -0.7	GROC	Groznyy	41.36 93	eP	eP	01 14 57.1 -1.4
F62A	Pittston Farm,	34.06 257	P	P	01 13 58.3 +1.5	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 35.4 -0.7	GROC	Groznyy	41.36 93	eP	eP	01 14 57.1 -1.4
C36M	Paulatuk	34.10 322	P	P	01 13 58.5 -1.3	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
C36M	Paulatuk	34.10 322	IAmb	IAmb	01 14 01.0	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
C36M	Paulatuk	34.10 322	P	P	01 13 57.1 +0.2	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
C36M	Paulatuk	34.10 322	P	P	01 13 57.1 +0.2	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
OHR	Ohrid	34.10 121	iP	iP	01 13 58.1 +0.8	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
VLO	Vlora	34.26 123	P	P	01 13 58.0 -0.6	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
VLO	Vlora	34.26 123	P	P	01 13 58.0 -0.6	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
VLO	Vlora	34.26 123	P	P	01 13 58.0 -0.6	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
VLO	Vlora	34.26 123	P	P	01 13 58.0 -0.6	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
NR1K	Noril'sk	34.32 37	P	P	01 13 59.7 +0.9	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
NR1K	Noril'sk	34.32 37	P	P	01 13 59.7 +0.9	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
NR1K	Noril'sk	34.32 37	P	P	01 13 59.7 +0.9	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
NR1K	Noril'sk	34.32 37	P	P	01 13 59.7 +0.9	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
NR1K	Noril'sk	34.32 37	P	P	01 13 59.7 +0.9	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
NR1K	Noril'sk	34.32 37	P	P	01 13 59.7 +0.9	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
NR1K	Noril'sk	34.32 37	P	P	01 13 59.7 +0.9	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
NR1K	Noril'sk	34.32 37	P	P	01 13 59.7 +0.9	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
NR1K	Noril'sk	34.32 37	P	P	01 13 59.7 +0.9	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
NR1K	Noril'sk	34.32 37	P	P	01 13 59.7 +0.9	MLR	comp=Z,2.1um,18.3s,baz=40,slow=37	P	P	01 14 36.4 0.0	G30M	lAoh Zraii Nji	38.72 326	P	P	01 14 36.4 0.0
NR1K	Noril'sk															

26d 1h

2017 MAR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like COLA College, COLA COLA, COLA COLA, L48A N Adams, L48A, TCOL CIGO, I23K Ninto, SCRK Sand Creek, N51A Ashland, N51A, ZKTA Zakatala, F36A Milaca, F36A Milaca, H21K Melozitna, M29M Somme, MCWV Mont Chateau, O53A New Philadelphia, O53A New Philadelphia, HDA Harding Lake, HDA Harding Lake, MLY Manley, SPMN Marine on St., SPMN Marine on St., SPMN Marine on St., S61A Acocomac, S61A, L27K Beaver Creek, L27K Beaver Creek, RIDG Independent, N31M Braeburn, I21K Tanana, NEA2 Nenana, K24K Donnelly, CBN Corbin, O52A Adamsville, O52A Adamsville, O52A Adamsville, AKT Akty, AKT Akty, AKT Akty, GNI Garni, GNI Garni, GNI Garni, SEKA Shoki, MDND Maddock, L26K Log Cabin, N30M Aishikik, N49A Columbus, N49A Columbus, N49A Columbus, BVCY Beaver, P33M Teslin, GANJ Ganja, ACSO Alum, MENT Mentasta, P53A Whipple, P53A Whipple, MNGR Mingechevir, M27K Edge, GURO Guroymak, EDM Edmonson, P52A Corning, L44A Lake County, O30N Mendenhall, Q54A Coxs, Q54A Coxs, F33A 5 Mile, F33A 5 Mile, MCK McKinley, YUK4 Talbot, PAX Paxson, M26K Nabesna, YUK3 Moose, T60A Surry, T60A Surry, BPAW Bear Paw, BBSB BB Station, JFWS Jewell, HYT Haines, O49A Covington, O49A Covington, YUK6 Mount, YUK8 Steele, S57A Dark Hollow.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like S57A, P32M Atlin, P51A Williamsport, P51A Williamsport, BILL Bilibino, BILL Bilibino, BILL Bilibino, BILL Bilibino, DLBC Dease Lake, DLBC Dease Lake, BRDLA Berland, BRDLA Berland, I37B Waseca, GCSA Galena, HUMA Lake, HARP HAARP, T59A Double, T59A Double, O48B Farmland, TRF Thorofare, Q32M Nakina, NAX Nakhchivan, DGMT Dagma, P30M Million, L42A Oliver, CAST Castle, O28M Mount, O29M Mount, MCARA McCarthy, M24K Tolson, R53A Hurricane, R53A Hurricane, P49A Miami, N25K Chitina, N25K Chitina, T57A Hurt, T57A Hurt, U59A Littleton, U59A Littleton, U59A Littleton, PLBC Pleasant, SFIN Lafayette, SFIN Lafayette, TNA Tin, TNA Tin, S34M Telegraph, S54A Dingess, S54A Dingess, L40A Anamosa, K20K Telida, K20K Telida, P48A Milroy, P48A Milroy, PPLA Purkeypyle, SCM Sheep, KLU Klutina, CUT Chitina, PINM Pinnacle, M23K Glacier, SML Sawmill, PNL Peninsula, R32K Eaglecrest, T35M Bob, GHO Glory, ANM Nome, HDIL Hopedale, HDIL Hopedale, P46A Rosedale, O44A Mansfield, ECSD EROS, ECSD EROS, ECSD EROS, ECSD EROS, R50A Paris, R50A Paris, R50A Paris, TTA Talatina, PMR Palmer, KNK Knik, ZAAO Zalesovo, ZALV Zalesovo, ZALV Zalesovo, ZALV Zalesovo, L20K Farewell.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like SKT Skwentna, U56A King, U56A King, V58A Windy Hill, V58A Windy Hill, SUSD Miller, SCIA State Center, SCIA State Center, CNNC Cliffs, S51A Beattyville, S51A Beattyville, R49A Shelbyville, R49A Shelbyville, LKRN Benkeran, N41A Harden, MMAI Mount, S31K Pelican, SUA Susitna, SUA Susitna, S32K Killisnoo, M20K Styx, U54A Nelsons, U54A Nelsons, L19K White, PWL Port, RC01 Rabbit, M19K Big, WCI Wyandotte, WCI Wyandotte, WCI Wyandotte, WCI Wyandotte, P43A Skaggs, WRAK Wrangell, KURK Kurchatov, KURK Kurchatov, V55A Taylorsville, V55A Taylorsville, LAO LSA, LAO LSA, KURBB Kurchatov, SPU Mount, OLIL Olney, EGMT Egleton, TZTN Tazewell, Q44A Meyer, T50A Nancy, T50A Nancy, TAM Tamnasset, TAM Tamnasset, U33K Whale, K31A O'Neill, SVW2 Sparrevo, P40A Paris, N35A Tabor, N35A Tabor, TKL Tuckaleechee, U49A Red, V51A Loudon, T47A Sharon, CASEE Lake, S44A Lake, S44A Lake, RSSD Black, RSSD Black, RSSD Black, BGNE Belgrade, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, FVM French, FVM French, HODGE Hodges, CCM Cathedral, CCM Cathedral, CCM Cathedral, CCM Cathedral, O18K Kothu, N16K Nishlik, CGM3 Cape, NHSC New Hope.

NHSC	New Hope	49.03 258	P		01 16 00.6 +1.1
R40A	Maddies Statio	49.05 272	I	Amb	01 16 02.8
R40A	Maddies Statio	49.05 272	P		01 15 59.3 -0.2
W50A	Signal Mountai	49.11 264	P		01 16 01.0 +0.9
V48A	Smith Brothers	49.20 266	P		01 16 01.0 +0.1
EIL	Elat	49.30 112	LR	LR	01 39 36.5
P18K	Big Mountin	49.30 332	P		01 15 59.5 -1.8
NEW	Newport	49.44 300	LR	LR	01 37 13.1
Q19K	Cape Douglas	49.45 331	P		01 16 00.6 -1.8
RLMT	Red Lodge	49.45 291	P		01 16 02.6 -0.3
Q20K	Shuyak Island	49.49 330	P		01 16 01.9 -1.0
SEY	Seymchan	49.53 5	P		01 16 04.4 +1.4
SEY	Seymchan	49.53 5	P		01 38 17.2
SEY	Seymchan	49.53 5	P		01 16 04.9 +1.9
O16K	Kokwok River B	49.60 334	P		01 16 02.1 -1.4
MSO	Missoula	49.61 296	P		01 16 02.3 -1.7
MSO	Missoula	49.61 296	P		01 16 02.5 -1.5
T42A	Van Buren	49.70 270	I	Amb	01 16 08.1
T42A	Van Buren	49.70 270	P		01 16 04.1 -0.5
BOZ	Bozeman (W)	49.88 294	I	Amb	01 16 10.4
BOZ	Bozeman (W)	49.88 294	P		01 16 04.6 -1.4
S39A	Bolivar	49.98 273	P		01 16 07.1 +0.4
KSU1	Kansas State U	49.99 277	P		01 16 05.7 -1.1
KSU1	Kansas State U	49.99 277	P		01 16 07.4 +0.6
BOD	Bodaibo	50.07 31	eP		01 16 06.0 -1.1
YMP	Mirror Lake Pl	50.10 292	I	Amb	01 16 12.6
P16K	Nushagak River	50.12 334	P		01 16 06.4 -1.0
KDAK	Kodiak Island	50.32 330	LR	LR	01 39 29.5
KDAK	Kodiak Island	50.32 330	P		01 16 06.2 -2.8
X48A	Hartselle	50.43 265	I	Amb	01 16 13.6
X48A	Hartselle	50.43 265	P		01 16 11.1 +0.9
OGNE	Ogallala	50.43 283	P		01 16 11.8 +1.6
H17A	Grant Village	50.55 292	P		01 16 12.0 +0.7
LCAR	Lake Charles	50.57 270	I	Amb	01 16 14.8
LCAR	Lake Charles	50.57 270	P		01 16 11.3 +0.2
154A	Montrose	50.57 260	P		01 16 13.7 +2.5
K22A	Casper	50.61 287	I	Amb	01 16 15.7
K22A	Casper	50.61 287	P		01 16 10.0 -1.6
K22A	Casper	50.61 287	P		01 16 11.8 +0.2
GEYT	Alibek	50.62 85	P		01 16 12.3 +0.7
GEYT	Alibek	50.62 85	LR	LR	01 38 56.9
W45A	Hickory Valley	50.62 267	P		01 16 11.6 0.0
W45A	Hickory Valley	50.62 267	P		01 16 12.1 +0.6
DGZ	Jazzator, Alta	50.67 54	eP		01 16 13.4 +1.4
Y49A	Blount Mountai	50.71 264	I	Amb	01 16 16.2
Y49A	Blount Mountai	50.71 264	P		01 16 11.1 -1.3
Z51A	Franklin	50.73 263	P		01 16 12.2 -0.2
KKAR	Karatay Array	50.73 71	P		01 16 11.1 -1.3
KKAR	Karatay Array	50.73 71	P		01 16 11.1 -1.3
HBAR	Harrisburg	50.83 269	P		01 16 12.3 -0.8
255A	Hazlehurst	50.95 259	P		01 16 14.9 +0.9
U40A	Yellville	50.97 272	P		01 16 14.0 -0.2
U40A	Yellville	50.97 272	P		01 16 14.0 -0.2
OHAK	Old Harbor	50.98 330	P		01 16 20.5 +6.5
FCAR	Ozark Folk Cen	51.10 271	I	Amb	01 16 18.8
152A	Waverly Hall	51.13 262	I	Amb	01 16 19.8
152A	Waverly Hall	51.13 262	P		01 16 16.7 +1.2
R17K	Ugashik Creek	51.16 332	P		01 16 13.2 -2.1
OXF	Oxford	51.28 267	P		01 16 16.9 +0.4
R32A	Long Quarter	51.38 278	I	Amb	01 16 21.1
R32A	Long Quarter	51.38 278	P		01 16 18.2 +0.9
CBKS	Cedar Bluff	51.43 279	P		01 16 18.0 +0.3
CBKS	Cedar Bluff	51.43 279	P		01 16 17.9 +0.3
HHAR	Hobbs	51.45 273	I	Amb	01 16 20.9
U38A	Gravette	51.48 273	I	Amb	01 16 20.8
U38A	Gravette	51.48 273	P		01 16 17.5 -0.6
MK31	Makanchi Array	51.59 59	dP		01 16 18.7 -0.1
MKAR	Makanchi Array	51.59 59	P		01 16 19.2 +0.5
MKAR	Makanchi Array	51.59 59	P		01 17 33.0 +0.5
MKAR	Makanchi Array	51.59 59	P		01 18 19.3 +3.5
MKAR	Makanchi Array	51.59 59	LR	LR	01 38 08.1
MKAR	Makanchi Array	51.59 59	P		01 16 17.9 -0.8
BW06	Boulder Array	51.60 290	I	Amb	01 16 22.6
BW06	Boulder Array	51.60 290	P		01 16 20.4 +1.3
PD31	Pinedale Array	51.60 290	I	Amb	01 16 18.5 -0.7
PD31	Pinedale Array	51.60 290	P		01 16 22.6
PDAR	Pinedale Array	51.60 290	P		01 16 20.2 +1.0
PDAR	Pinedale Array	51.60 290	PP		01 18 22.1 +5.8
PDAR	Pinedale Array	51.60 290	LR	LR	01 38 02.3
LRAL	Lakeview Retre	51.67 264	P		01 16 20.0 +0.5
LRAL	Lakeview Retre	51.67 264	P		01 16 19.8 +0.4
WHWY	Woolly Hollow	51.69 270	I	Amb	01 16 23.4
RRWV	Rawlins	51.70 287	I	Amb	01 16 22.7
TIGA	Tifton	51.80 260	P		01 16 21.5 +1.1

PLID	Pearl Lake	51.83 297	I	Amb	01 16 24.3
T35B	Sooner Cattle	51.87 275	P		01 16 21.1 +0.1
Y45A	Year Farm, C	51.90 267	P		01 16 21.6 +0.5
N23A	Red Feather La	51.92 286	P		01 16 21.5 -0.2
KAN01	Argonia South	52.13 277	I	Amb	01 16 26.2
UALR	University of	52.16 270	P		01 16 23.3 +0.2
UALR	University of	52.16 270	I	Amb	01 16 28.4
250A	Kaye Shedlock	52.33 263	P		01 16 24.7 +0.3
KSCO	Kaye Shedlock	52.34 282	P		01 16 24.2 -0.4
KSCO	Kaye Shedlock	52.34 282	P		01 16 25.5 +0.9
KSCO	Kaye Shedlock	52.34 282	P		01 16 24.5 -0.1
KAN14	Manchester OK	52.39 277	I	Amb	01 16 28.8
TUL1	Leonard	52.48 274	P		01 16 25.3 -0.2
AAK	Ala-Archa	52.57 68	LR	LR	01 38 10.5
AAK	Ala-Archa	52.57 68	P		01 16 25.3 -0.9
AAK	Ala-Archa	52.57 68	P		01 16 27.3 +1.0
HLID	Hailey	52.62 294	P		01 16 26.7 0.0
ISCO	Idaho Springs	52.76 285	P		01 16 28.8 +0.9
ISCO	Idaho Springs	52.76 285	P		01 16 29.1 +1.2
MOY	Mondy	52.77 43	eP		01 16 28.8 +1.2
MA2	Magadan	52.83 7	P		01 16 26.7 -1.1
MA2	Magadan	52.83 7	P		01 16 26.7 -1.1
MIAR	Mount Ida	52.84 271	P		01 16 28.3 +0.1
MIAR	Mount Ida	52.84 271	P		01 16 28.3 +0.1
MIAR	Mount Ida	52.84 271	P		01 16 28.1 -0.1
MIAR	Mount Ida	52.84 271	P		01 16 28.8 +0.6
OK030	Cody Creek RV	52.84 275	I	Amb	01 16 32.1
BBTS	Babate	52.98 177	LR	LR	01 35 17.1
Q24A	Divide	53.32 284	P		01 16 31.9 -0.2
O20A	White River Ci	53.43 287	I	Amb	01 16 37.9
O20A	White River Ci	53.43 287	P		01 16 33.0 +0.2
X37A	Clayton	53.49 273	I	Amb	01 16 36.5
X37A	Clayton	53.49 273	P		01 16 33.3 +0.4
W35A	Tecumseh	53.56 275	I	Amb	01 16 37.7
143A	Socs Landing,	53.64 268	P		01 16 35.6 +1.5
FNO	Franklin	53.67 275	I	Amb	01 16 36.7
SDPT	Sand Point	54.05 334	P		01 16 36.1 -0.6
GAR	Garm	54.26 74	P		01 16 37.8 -0.8
ZBGU	Big Grassy Moun	54.46 292	I	Amb	01 16 44.6
138A	Mt. Pleasant	54.52 272	P		01 16 42.2 +1.8
SDCO	Great Sand Dun	54.53 284	P		01 16 41.5 +0.6
SDCO	Great Sand Dun	54.53 284	P		01 16 41.9 +1.1
ZAK	Zakamensk	54.53 42	eP		01 16 41.1 +0.6
ZAK	Zakamensk	54.53 42	P		01 16 45.5
WMOK	Wichita Mounta	54.65 276	I	Amb	01 16 41.6 +0.1
WMOK	Wichita Mounta	54.65 276	P		01 16 42.1 +0.6
WMOK	Wichita Mounta	54.65 276	P		01 16 44.0 +2.3
T25A	Trinidad	54.66 282	P		01 16 43.2 -0.3
P17A	Butcher Ranch,	54.92 289	I	Amb	01 16 47.7
P17A	Butcher Ranch,	54.92 289	I	Amb	01 16 49.0
S22A	4UR Ranch, Cr	55.02 285	P		01 16 46.7 +2.3
S22A	4UR Ranch, Cr	55.02 285	P		01 16 49.0
DUG	Dugway, Tooele	55.03 291	I	Amb	01 16 45.2 +1.0
DUG	Dugway, Tooele	55.03 291	P		01 16 45.9 +1.2
PV07	Paradox Valley	55.08 287	P		01 16 49.9
SRU	San Rafael Sve	55.16 289	I	Amb	01 16 49.3
J05D	Fort Rock, OR	55.19 300	P		01 16 45.0 -0.4
WTFK	Witchita Falls	55.39 275	I	Amb	01 16 51.2
ELK	Elko	55.40 293	LR	LR	01 16 38.5
AMTX	Amarillo	55.62 279	P		01 16 50.0 +1.5
NATX	Nacogdoches	55.73 271	P		01 16 50.3 +1.1
FW06	Azle	55.75 274	I	Amb	01 16 53.4
KSH	Kashi	55.84 69	P		01 16 53.0 +2.9
KSH	Kashi	55.84 69	S		01 24 41.8 +4.7
KSH	Kashi	55.84 69	P		01 16 53.4 +2.6
FW03	Ferrin-Whitt E	55.89 274	I	Amb	01 16 54.4
237A	Washetta, Mont	55.95 272	P		01 16 53.4 +2.6
WMQ	Urumqi	55.98 57	eP		01 16 54.3 +3.3
WMQ	Urumqi	55.98 57	S		01 17 01.0 +5.6
WMQ	Urumqi	55.98 57	P		01 16 54.3 +3.3
WMQ	Urumqi	55.98 57	LR	LR	01 17 01.0 +5.6
WMQ	Urumqi	55.98 57	LR	LR	01 16 54.3 +3.3
TOA0	Torodi Ar. Sit	56.10 156	P		01 16 51.7 -0.3
TOA0	Torodi Ar. Sit	56.10 156	I	Amb	01 16 57.5
TORD	Torodi Ar. 2m	56.10 156	P		01 16 52.8 +0.8
TORD	Torodi Ar. 2m	56.10 156	P		01 16 52.8 +0.8
MVCO	Mesa Verde	56.11 286	P		01 16 51.6 -0.6
MVCO	Mesa Verde	56.11 286	I	Amb	01 16 56.8
MVCO	Mesa Verde	56.11 286	P		01 16 52.5 +0.3
MOD	Modoc Plateau	56.11 298	I	Amb	01 16 57.1
FW13	Cleburne	56.26 273	I	Amb	01 16 56.8
ZEA	Zeya	56.28 24	eP		01 16 54.9 +2.1
ZEA	Zeya	56.28 24	e		01 19 02.2
ZEA	Zeya	56.28 24	P		01 16 54.9 +2.1
ZEA	Zeya	56.28 24	MLR	MLR	01 19 02.2
ZEA	Zeya	56.28 24	MLR	MLR	01 16 51.8 -2.1
UNV	Unalaska Valle	56.44 338	P		01 16 51.8 -2.1

WHTX	Lake Whitney,	56.59 273	I	Amb	01 16 59.2
WHTX	Lake Whitney,	56.59 273	P		01 16 56.0 +0.7
WHTX	Lake Whitney,	56.59 273	P		01 16 56.8 +1.5
MTPU	Mount Pierson	56.71 289	I	Amb	01 17 01.8
MSTX	Muleshoe	56.85 279	P		01 16 57.3 -0.1
ABTX	Abilene, Hawle	56.86 276	P		01 16 59.3 +2.0
ABTX	Abilene, Hawle	56.86 276	P		01 16 58.6 +1.3
YBH	Yreka Blue Hor	57.07 300	LR	LR	01 42 23.0
POST	Post	57.17 278	I	Amb	01 17 03.2
ANMO	Albuquerque	57.36 283	LR	LR	01 41 05.3
ANMO	Albuquerque	57.36 283	P		01 17 00.5 -0.6
ANMO	Albuquerque	57.36 283	P		01 17 03.2 +2.1
ANMO	Albuquerque	57.36 283	P		01 17 02.4 +1.3
CCUT	Cedar City	57.57 290	I	Amb	01 17 07.6
R11B	Troy Canyon, C	57.65 292	P		01 17 03.2 +0.2
SONM	Sanguino Array	57.67 41	P		01 17 03.7 +0.6
SONM	Sanguino Array	57.67 41	P		01 17 56.9 +0.9
SONM	Sanguino Array	57.67 41	LR	LR	01 45 06.6
435B	Jarrell	57.72 273	P		01 17 02.2 -1.2
KBL	Kabul	57.73 77	P		01 17 03.6 -0.1
KBL	Kabul	57.73 77	P		01 17 03.6 -0.1
PAHR	Pah Rah Range	57.76 296	I	Amb	01 17 08.3
HKT	Hockley	57.79 271	P		01 17 04.7 +0.9
HKT	Hockley	57.79 271	P		01 17 04.7 +0.9
HKT	Hockley	57.79 271	P		01 17 05.3 +1.5
ULN	Ulaanbaatar	57.81 40	I	Amb	01 17 04.0 0.0
ULN	Ulaanbaatar	57.			

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like FINES, EKA, NOA, TORO, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MLPR, AGPR, GBPR, etc.

IDC 26 06:07:06.4 1.9, 15:06Sx166.34E, h0km, mb3.3/3, mltmp3.5/4, ML3.9/1, MS3.4/2, Error ellipse: s-maj=50.6km s-min=35.4km az=123.0

NOU 26 06:07:11.6, 15:37S:167.58E, h119km, MLV4.2/9, Vanuatu Islands

ISC 26 06:07:11.1-1.4, 15:45S:01:166.9E:0.2, h50km, n11, o1999/10, mb3.3/3, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like DVP, RTV, LIFOU, etc.

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

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

ROM 26 06:11:33.1-0.2, 38:69N:01:13:00E:0.02, h27km, 1km, az=274.0

IDC 26 06:11:41.9-1.6, 37:69N:12:88E, h0km, mb3.5/3, mltmp3.5/3, ML2.2/1, Error ellipse: s-maj=35.4km s-min=20.9km az=10.0

ISC 26 06:11:33.5-1.1, 38:67N:0:04:12.98E:0.04, h23km, 8km, n48, o674/51, mb3.7/3, 1D, Sicily

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CET2, MGR, CDRU, etc.

IDC 26 06:53:45.9-0.7, 5:13S:145:48E, h87km, 6km, mb3.9/19, mltmp4.3/24, MS3.3/6, Error ellipse: s-maj=17.8km s-min=10.8km az=78.0

NEIC 26 06:53:45.4-1.5, 5:19S:0:07:145:30E:0.06, h75km, 6km, mb4.5/4, Error ellipse: s-maj=10.9km s-min=7.4km az=139.0

DJA 26 06:53:47.6-0.5, 5:4:14:5E, h94km, 6km, M4.9/19, mb5.5/3, mb4.6/19, MLV5.0/3, Mw(mB)4.9/3

ISC 26 06:53:45.5-0.5, 5:19S:0:05:145:40E:0.06, h78km, 5km, h78km:pp-P, n120, o1:25/123, mb4.5/43, 1C, Eastern New Guinea region

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KEST, T1256, T1256, etc.

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

NEIC 26 06:17:11.9-0.6, 18:0N:0:2:68:74W:0:07, h126km, 12km, ML3.1/36, MD3.4/29(RSPR), Error ellipse: s-maj=30.5km s-min=7.9km az=188.0

RSPR 26 06:17:12.6, 18:03N:68:73W, h121km, 2km, MD3.4/15

ISC 26 06:17:12.1-1.6, 17:8N:0:1:68:79W:0:05, h100km, n50, o558/54, 16C, Mona Passage

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

26d 7h

Table with columns: STATION, Name, Az, El, P, S, Time, Res, and various station codes (DZM, STKA, STKA, etc.). Includes station names like Mont Dzumac, Stephens Creek, and various other locations.

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Table with columns: YKA, Code, Station Name, Az, El, P, S, Time, Res, and various station codes (DZM, STKA, etc.). Includes station names like Devils Point, Pentapao, KOUNC, etc.

1500

Table with columns: ILAR, Code, Station Name, Az, El, P, S, Time, Res, and various station codes (WATA, MOTA, etc.). Includes station names like Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KANH Kane Nui o Ham, HMC Hot Caves, RSD Rainsheds, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PPTM Peach Tree Val, PJUM Juniper Ridge, HMOM Monterey, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HOPS, YERR Yerrington, MPK Maris Peak, etc.

IDC 26 08:04:41.4e.1.0, 14:55N, 144:32E, h0km, mb3.9/8, mdtmp3.9/8, MS4.6/1, Error ellipse: s-maj=35.8km

s-min=15.5km az=70.0, NEIC 26 08:04:42.0.1.1, 14:73N, 144:66E, 0.2, h10km, 1km, mb4.4/15, Error ellipse: s-maj=40.0km s-min=3.0km

az=82.0, ISC 26 08:04:42.2.0.8, 14:63N, 144:56E, 0.2, h10km, n33, o#84/26, mb4.3/17, Mariana Islands

Main station list table for the first section, including GUMO Guam, H11S3 WAKE ISLAND HY 21.65 77 T, etc.

Main station list table for the second section, including PPTM Peach Tree Val, PJUM Juniper Ridge, HMOM Monterey, etc.

Main station list table for the third section, including HOPS, YERR Yerrington, MPK Maris Peak, etc.

NEIC 26 08:07:22.1.2.1.3, 36:53N, 120:121.21W, 0.03, h18km, 2km, Error ellipse: s-maj=3.7km s-min=2.9km az=65.0

NCEDC 26 08:07:22.1.2.4, 36:56N, 120:121.16W, 0.02, h8km, 4km, ML3.1/28, ML3.0/68(NEIC), Error ellipse: s-maj=2.0km

s-min=1.7km az=63.0, ISC 26 08:07:21.8.0.8, 36:54N, 120:121.19W, 0.02, h11km, 5km, n176, o#87/180, Central California

Main station list table for the fourth section, including BPIM Pinnacles, HFBG Big Mountain B, BBSG Big Mountain B, etc.

Main station list table for the fifth section, including MDRNC Doe Ridge, NYTM Taylor, LMRK Lookout Mount, etc.

ANF 26 08:25:43.7.0.2, 33:21'N, 116:07'W, h19km, 3km, ML3.7/32, Error ellipse: s-maj=1.7km s-min=1.4km az=177.0

NEIC 26 08:25:44.4.1.2, 33:21'N, 116:07'W, 0.01, h20km, 5km, Error ellipse: s-maj=2.2km s-min=1.5km az=213.0

PAS 26 08:25:44.7.1.2, 33:21'N, 116:07'W, 0.01, h18km, 0.004, h13km, 3km, Mwr3.5/6, ML3.6/40(NEIC), Error ellipse: s-maj=1.3km s-min=0.5km az=198.0

ISC 26 08:25:44.1.0.9, 33:22'N, 116:09'W, 0.01, h18km, 2km, n141, o#979/213, Southern California

Main station list table for the sixth section, including Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SALN Salton City, SALN Sleepy Hollow, SLH Elmora Ranch, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WEMD, MATG, COXK, CTW, PMD, PFO, FRD, IMPPE, WESC, SDSA, BZNA, IKP, DNR, YUH, HAY, RMX, SGL, CRY, SNR, PLM, GVDA, DREC, BC3, EML, BAR, DDP, EW2, TKX, BELC, BELC, BELC, UABX, DEVC, DUVZ, DUAZ, POB, SDR, COA, DGR, BLAC, BACC, MTRP, HMT, 109C, 109C, 109C, CPE, OLF, GORC, RUN, SDMC, MURC, MURC, MURC, BBX, CBX, GLA, GLA, GLA, GTM, PELS, ELSJX, ELSJX, ELSJX, IRM, IRM, GUVIX, GUVIX.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GUVIX, BBRC, BLYC, CCX, GMRC, HEC, BFSC, RRR, RRX, VTX, FMP, PDMCI, CIS, NEE2, NEE2, 113A, DECC, GSC, GSC, TUQ, TUQ, EDW2, EDW2, OSI, OSI, LRMC, LRMC, W13A, Y14A, SHOC, SHOC, V12A, P1X, QVM, ARVC, GWY, 214A, 214A, MPMC, ISA, ISA, SHPR, WCT, TPVW, TPVW, TPVW, GRAC, X16A, LCH, DSP, LCMT, WUAZ, TUC, TUC, KNB, CCUT, PMPH, TPH, X16A, W18A, SPR3, KVN, 121A, 121A, INET, SNET, ISC, Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRVT, DZM, WRA, WRA, ASAR, SONM, MKAR, ILAR, ZALV, IDC, AFI, AFI, DZM, URZ, KRVT, STKA, WRA, WRA, ASAR, ASAR, NVAR, ILAR, PDAR, BRTR, IDC, JUNU, ILAR, YKA, FINES, DJA, NEIC, IDC, KAPI, KAPI, SANI, BKSI, LBMI, SIJI, IPM, KULM, RPSI, RPSI, CMAR, CMAR, CMAR, PZH, PZH, NJ2, NJ2, GUMG, WBO, WBO, WRA, WRA.

26d 9h

Table with columns: EYAK, Cordova Ski Ar, 3.26 125 P, Pn, 09 35 08.9 -0.7, etc. Lists various stations and their associated data.

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Table with columns: YUK4, Talbot Arm, 6.01 96 P, Pn, 09 35 47.0 -0.2, etc. Lists various stations and their associated data.

1504

Table with columns: BRTR, comp=Z, 1.92nm, 18.4s, baz=144, slow=35, etc. Lists various stations and their associated data.

INET 26 09:35:25.3:0.6, 13:07N:88.41W, h20km, 5km, MW2.8

SNET 26 09:35:25.2:1.5, 12.94N:88.37W, h75km, 10km, ML3.0

ISC 26 09:35:26.6:1.5, 13.00N:0.1:88.37W, 0.05, 171km, 13km, n28, c08737, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s. Lists station codes and names.

IDC 26 09:47:28.7:0.7, 13:10N:50.88E, h0km, mb4.2/15, mbmp4.2/16, ML3.5/1, MS3.8/4E, Error ellipse:

s-maj=19.3km s-min=16.4km az=122.0 NEIC 26 09:47:29.8:1.2, 13:11N:0.2:51.0E:0.1, h10km, 2km, mb4.4/10, Error ellipse: s-maj=33.7km s-min=17.9km

ISC 26 09:47:31.0:0.7, 13:22N:0.1:50.85E:0.10, h16km, n67, c109/34, mb4.3/20, MS3.8/4E, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s. Lists station codes and names.

NOU 26 09:49:50.4, 18:02S:170:24E, h410km, MLV4.3/10, Vanuatu Islands

IDC 26 09:52:48.1, 19:01S:167:86E, h0km, mb3.7/3, mbmp2.6/4, ML3.1/1, Error ellipse: s-maj=134.3km s-min=51.6km az=81.0

ISC 26 09:50:24.6:1.8, 19:09S:0.08:168:4E:0.2, h35km, n10, c084/10, mb3.6/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s. Lists station codes and names.

26d 11h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KHU Kahuku, POHA Pohakuloa, AIN Ainhahou, etc.

IDC 26 10:15:31.9±1.9, 5.65N:120:32E, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=419.7km s-min=29.8km az=60.0, Sulu Archipelago

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, STKA Stephens Creek, MKAR Makanchi Array.

IDC 26 10:33:46.1±5.3, 7.17S:74:38W, h140km, 6.6km, mb3.3/2, mbtmp3.9/5, Error ellipse: s-maj=91.7km s-min=19.7km az=34.0

VAO 26 10:33:57.6±1.2, 7.40S:73:58W, h163km, mbR4.2 IDC 26 10:33:47.1±0.7, 7.33S:09:74.50W±0.06, h150km, n27, r1659/29, mb3.5/3, Peru-Brazil border region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like CZSB Cruzeiro do Su, ATAH Atahualpa, NNA Nana, etc.

GRAL 26 10:35:16.4±0.3, 33.71N:34:97E, h26km, 2km, MD3.2 NIC 26 10:35:16.1±0.0, 33.71N:35:04E, h33km, 5.5km, MI3.2/10 GII 26 10:35:16.4±0.0, 33.59N:35:00E, h14km, MD2.8/9, Mm3.0/11 JSO 26 10:35:18.1, 33:54N:35:10E, h8km, 6km, ML2.7/12, Mv3.1/12 DDA 26 10:35:20.6±0.0, 34:27N:34:81E, h7km, 3km, ML2.6 ISK 26 10:35:20.5, 34:02N:34:56E, h1km, ML3.4/16 ISC 26 10:35:13.1±1.1, 33.73N:02:35.00E±0.02, h14km, 9km, n72, r1558/114, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BEYL Beirut, DQRL Deir Qamar, DQRL.

2017 MAR

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BHL Bhannes, QAROUQ Qaraouq, HNTI Hanita, etc.

1506

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KZIT, PRNI Karaman, KERG Konya-Eregli, etc.

26d 12h

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

2017 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11N1, H11N3, H11S1, etc.

1508

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

mb4.6/17, Error ellipse: s-maj=43.7km s-min=20.7km az=10.0
IDC 26 12:17:17.0:6.9, 19.02S:174.71W, h325km, 32km, mb3.9/3,
mbmp4.3/5, Error ellipse: s-maj=129.4km s-min=51.0km az=142.0
ISC 26 12:17:16.0:1.9, 19.75S:0.4:174.9W:0.2, h300km, n25,
c2518/22, mb4.1/11, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like MSVF Nonsavu, MSVF Nonsavu, PINNC Pines Island, etc.

IDC 26 12:25:04.5:9.7, 19.58S:178.86W, h471km, 50km,
mb2.6/3, mbmp3.5/5, Error ellipse: s-maj=235.4km
s-min=30.2km az=141.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like MSVF Nonsavu, DZM Mont Dzumac, WRA Warrunganga Arr, etc.

WEL 26 12:30:59.2:0.3, 43.9S:2.173E, h5km, M3.0/11,
ML3.1/12, MLV3.0/11, Error ellipse: s-maj=0.0km
s-min=0.0km az=111.3, confirmed, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like GVZ Greta Valley S, LTZ Lake Taylor, KHZ Kahutara, etc.

JMA 26 12:34:29.0:3.4, 44.1N:14.8E, h13km, MV3.9/32, E
OFF HOKKAIDO
SKHL 26 12:34:32.0:0.1, 44.20N:147.60E, h44km, 5km, mb4.7/4
ISC 26 12:34:27.4:2.1, 44.04N:108.147E:0.1, h11km, 13km,
n19, c1949/31, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like SHO Shikotan, SHO 170nm, 0.2s, SHO 1um, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, etc.

IDC 26 12:39:19.6:3.8, 23.17S:179.49W, h571km, 50km, mb3.6/4,
mbmp4.4/7, Error ellipse: s-maj=97.6km s-min=37.8km
az=69.0
NEIC 26 12:39:20.1:1.4, 23.3S:0.1:179.6W:0.1, h561km, 11km,
mb4.4/20, Error ellipse: s-maj=24.5km s-min=7.9km
az=149.0
ISC 26 12:39:19.4:0.9, 23.39S:0.09:179.6W:0.1, h550km, n35,
c1914/36, mb4.3/12, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like MSVF Nonsavu, MSVF Nonsavu, PINNC Pines Island, etc.

IDC 26 12:42:19.0:3.4, 43.9S:2.173E, h5km, M3.0/11,
ML3.1/12, MLV3.0/11, Error ellipse: s-maj=0.0km
s-min=0.0km az=111.3, confirmed, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like STKA Stephens Creek, BBOO Buckleboo, AS31 Alice Springs, etc.

IDC 26 12:47:11.8:0.6, 16.37S:66.63E, h0km, mb4.2/17,
mbmp4.2/17, MS3.8/32, Error ellipse: s-maj=19.6km
s-min=16.0km az=170.0
ISC 26 12:47:13.4:0.7, 16.45S:0.2:66.6E:0.1, h10km, n62,
c0973/34, mb4.5/29, MS3.8/32, 2C-1D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 26 12:47:11.8:0.6, 16.37S:66.63E, h0km, mb4.2/17,
mbmp4.2/17, MS3.8/32, Error ellipse: s-maj=19.6km
s-min=16.0km az=170.0
ISC 26 12:47:13.4:0.7, 16.45S:0.2:66.6E:0.1, h10km, n62,
c0973/34, mb4.5/29, MS3.8/32, 2C-1D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like WSAR Wadi Sarin, BRDH Bariadhala, H01W3 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, MAW Mawson, etc.

IDC 26 12:47:11.8:0.6, 16.37S:66.63E, h0km, mb4.2/17,
mbmp4.2/17, MS3.8/32, Error ellipse: s-maj=19.6km
s-min=16.0km az=170.0
ISC 26 12:47:13.4:0.7, 16.45S:0.2:66.6E:0.1, h10km, n62,
c0973/34, mb4.5/29, MS3.8/32, 2C-1D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like MSVF Nonsavu, MSVF Nonsavu, PINNC Pines Island, etc.

IDC 26 12:47:11.8:0.6, 16.37S:66.63E, h0km, mb4.2/17,
mbmp4.2/17, MS3.8/32, Error ellipse: s-maj=19.6km
s-min=16.0km az=170.0
ISC 26 12:47:13.4:0.7, 16.45S:0.2:66.6E:0.1, h10km, n62,
c0973/34, mb4.5/29, MS3.8/32, 2C-1D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like MSVF Nonsavu, MSVF Nonsavu, PINNC Pines Island, etc.

IDC 26 12:47:11.8:0.6, 16.37S:66.63E, h0km, mb4.2/17,
mbmp4.2/17, MS3.8/32, Error ellipse: s-maj=19.6km
s-min=16.0km az=170.0
ISC 26 12:47:13.4:0.7, 16.45S:0.2:66.6E:0.1, h10km, n62,
c0973/34, mb4.5/29, MS3.8/32, 2C-1D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like MSVF Nonsavu, MSVF Nonsavu, PINNC Pines Island, etc.

IDC 26 12:47:11.8:0.6, 16.37S:66.63E, h0km, mb4.2/17,
mbmp4.2/17, MS3.8/32, Error ellipse: s-maj=19.6km
s-min=16.0km az=170.0
ISC 26 12:47:13.4:0.7, 16.45S:0.2:66.6E:0.1, h10km, n62,
c0973/34, mb4.5/29, MS3.8/32, 2C-1D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like MSVF Nonsavu, MSVF Nonsavu, PINNC Pines Island, etc.

IDC 26 12:47:11.8:0.6, 16.37S:66.63E, h0km, mb4.2/17,
mbmp4.2/17, MS3.8/32, Error ellipse: s-maj=19.6km
s-min=16.0km az=170.0
ISC 26 12:47:13.4:0.7, 16.45S:0.2:66.6E:0.1, h10km, n62,
c0973/34, mb4.5/29, MS3.8/32, 2C-1D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like MSVF Nonsavu, MSVF Nonsavu, PINNC Pines Island, etc.

IDC 26 12:47:11.8:0.6, 16.37S:66.63E, h0km, mb4.2/17,
mbmp4.2/17, MS3.8/32, Error ellipse: s-maj=19.6km
s-min=16.0km az=170.0
ISC 26 12:47:13.4:0.7, 16.45S:0.2:66.6E:0.1, h10km, n62,
c0973/34, mb4.5/29, MS3.8/32, 2C-1D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Lists stations like MSVF Nonsavu, MSVF Nonsavu, PINNC Pines Island, etc.

Table with columns: UGM, Wanaagama, 4.04 111, Pn, Pn, 15 07 52.0 +0.9

comp=Z,2.1nm,1.4s WRA Warramunga Arr comp=Z,0.8nm,1.1s,ba=296,slow=13,SNR=14

Table with columns: ASAR Alice Springs 31.23 126 P P 15 12 56.3 +1.7

Table with columns: STKA Stephens Creek 41.20 312 P P 15 14 21.4 +2.3

Table with columns: STKA Stephens Creek 41.20 132 P P 15 14 21.3 +2.1

Table with columns: MKAR Makanchi Array 57.28 340 P P 15 16 19.0 -1.9

Table with columns: MKAR Makanchi Array 57.28 340 P P 15 16 18.5 -2.4

Table with columns: ABKAR Akbulak array 68.81 329 P P 15 17 34.7 -2.1

Table with columns: BRTR Keskin Array B 81.27 312 P P 15 18 48.3 -0.4

Table with columns: QSPA South Pole Qui 83.53 180 P P 15 19 01.7 +1.8

Table with columns: QSPA South Pole Qui 83.53 180 P P 15 19 01.4 +1.6

Table with columns: LIT Litokhoron 89.72 310 P P 15 19 29.9 -0.4

DDA 26 15:12:14.6,0.0,39.57N,26.12E,h8km,1km,ML2.6

ISK 26 15:12:14.6,0.0,39.56N,26.08E,h6km,ML2.6/34

ATH 26 15:12:15.3,39.56N,26.08E,h9km,1km,ML2.6/8,Error ellipse: s-maj=1.0km s-min=0.8km az=251.0

ISC 26 15:12:14.8,0.0,39.56N,0.02,26.08E,0.02,h11km,6km,n57,-056577,Turkey

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

Table with columns: KOCA Canakkale, Ayy 0.70 140 P P 15 12 16.7 -0.5

Table with columns: GPNR Gulpinar-Canak 0.11 157 P P 15 12 17.4 -0.2

Table with columns: BOZC Bozcaada 0.28 356 P P 15 12 19.7 +0.1

Table with columns: EZN Ezine 0.33 36 P P 15 12 21.0 +0.0

Table with columns: EZN Ezine 0.33 36 P P 15 12 26.3 +0.0

Table with columns: PRK Paraskevi 0.35 154 P P 15 12 21.9 +0.2

Table with columns: PRK Paraskevi 0.35 154 P P 15 12 28.7 +0.5

Table with columns: SAGR SIGRI 0.39 206 P P 15 12 22.8 +0.3

Table with columns: SAGR SIGRI 0.39 206 P P 15 12 28.7 +0.9

Table with columns: SAGR SIGRI 0.39 206 P P 15 12 22.8 +0.3

Table with columns: SAGR SIGRI 0.39 206 P P 15 12 28.4 +0.8

Table with columns: SAGR SIGRI 0.39 206 P P 15 12 30.4 +0.8

Table with columns: BAYC CANAKKALE_Bayr 0.41 63 P P 15 12 22.2 -0.7

Table with columns: BAYC CANAKKALE_Bayr 0.41 63 P P 15 12 27.3 -1.0

Table with columns: BAYC CANAKKALE_Bayr 0.41 63 P P 15 12 28.0 -1.0

Table with columns: ECEA Canakkale, Ece 0.49 9 P P 15 12 24.1 -0.3

Table with columns: COMU Canakkale 0.62 29 P P 15 12 27.0 +0.1

Table with columns: GOKA anakkale-Gk 0.64 348 P P 15 12 36.1 -0.3

Table with columns: GOKA anakkale-Gk 0.64 348 P P 15 12 37.3 +0.0

Table with columns: GADA Gvkeada 0.65 348 P P 15 12 37.5 +0.2

Table with columns: LIA Limnos Island 0.77 296 P P 15 12 30.1 -0.1

Table with columns: LIA Limnos Island 0.77 296 P P 15 12 40.3 -0.3

Table with columns: LIA Limnos Island 0.77 296 P P 15 12 43.2 -0.3

Table with columns: BUHA Balikesir, Bur 0.78 94 P P 15 12 29.0 -0.8

Table with columns: DKL Dikili 0.81 127 P P 15 12 30.6 -0.2

Table with columns: CANI Can-anakkale 0.88 59 P P 15 12 31.9 -0.2

Table with columns: GELI Tayfur-Gelibolu 0.89 20 P P 15 12 31.8 -0.2

Table with columns: KARB zmir-Karabur 0.93 164 P P 15 12 32.6 -0.1

Table with columns: KARB zmir-Karabur 0.93 164 P P 15 12 45.7 +0.4

Table with columns: LPK zmir-Bergama 0.97 33 P P 15 12 33.3 -0.1

Table with columns: ZEDA zmir-Bergama 0.98 127 P P 15 12 33.3 -0.3

Table with columns: ZEDA zmir-Bergama 0.98 127 P P 15 12 46.9 +0.2

Table with columns: ZEDA zmir-Bergama 0.98 127 P P 15 12 48.0 +0.2

Table with columns: SMTH Samothraki Isl 1.00 335 P P 15 12 34.0 -0.1

Table with columns: PSRA Psara 1.09 202 P P 15 12 36.1 -0.0

Table with columns: PSRA Psara 1.09 202 P P 15 12 51.2 +0.1

Table with columns: PSRA Psara 1.09 202 P P 15 12 54.0 +0.1

Table with columns: PSRA Psara 1.09 202 P P 15 12 54.0 +0.1

Table with columns: ERIK Eriki-Kesan 1.16 17 Pn Pn 15 12 36.2 -0.9

Table with columns: CHOS Chios Island 1.17 181 Pn Pn 15 12 37.5 +0.3

Table with columns: CHOS Chios Island 1.17 181 Pn Pn 15 12 37.0 -0.3

Table with columns: CHOS Chios Island 1.17 181 Pn Pn 15 12 62.6 +0.3

Table with columns: CHOS Chios Island 1.17 181 Pn Pn 15 12 35.9 +0.3

Table with columns: CHOS Chios Island 1.17 181 Pn Pn 15 12 35.9 +0.3

Table with columns: ENEZ Enez 1.18 3 Pn Pn 15 12 37.3 +0.1

Table with columns: KRBB Karabiga-Canak 1.25 48 Pn Pn 15 12 38.3 -0.0

Table with columns: URLA Izmir 1.26 161 Pn Pn 15 12 38.6 +0.1

Table with columns: STEP BALIKESIR_Sava 1.28 98 Pn Pn 15 12 37.9 -0.9

Table with columns: KNL Balikesir 1.32 57 Pn Pn 15 12 38.1 -1.1

Table with columns: KNL Balikesir 1.32 57 Pn Pn 15 12 56.6 +0.0

Table with columns: ALN Alexandroupoli 1.34 359 Pn Pn 15 12 39.9 +0.0

Table with columns: ALN Alexandroupoli 1.34 359 Pn Pn 15 12 39.9 +0.1

Table with columns: ALN Alexandroupoli 1.34 359 Pn Pn 15 12 56.7 -0.4

Table with columns: ALN Alexandroupoli 1.34 359 Pn Pn 15 12 58.4 +0.1

Table with columns: ALN Alexandroupoli 1.34 359 Pn Pn 15 12 58.4 +0.1

Table with columns: ZEVE Izmir, Urla-Ze 1.36 166 P Pn 15 12 38.9 -0.8

Table with columns: BLBC Balçova 1.39 147 Pn Pn 15 12 41.2 -0.3

Table with columns: BALB Balikesir 1.40 86 Pn Pn 15 12 40.9 -0.0

Table with columns: RKY Sarkoy-Tekirda 1.41 37 Pn Pn 15 12 41.2 -0.0

Table with columns: THAS Thassos island 1.48 316 P Pn 15 12 40.9 -0.4

Table with columns: THAS Thassos island 1.48 316 P Pn 15 12 59.9 -0.8

Table with columns: THAS Thassos island 1.48 316 P Pn 15 13 00.2 -0.2

Table with columns: THAS Thassos island 1.48 316 P Pn 15 13 04.4 -0.2

Table with columns: EDC Edinck 1.58 60 Pn Pn 15 12 43.7 -0.4

Table with columns: UKOP Uzunkopr-Edir 1.62 15 Pn Pn 15 12 44.3 -0.5

Table with columns: DKB zmir 1.63 157 P Pn 15 12 44.4 -0.5

Table with columns: RDO Rodhopi 1.64 346 Pn Pn 15 12 44.2 +0.6

Table with columns: RDO Rodhopi 1.64 346 Pn Pn 15 12 43.8 +0.3

Table with columns: OUR Ouranopolis 1.79 296 Pn Pn 15 12 46.7 -0.8

Table with columns: OUR Ouranopolis 1.79 296 Pn Pn 15 12 47.0 -0.3

Table with columns: KAVA Kavala 1.87 321 Pn Pn 15 12 46.5 -0.2

Table with columns: KCTX Karacabey (Bur 1.89 67 Pn Pn 15 12 47.8 +0.7

Table with columns: SMG Samos 1.94 162 Pn Pn 15 12 48.4 +0.6

Table with columns: SMG Samos 1.94 162 Pn Pn 15 13 11.6 -0.6

Table with columns: SMG Samos 1.94 162 Pn Pn 15 13 19.4 -0.6

Table with columns: SMG Corlu comp=N,258mu,0.5s 2.02 38 Pn Pn 15 12 49.8 +1.0

Table with columns: GCAM Gz'zelcam? 2.07 154 Pn Pn 15 12 50.8 +1.2

Table with columns: KDLZ Kurdzhali 2.15 347 Pn Pn 15 12 51.6 +1.0

Table with columns: SLVT Silivri 2.33 44 Pn Pn 15 12 54.4 +1.3

Table with columns: EDRB Edirne 2.34 12 Pn Pn 15 12 54.5 +1.3

Table with columns: ARMT Armutlu 2.36 64 Pn Pn 15 12 54.9 +1.3

Table with columns: CTKS Kestanelik-?a 2.50 47 Pn Pn 15 12 56.7 +1.3

Table with columns: GEMT Gemlik 2.55 59 Pn Pn 15 12 57.8 +1.5

Table with columns: TVSB Tavsanli 2.62 91 Pn Pn 15 12 58.5 +1.3

PGC 26 15:13:10.7,17.0,51.02N,130.56W,h10km,MLS2.8/13, Mw3.5/13,210km Wsw of Bella Bella, Bc Haida Gwaii

Region, Queen Charlotte Islands region

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

Table with columns: HG4B Hotspring 1.34 343 Pn Pn 15 13 33.3 -1.1

Table with columns: HOLB Holberg 1.58 103 Pn Pn 15 13 36.7 -2.1

Table with columns: BNB Barry Inlet 1.73 335 Pn Pn 15 13 37.9 -3.0

Table with columns: BNB Barry Inlet 1.73 335 Pn Pn 15 13 41.6 -1.8

Table with columns: BNB Barry Inlet 1.73 335 Pn Pn 15 13 46.2 -2.0

Table with columns: PACB Port Alice, BC 2.03 105 Pn Pn 15 13 42.6 -2.3

Table with columns: MAYB Maynard 2.24 105 Pn Pn 15 13 46.3 -1.6

Table with columns: BNB Banks Island 2.35 39 Pn Pn 15 13 48.7 -0.7

Table with columns: BNB Banks Island 2.35 39 Pn Pn 15 13 50.3 -0.8

Table with columns: DNB Dawson Inlet 2.49 332 Pn Pn 15 13 51.8 +0.6

Table with columns: WOSB Woss 2.68 107 Pn Pn 15 13 52.3 -1.6

Table with columns: HWKB Hawksbury Isla 2.73 18 Pn Pn 15 13 52.9 -1.6

Table with columns: GRNB Greenville Isla 2.86 7 Pn Pn 15 13 55.0 -1.3

Table with columns: KITB Kitimat 3.28 2 Pn Pn 15 14 00.9 -1.2

Table with columns: CBB Campbell River 3.46 105 Pn Pn 15 14 03.5 -1.0

Table with columns: FJUB Fort St James 5.13 45 Pn Pn 15 14 26.8 -0.8

IDC 26 15:35:17.0,17.7,35.66N,141.70E,h0km,mb3.4/3, mbmp3.4/5,ML3.5/1, Error ellipse: s-maj=43.3km s-min=23.7km az=62.0

JMA 26 15:35:23.2,0.2,35.4N,0.4,141.3E,0.9,h32km,1km, W12.8/33,E OFF BOGS, PENINSULA

ISC 26 15:35:21.3,1.4,35.52N,0.07,141.4E,0.1,h25km,n19, s=152/15,mb3.3, Near east coast of eastern Honshu

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

Table with columns: CHOU Chosi 0.48 293 Op ISC 15 35 32.6 +0.1

Table with columns: CHOU Chosi 0.48 293 Op ISC 15 35 39.3 +1.5

Table with columns: ISMT Sammumatsuo 0.79 279 eS Sb 15 35 38.7 +1.2

Table with columns: JIHU Itakohorinui 0.84 302 P P 15 35 37.7 -0.7

Table with columns: BSO1 Boso 1 0.93 202 P P 15 35 37.7 -0.7

Table with columns: BSO1 Boso 1 0.93 202 P P 15 35 48.2 -0.8

Table with columns: KTR Katsura 0.96 248 P Pn 15 35 38.4 -0.8

Table with columns: BSO4 Boso 4 1.02 239 P Pn 15 35 39.2 -0.6

Table with columns: BSO3 Boso 3 1.02 226 P Pn 15 35 39.2 -0.6

Table with columns: JYT Yasato 1.21 306 eP Pn 15 35 40.0 +0.5

Table with columns: MJAR Matsushiro Arr 2.78 292 Pn Pn 15 36 05.9 +1.6

Table with columns: MJAR Matsushiro Arr 2.78 292 Pn Pn 15 36 41.4 -2.6

Table with columns: ASAJ Asahikawa 8.64 6 Pn Pn 15 37 21.2 -3.4

Table with columns: ASAJ Asahikawa 8.64 6 Pn Pn 15 37 21.2 -3.4

Table with columns: H1N1 WAKE ISLAND Hy 27.41 118 T T 16 10 06.3

Table with columns: H1N1 WAKE ISLAND Hy 27.42 118 T T 16 10 14.9

Table with columns: H1N1 WAKE ISLAND Hy 27.43 118 T T 16 10 06.0

Table with columns: H1S1 WAKE ISLAND Hy 28.07 120 T T 16 10 53.5

Table with columns: H1S3 WAKE ISLAND Hy 28.07 121 T T 16 10 52.8

Table with columns: H1S2 WAKE ISLAND Hy 28.09 121 T T 16 10 59.3

Table with columns: MKAR Makanchi Array 44.93 303 P P 15 43 33.8 -0.2

Table with columns: MKAR Makanchi Array 44.93 303 P P 15 43 33.8 -0.2

Table with columns: WRA Warramunga Arr 55.56 188 P P 15 44 55.3 +0.7

Table with columns: WRA Warramunga Arr 55.56 188 P P 15 44 55.3 +0.7

Table with columns: ASAR Alice Springs 59.29 188 P P 15 45 21.8 +1.0

Table with columns: ASAR Alice Springs 59.29 188 P P 15 45 21.8 +1.0

Table with columns: WEL 26 15:48:33.0,1.1,35.5S,10.1,17.9E,1.4,h274km,10km, M3.7/32,mb4.3/11,ML4.3/43,MLVA.0/32,Mw(mb)3.5/11, Error ellipse: s-maj=0.0km s-min=0.0km az=84.6, confirmed, Off east coast of North Island

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

Table with columns: HAZ Te Kaha 2.90 206 P Pn 15 49 25.6 -0.2

Table with columns: HAZ Te Kaha 2.90 206 P Pn 15 49 07.5 -0.5

Table with columns: PKGZ Pakihiroa 2.92 200 P Pn 15 49 27.6 +0.1

Table with columns: PUZ Puketiti 3.05 197 P S 15 50 10.7 -0.2

Table with columns: PUZ Puketiti 3.05 197 P S 15 50 10.7 -0.2

Table with columns: RWGZ Raukumara Rang 1.32 205 P Pn 15 49 28.4 +0.0

Table with columns: TUZ Tuuhareparea 3.22 200 P Pn 15 49 30.0 +0.6

Table with columns: KUZ Kuautunu 3.35 241 P Pn 15 49 29.3 -2.4

Table with columns: TKGZ Te Karaka 3.50 200 S S 15 50 19.5 -0.1

Table with columns: MWZ Matawai 3.50 204 P Pn 15 49 32.6 +0.2

Table with columns: MWZ Matawai 3.50 204 P Pn 15 50 20.6 +0.9

Table with columns: URZ Urewera 3.59 210 P Pn 15 49 32.8 -0.5

Table with columns: URZ Urewera 3.59 210 P Pn 15 50 11.1 -0.2

Table with columns: RIGZ Rimuhau 3.77 199 P Pn 15 49 35.5 +0.1

Table with columns: WIAZ Waiheke Island 3.80 243 P Pn 15 49 33.8 -1.8

Table with columns: MUGZ Murupara 3.92 211 P Pn 15 49 36.9 -0.1

Table with columns: RTZ Ruatohua 3.95 208 P Pn 15 49 37.0 -0.4

Table with columns: TOZ Taharua Road 4.04 229 P Pn 15 49 39.3 +1.0

Table with columns: KDAK, Sn, Sn, 16 01 18.1 +1.5, comp=E,3.9nm,0.3s,baz=267,slow=11,SNR=1.7, etc.

Table with columns: BANOM, SHME, SHME, MISEY, MISEY, EIL, Elat, KMBO, Kilima Mbojo, etc.

Table with columns: AS31, Alice Springs, 48.06 254, P, P, 16 27 19.8 -0.6, etc.

WEL 26 16:10:16.0,0.8,42'S,4°17'3E, h78km, gkm, M2.3/6, ML2.6/12, MLv2.3/6, Error ellipse: s-maj=0.0km s-min=0.0km az=92.8, confirmed, South Island

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

IDC 26 16:19:02.8,2.0, 17.375S:175.05W, h216km, 19km, mb3.8/14, mbtmp4.3/17, Error ellipse: s-maj=22.2km s-min=11.5km az=139.0

NEIC 26 16:19:02.5, 1.1, 17.54S:0.05:174.79W:0.09, h219km, gkm, mb4.3/54, Error ellipse: s-maj=12.9km s-min=7.8km az=88.0

ISC 26 16:19:06.1,0.5, 17.58S:0.10:174.94W:0.08, h256km, n90, 0.63/89, mb4.3/41, Tonga Islands

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

ILAR Eielson Array 84.86 12 P P 16 31 11.8 +0.1 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

ILAR Eielson Array 84.86 12 P P 16 31 11.5 -0.2 comp=N,0.5nm,0.6s,baz=224,slow=6.1,SNR=29

MT02	Curacav	6.53 207	Pn	18 43 39.0	-1.9
YA01	Torpederas	6.56 213	Pn	18 43 38.2	-3.0
PB02	IPOC Station P	6.60 340	Pn	18 43 40.0	0.0
MT13	San Alfonso	6.64 201	Pn	18 43 42.7	+0.2
LMEL	Las Melosas	6.71 200	Pn	18 43 43.9	+0.3
PB01	IPOC Station P	6.75 343	Pn	18 43 44.5	+0.6
MT09	Talagante	6.92 205	Pn	18 43 43.7	-2.6
YA05	Santo Domingo	7.07 210	Pn	18 43 45.0	-3.2
MT01	Popeta	7.10 207	Pn	18 43 46.3	-2.3
BO01	Tunca	7.15 207	Pn	18 43 51.8	-2.2
PB08	IPOC Station P	7.54 348	Pn	18 43 55.6	+0.6
ESFA	Sierra Bellavi	7.63 243	Pn	18 44 01.1	-1.1
GO01	Chuzmiza	8.01 348	Pn	18 44 00.9	-0.4
PB11	IPOC Station P	8.02 345	Pn	18 44 00.9	-0.3
MECA	Mercedes	8.33 104	eP	18 44 04.7	-0.4
GO05	Huala	8.37 206	Pn	18 44 01.9	-3.8
ESFA	Espinillo Forme	8.43 74	eP	18 44 05.8	-0.7
MM0C	Mirny Myny	8.62 346	Pn	18 44 09.1	-0.1
CPUP	Villa Florida	9.05 85	P	18 44 14.1	-1.3
CPUP	comp-Z, 4.5nm, 0.8s, baz=269, slow=11, SNR=9.2		LR	18 47 41.1	
CPUP	comp-Z, 3.2nm, 20.4s, baz=230, slow=37		LR	18 44 13.7	-1.7
PB12	IPOC Station P	9.29 343	Pn	18 44 16.6	-1.6
PB16	IPOC Station P	9.37 348	Pn	18 44 20.9	+1.2
IT0B	Itaqui	9.73 105	Pn	18 44 22.4	-1.4
IT0B	Itaqui	9.73 105	eP	18 44 23.2	-0.7
AZCA	Azaras, Argent	10.15 36	Pn	18 44 23.3	-0.7
BI05	Punta Hualpin	10.38 207	Pn	18 44 28.7	-3.9
LPAZ	La Paz	11.23 357	P	18 44 45.6	+1.1
LPAZ	comp-Z, 1.3nm, 0.3s, baz=163, slow=7.6, SNR=12		LR	18 46 40.8	-7.9
LPAZ	comp-Z, 0.4nm, 0.4s, baz=204, slow=21, SNR=0.0		LR	18 49 59.1	
LPAZ	comp-Z, 0.132nm, 19.2s, baz=139, slow=42		LR	18 44 44.7	+0.2
LPAZ	La Paz	11.23 357	Pn	18 44 47.0	+0.5
TRQA	Tornquist	11.43 158	Pn	18 44 51.6	-0.9
CRSM	Crossiumal (Br	11.88 93	eP	18 44 55.8	+1.1
BDQN	Bodoqueña, MS	12.05 56	eP	18 44 54.9	-0.3
BBS2	Serra de San D	12.09 33	eP	18 44 57.5	+1.4
AMBA	Ambambal (Brazi	12.16 70	eP	18 44 58.1	+0.4
MCRI	Marechal Candi	12.43 72	eP	18 44 58.3	-1.8
GO06	Caruruehu	12.46 195	Pn	18 45 03.6	+0.1
PLTB	Pedras Altas	12.73 113	eP	18 45 03.2	-1.5
ALGR	Alto Alegre (B	12.77 99	eP	18 45 03.2	-1.5
AQDB	Aquidauana	12.82 59	Pn	18 45 04.3	-0.4
AQDB	Aquidauana	12.82 59	eP	18 45 04.3	-0.4
QSD	San Ignacio	12.93 28	P	18 45 04.9	-1.2
FRBT	Francisco Belt	12.93 86	eP	18 45 06.4	+0.2
LR04	Corral	13.27 201	Pn	18 45 05.6	-4.7
PLCA	Paso Flores	13.40 190	P	18 45 14.6	-2.1
PLCA	comp-Z, 3.7nm, 0.8s, baz=139, slow=10, SNR=8.4		Pn	18 45 12.5	+0.4
PLCA	Paso Flores	13.40 190	Pn	18 45 14.4	-2.3
ITAB	Concordia	13.60 92	eP	18 45 19.3	+0.4
ITAB	Concordia	13.60 92	eP	18 45 15.7	+1.0
PTGB	Pitanga	14.09 92	eP	18 45 21.4	+0.4
RVDE	Rio Verde (Bra	14.26 56	eP	18 45 23.4	+0.2
PTLB	Pontes e Lacer	14.29 34	Pn	18 45 23.4	-0.2
PTLB	Pontes e Lacer	14.29 34	eP	18 45 23.1	-0.5
CNLB	Canela	14.69 101	eP	18 45 29.5	+1.0
PF1B	Ponte de Pedra	15.23 52	eP	18 45 35.2	-0.1
PCMB	Poaçombu	15.85 72	eP	18 45 42.9	+0.1
SALV	Santo Antonio	15.90 46	eP	18 45 43.4	-0.2
VLVB	Vilhena	16.02 26	Pn	18 45 41.8	-3.4
VLVB	comp-Z, 2.6nm, 0.8s		IAMB	18 45 48.2	
VLVB	Vilhena	16.02 26	eP	18 45 45.6	+0.4
FRTB	Fartura	16.67 79	eP	18 45 53.6	+0.6
ITRB	Iturama	17.47 67	eP	18 46 02.2	+0.3
BE10B	Bebedouro	18.39 74	eP	18 46 12.0	+0.1
PEU1	Itanhaem-SP	18.41 84	eP	18 46 12.1	-0.1
SAO	Sao Paulo	18.43 33	+0.6	18 46 16.2	+0.4
ARAG	Araguaiana, MT	18.68 54	eP	18 46 15.0	-0.1
RCLB	Rio Claro- Sao	18.74 79	eP	18 46 16.2	+0.4
PDRB	Porto dos Gac	18.77 34	eP	18 46 15.4	-0.7
SAML	Samuel	18.93 13	P	18 46 18.2	+0.3
SAML	Samuel	18.93 13	eP	18 46 19.2	+1.3
VALIN	Valinhos	19.05 23	eP	18 46 19.8	+0.1
CLDB	Colider	19.87 36	eP	18 46 28.5	+0.5
IPMB	Ipameri, GO	20.09 66	eP	18 46 29.7	-0.7
PARB	Parauibuna	20.13 83	eP	18 46 30.9	+0.1
CZSB	Cruzeiro do Su	20.34 345	eP	18 46 35.3	-1.2
GO08	Villa O'Higgins	21.26 191	Pn	18 46 43.9	+1.3
PFMB	Patos de Minas	21.46 70	eP	18 46 41.8	-1.3
BDFB	Brasilia	21.56 61	P	18 46 44.8	-1.5
BDFB	Brasilia	21.56 61	eP	18 46 44.8	-1.5
BDFB	Brasilia	21.56 61	P	18 46 45.1	-1.2
YAS01	Vassouras-RJ	22.36 82	eP	18 46 54.6	+0.2
TBTG	Tabatinga, AM	23.35 354	eP	18 47 06.2	+2.4
TEFE	Tefe	24.06 7	eP	18 47 11.8	+1.7
MACA	Manacapuru-AM	25.10 16	IAMB	18 47 20.0	+0.5
MACA	comp-Z, 3.6nm, 0.7s		IAMB	18 47 21.6	
MACA	Manacapuru-AM	25.10 16	eP	18 47 20.6	+1.0
EFI	East Falkland	25.11 166	P	18 47 19.0	-0.3
KHEZ	Kahui Hut	25.17 166	P	18 47 21.7	
MG02	Cerro Sombrero	25.24 183	P	18 47 20.2	-0.2
MG02			IAMB	18 47 25.9	
ITTB	Itaituba	25.61 28	eP	18 47 24.6	+0.4
SMTB	Santa Maria do	28.40 49	eP	18 47 31.0	+0.3
SGCB	São Gabriel d	27.28 1	eP	18 47 39.4	+0.3
MG01	Puerto William	27.36 180	P	18 47 40.3	+0.9
BOAV	Boa Vista	30.51 14	P	18 48 08.9	+1.2
BOAV	comp-Z, 1.5nm, 0.9s		IAMB	18 48 11.3	
BOAV	Boa Vista	30.51 14	eP	18 48 08.1	+0.4
MCPB	Macapa, AP	30.80 31	P	18 48 10.9	+0.6
MDP	Montagnes des	35.47 26	P	18 48 50.3	-0.6
MDP	comp-Z, 9.4nm, 0.7s, baz=190, slow=14, SNR=7.4		LR	19 06 07.0	
BAUV	El Bau	36.28 359	P	18 48 57.1	-0.7
BAUV	comp-Z, 9.4nm, 0.7s		IAMB	18 48 58.7	
SDV	Santo Domingo	36.35 355	eP	18 48 59.5	+0.8
ESPB	Base Esperanza	36.49 172	P	18 48 58.2	-0.8
JACO	JACO, Garabito	40.59 333	P	18 49 34.8	+1.0
JATS	Las Juntas de	41.17 333	P	18 49 40.8	+1.4
JATS	comp-Z, 2.5nm, 0.8s, baz=146, slow=11, SNR=3.8		P	18 50 10.2	-1.1
MLPR	Magueyes Islan	45.25 1	P	18 50 10.2	-1.1
MLPR			IAMB	18 50 26.4	
CELP	Cerrillos	45.36 1	P	18 50 10.9	-1.2
CELP			IAMB	18 50 13.0	
AOPR	Arecibo Observ	45.63 1	P	18 50 12.9	-1.4
AOPR			IAMB	18 50 21.6	
CUPR	Culebra, Puert	45.63 3	P	18 50 13.3	-0.9
CUPR			IAMB	18 50 15.0	
VNA2	Neumayer-Watz	54.53 160	P	18 51 21.6	+0.8
VNA2	comp-Z, 2.9nm, 0.8s, baz=301, slow=12, SNR=7.1		P	18 51 32.8	+0.4
SNA4	Sanae	56.15 160	P	18 51 32.9	+0.4
SNA4	Sanae	56.15 160	P	18 51 32.5	+0.1
TROLL	Troll, Antarti	57.87 160	P	18 51 45.3	+0.7
QSPA	South Pole Qui	62.67 180	P	18 52 18.6	+1.3
QSPA	comp-Z, 2.5nm, 0.9s, baz=161, slow=4.3, SNR=20		P	18 52 19.1	
QSPA	South Pole Qui	62.67 180	P	18 52 18.6	+1.3
QSPA			IAMB	18 52 19.1	
DBIC	Dimbokro	69.32 70	P	18 53 00.4	0.0
DBIC	comp-Z, 3.5nm, 0.5s, baz=235, slow=6.3, SNR=19		P	18 53 00.0	-0.4
DBIC	comp-Z, 3.5nm, 0.5s		IAMB	18 53 00.0	-0.4
DBIC	Dimbokro	69.32 70	P	18 53 00.0	-0.4
DBIC	comp-Z, 8.9nm, 0.9s		IAMB	18 53 00.0	-0.4
TSUM	Tsumeb	77.09 105	LR	19 26 17.7	
TOAO	Torodi Ar. Sit	78.22 68	P	18 53 52.5	+0.2

TOAO	comp-Z, 1.7nm, 0.8s	IAMB	IAMB	18 53 53.7	
TORD	Torodi Ar. Be	78.22 68	P	18 53 52.7	+0.4
TORD	comp-Z, 1.3nm, 0.7s, baz=257, slow=5.3, SNR=7.0		P	18 54 26.2	-0.5
BOSA	Boshof	79.48 117	P	18 54 00.6	+1.3
BOSA	comp-Z, 2.9nm, 1.0s, baz=257, slow=6.2, SNR=3.2		P	18 54 00.6	+1.3
BOSA	Boshof	79.48 117	P	18 54 00.1	+0.9
PDAR	Pinedale Array	80.00 330	P	18 54 02.9	+1.1
PDAR	comp-Z, 2.0, 9nm, 0.8s, baz=130, slow=5.8, SNR=6.9		P	18 54 02.9	+1.1
NVAR	Mina Array Be	81.07 322	P	18 54 10.1	+2.6
NVAR	comp-Z, 0.2nm, 0.5s, baz=150, slow=7.3, SNR=2.4		P	18 54 10.1	+2.6
ELK	Elko	81.15 325	P	18 54 09.9	+2.0
ELK	comp-Z, 0.6nm, 0.3s, baz=152, slow=17, SNR=4.1		P	18 54 09.9	+2.0
ESDC	Sonsecá Array	89.22 44	P	18 54 49.5	+1.7
ESDC	comp-Z, 0.4nm, 0.9s, baz=236, slow=4.5, SNR=1.6		P	18 54 49.5	+1.7
ASAR	Alice Springs	125.07 204	PKP	19 00 52.1	-0.1
ASAR	comp-Z, 0.7nm, 0.7s, baz=146, slow=1.9, SNR=9.6		PKPdf	19 01 29.2	+0.3
ASAR	comp-Z, 0.4nm, 0.9s, baz=160, slow=2.1, SNR=1.8		PKPdf	19 01 29.2	+0.3
WAR	Warramunga Arr	128.29 206	PKP	19 00 58.8	-0.3
WAR	comp-Z, 1.3nm, 0.8s, baz=156, slow=1.9, SNR=11		PKPbc	19 01 32.6	-0.1
ZALV	Zalesovo Beam	146.68 30	PKPbc	19 02 09.9	+0.2
ZALV	comp-Z, 2.2nm, 0.6s, baz=298, slow=2.9, SNR=11		PKPbc	19 02 09.9	+0.2
ZALV	comp-Z, 1.3nm, 0.5s, baz=320, slow=3.6, SNR=13		PKPbc	19 01 28.5	-4.3
KSH	Kashi	147.46 59	PKPbc	19 02 14.5	+0.4
KSH			PKPbc	19 01 41.6	+0.3
MKAR	Makanchi Array	149.44 43	PKPbc	19 02 17.5	-0.1
MKAR	comp-Z, 0.9nm, 0.6s, baz=295, slow=3.0, SNR=1.3		PKPbc	19 01 58.5	-1.1
PZH	Panzhihua	170.29 94	PKP	19 01 58.5	-1.1
PZH			PKPdf	19 01 58.5	-1.1

NOU 26 18:46:44.9, d2:65S; 173:67E, h0km, MLV3.7/8, South Island, New Zealand

WEL 26 18:46:47.6, d:0.5, az:126.1, confirmed

ISC 26 18:46:46.2; 1.2, 42:54S; 0:04; 173:63E; 0:05, h13km, 7km, n61, c088/66, South Island

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
KHZ	Kahutara	0.14 334	Op	18 46 48.9	+0.1
KHZ	Kahutara	0.14 334	P	18 46 50.0	+0.3
KHZ	Kahutara	0.14 334	S	18 46 51.8	+0.4
GVZ	Greta Valley S	0.61 226	P	18 47 10.0	+0.3
GVZ			S	18 47 11.1	+0.7
BSWZ	Blackbirch Sta	0.85 13	P	18 47 02.6	0.0
CMWZ	Cape Campbell	0.91 29	P	18 47 05.4	+0.7
THZ	Tophouse	0.95 325	P	18 47 02.8	-1.7
AMCZ	Amberley	0.95 228	P	18 47 06.0	+0.6
LTZ	Lake Taylor	1.03 256	P	18 47 05.6	-0.4
LTZ			S	18 47 19.3	0.0
TUWZ	Tuamarina	1.14 12	P	18 47 07.5	+0.8
MNRZ	Matariki Terra	1.31 330	P	18 47 09.5	-0.8
NNZ	Nelson	1.34 352	P	18 47 10.1	-0.5
NNZ			S	18 47 27.7	-0.6
MOZ	McQueen's Vall	1.36 211	S	18 47 11.3	+0.3
MOZ			S	18 47 28.8	-0.1
OXZ	Oxford	1.40 236	S	18 47 11.4	-0.2
TCW	Tory Channel	1.42 20	P	18 47 11.7	-0.1
AKCZ	Akaroa Harbour	1.43 201	P	18 47 12.8	+0.9
SNZO	South Karori	1.47 34	P	18 47 12.8	+0.3
WELZ	Wellington	1.52 35	P	18 47 13.4	+0.3
PLWZ	Palliser	1.56 52	P	18 47 13.7	-0.1
DSZ	Denison North	1.57 302	P	18 47 13.7	-0.2
TKNZ	Takaka Hill	1.59 342	P	18 47 13.9	-0.3
RACZ	Rakaia	1.61 222	P	18 4	

26d 19h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PAX, U33K, SCM, WRAP, DOT, DLBC, etc.

2017 MAR

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like G30M, Q19K, CHUM, G26K, MLY, O19K, etc.

1518

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MBFL, MBFL, CBE, MAGL, etc.

SKHL 26 19:13:59.5, 0.4, 45.40N, 153.10E, h27km, 4km, mb4, 3/5, IDC 26 19:14:02.4, 8.5, 47.64N, 151.97E, h144km, 47km, mb3, 3/8, mbmp3, 7/10, MS3, 6/1, Error ellipse: s-maj=105.0km s-min=28.5km az=167.0

ISC 26 19:14:01.3, 1.5, 47.5N, 152.15E, 0.2, h150km, n27, az=271/14, mb3.5/8, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KUR, KUR, KUR, SKR, SKR, SHO, SHO, etc.

BJI 26 19:14:33.2, 0.0, 7.38S, 130.02E, h146km, mb4, 9/66, mb5, 0/28 KLM 26 19:14:34.6, 6.95S, 129.78E, h114km, mb5, 5 MOS 26 19:14:35.0, 0.8, 6.95S, 129.78E, h132km, mb4, 9/36, Error ellipse: s-maj=10.4km, s-min=5.4km, az=118.4

NEIC 26 19:14:36.3, 2.3, 7.02S, 0.06E, 129.80E, 0.7, h122km, 5km, mb5, 1/89, Error ellipse: s-maj=10.3km, s-min=8.9km, az=62.0

DJA 26 19:14:36.5, 0.2, 7.2S, 13.0E, h137km, 2km, M5, 0/89, MB5, 2/89, MB6, 5/49, MLV, 5.6/16, Mw/4.9/13, Mw(MB)5.0/49, Mw/Mwp4.7/1, Mwp5.0/1

IDC 26 19:14:38.3, 1.2, 6.98S, 129.80E, h142km, 9km, mb4, 6/32, mbmp5, 0/35, MS3, 6/18, Error ellipse: s-maj=14.6km s-min=8.6km az=78.0

GCMT 26 19:14:38.3, 0.3, 7.04S, 0.02E, 129.85E, 0.2, h143km, 2km, Duration: 0.989, Moment Tensor Solution, s25, c31, s99, c142; Irradiation: 0, Moment tensor: Scale 10^16Nm; M-r1, 3.2t, 0.7; M-r2, 2.8t, 1.0; M-r3, 1.52t, 1.2; M-r4, 0.67t, 0.7; M-r5, 0.70t, 1.1; M-r6, 1.62t, 0.7. Best double couple: M3, 10100t, 1016

NP1: 0.315, 0.00000, 0.71, 0.00000, 0.137, 0.00000. NP2: 0.62, 0.00000, 0.50, 0.00000, 0.25, 0.00000. Principal axes: T 3.0440, Plg4, 0.0000, Azm271.0000; N 0.1150, Plg4, 0.0000, Azm116.0000; P -3.1580, Plg13, 0.0000, Azm13.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TRN, ABD, ABD, ANBD, ANBD, MLYT, MLYT.

26d 19h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like USA0B, USRKR, USRKR, USRKR, etc.

2017 MAR

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZSN, DGZ, TARG, UZB, etc.

1520

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

26d 20h

Table with columns: Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, and various station codes (NWAO, BLDU, etc.).

2017 MAR

Table with columns: Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, and various station codes (MRKS, KK31, etc.).

1522

Table with columns: Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, and various station codes (BMAR, EGAK, etc.).

26d 21h

PKCU	Pink Cliffs	8.16 223	Pn	Pn	20 41 51.1	+1.9
ULM	Lac du Bonnet	9.23 41	Pn	Pn	20 42 03.1	-0.5
ULM			Lg	Lg	20 44 33.1	
YKA	Yellowknife Ar	19.66 347	P	P	20 44 18.4	-1.0
ARCES	ARCES Array B	61.52 18	P	P	20 50 07.2	-0.2

20 26 20:47:03.5:2.5, 2.49N, 128.79E, h0km, mb3.4/3, mbtmp3.5/3, Error ellipse: s-maj=184.8km s-min=25.0km az=68.0, Halmahera

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
WRA	Warramunga Arr	22.95 166	P	20 52 08.7	-0.9
ASAR	Alice Springs	26.47 169	P	20 52 43.1	+0.5
MKAR	Makanchi Array	59.74 325	P	20 57 10.5	+0.2

20 26 20:58:16.7:10.0, 3.37N, 123.11E, h499km, 131km, mbtmp3.5/3, Error ellipse: s-maj=272.5km s-min=38.1km az=62.0, Celebes Sea

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
WRA	Warramunga Arr	25.66 155	P	21 03 05.9	-0.2
ASAR	Alice Springs	28.85 159	P	21 03 34.5	+0.3
MKAR	Makanchi Array	55.84 327	P	21 07 06.3	0.0
MKAR	Makanchi Array	59.74 325	PcP	21 07 57.7	-0.3

20 26 20:59:43.7:1.5, 2.31N, 124.96E, h0km, mb3.6/3, mbtmp3.7/3, Error ellipse: s-maj=191.8km s-min=22.8km az=64.0, Celebes Sea

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
WRA	Warramunga Arr	23.95 158	P	21 04 59.7	-0.2
ASAR	Alice Springs	27.24 162	P	21 05 30.7	+0.9
ASAR	Alice Springs	28.85 159	PcP	21 08 49.0	-1.0
MKAR	Makanchi Array	57.74 327	P	21 09 36.8	+0.2
MKAR	Makanchi Array	59.74 325	PcP	21 10 28.4	-1.0

20 26 21:26:27.4:3.3, 1.7, 50S, 72.40W, h0km, mb3.5/2, mbtmp3.2/3, ML2.3/1, MS3.2/4, Error ellipse: s-maj=124.2km s-min=35.6km az=15.0

20 26 21:26:36.1:1.4, 15.3S, 0.1, 72.3W, h35km, n18, r130/14, mb3.6/3, 1C-1Z, Southern Peru

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
PB18	Visviri	3.49 130	Pn	21 27 29.6	+1.2
AP01	Chacalluta	3.54 149	eP	21 27 28.8	+0.1
AP01			iS	21 28 08.2	-1.1
AP01			iS	21 28 14.7	
PB12	IPOC Station P	3.76 151	iP	21 27 31.6	-0.1
PB12			eS	21 28 12.5	-2.3
PB16	IPOC Station P	3.99 139	iP	21 27 35.4	0.0
PB16			iS	21 28 21.7	+0.5
LPAZ	La Paz	4.09 104	Pn	21 27 34.9	-1.9
LPAZ			LR	21 29 20.2	
MNMC	Minye Minye	4.56 146	eP	21 27 42.4	-0.6
ATAH	Athualpa	10.12 323	LR	21 34 17.6	
SIV	San Ignacio	10.80 95	LR	21 33 22.7	
H03N1	Juan Fernandez	19.01 197	T	21 48 58.5	
H03N2	Juan Fernandez	19.02 197	T	21 48 58.3	
H03N3	Juan Fernandez	19.03 197	T	21 48 54.3	
TXAR	Lajitas Array	53.77 326	P	21 36 04.5	+9.2
TORD	Torodi Ar. Bea	78.44 73	P	21 38 34.6	+0.6
VNDA	Vanda	82.34 190	LR	22 08 11.8	
YKA	Yellowknife Ar	84.35 342	P	21 39 10.6	+6.3
ZALV	Zalesovo Beam	137.49 20	PKIP	21 45 57.7	-0.3
MKAR	Makanchi Array	142.14 29	PKP	21 46 04.9	+0.1
SONM	Songino Array	147.57 2	PKPbc	21 46 19.4	+0.3

BUI 26 21:42:06.2:0.0, 26.97N, 88.62E, h6km, mb4.3/39, mb4.5/12, ML4.0/1, MS3.9/12, MS7.3/8/11

IDC 26 21:42:08.0:0.6, 27.18N, 88.58E, h0km, mb4.2/30, mbtmp4.1/33, ML4.1/2, MS3.4/5, Error ellipse: s-maj=17.6km s-min=11.1km az=48.0

MOS 26 21:42:08.9:1.1, 27.09N, 88.52E, h21km, mb4.6/23, Error ellipse: s-maj=8.8km s-min=5.0km az=118.8

NDI 26 21:42:09.0:3.4, 27.49N, 88.51E, h10km, ML4.3, mb4.5(NEIC)

NEIC 26 21:42:11.9:1.6, 27.14N, 0.0, 77.88E, 55E, 0.06, h24km, 5km, mb4.5(2, Error ellipse: s-maj=10.0km s-min=7.5km az=199.0

DMN 26 21:42:12.4:0.0, 26.67N, 88.63E, h60km, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 26 21:42:11.0:0.6, 27.07N, 0.04, 88.56E, 0.03, h23km, 3km, n224, r1967/269, mb4.4/67, MS3.6/9, 22C-5D, Sikkim

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
GTK	Tadong	0.25 9	eP	21 42 42.5	+4.8
JIRN	Jiri	1.28 286	eS	21 42 49.3	-0.6
JIRN			Sb	21 43 17.2	+0.3
GUN	Gumba	2.52 290	eP	21 42 54.2	-1.5
GUN			Sb	21 43 25.5	-1.0
GUN	Gumba	2.52 290	eP	21 42 54.3	-1.5
GUN			Sb	21 43 26.0	-0.5
PKI	Pulchoki	2.84 281	eP	21 42 57.9	+2.6
PKI			Sn	21 43 32.1	+3.1
PKI	Pulchoki	2.84 281	eP	21 42 57.8	+2.5
PKI			Sn	21 43 31.8	+2.8
PKIN	Phulchoki	2.85 281	eS	21 42 57.9	+2.5
PKIN			Sn	21 43 32.3	+3.1
PKIN	Phulchoki	2.85 281	eP	21 42 58.0	+2.5
PKIN			Sn	21 43 31.5	+2.3
GUWA	GUWAHATI	2.94 107	eP	21 42 57.9	+1.6
GUWA			Sn	21 43 34.3	+3.4

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GUWA	comp=N,1µm,0.3s		IAML	21 43 39.3	
GUWA	comp=E,2µm,0.5s		IAML	21 43 41.1	
KKK	Kakani	3.00 285	eP	21 43 00.0	+2.7
KKK			Pn	21 43 36.0	+3.3
KKK	comp=E,938nm,0.2s		Pn	21 43 00.3	+3.0
KKK			Sb	21 43 35.5	+2.8
DMN	Daman	3.12 281	eP	21 43 36.5	-3.7
DMN			Sb	21 43 00.5	+1.9
DMN			Pn	21 43 38.2	+2.6
DMN	comp=E,2µm,0.5s		Pn	21 43 01.7	+2.7
DMN			Sb	21 43 36.9	+1.3
SHL	Shillong	3.34 116	Pn	21 43 02.6	+0.6
SHL			Pn	21 43 05.0	+3.0
SHL	Shillong	3.34 116	eP	21 43 07.0	-3.0
SHL			Sb	21 43 02.7	+0.6
LSA	Lhasa	3.47 41	Pn	21 43 06.5	+2.4
LSA			Sb	21 43 55.3	+1.2
LSA	comp=E,730nm,8.2s		LR	21 43 06.0	+1.9
LSA			Pn	21 43 06.0	+1.9
LSA	Lhasa	3.47 41	P	21 43 06.0	+1.9
GKN	Gorkha	3.60 286	eP	21 43 08.3	+2.7
GKN			Sb	21 43 49.3	+1.8
GKN	comp=E,898nm,0.3s		Pn	21 43 08.4	+2.8
GKN			Sb	21 43 48.8	+1.3
TEZP	TEZPUR	3.82 96	eP	21 43 08.3	-0.1
DANN	Dangsing	4.44 288	eP	21 43 18.7	+1.5
DANN			Sb	21 44 09.7	+1.4
DANN	comp=E,316nm,0.2s		Pn	21 43 18.8	+1.5
DANN			Sb	21 44 09.3	+1.0
SILR	SILCHAR	4.45 120	eP	21 43 22.1	+4.9
SILR			IAML	21 44 37.0	
KOLN	Koldanda	4.46 280	eP	21 43 19.1	+1.7
KOLN			Sb	21 44 09.3	+0.6
KOLN	comp=E,453nm,0.2s		Pn	21 43 19.1	+1.7
KOLN			Sb	21 44 08.9	+0.2
KOLN	comp=E,453nm,0.2s		Sb	21 44 09.7	-1.3
ITAN	ITANAGAR	4.61 88	eP	21 43 19.4	+0.2
ITAN			IAML	21 44 43.1	
ITAN	comp=N,2µm,0.4s		IAML	21 44 45.8	
ZIRO	ZIRO	4.73 83	eP	21 43 20.6	-0.5
ZIRO			IAML	21 44 37.6	
PYUN	Piuthan	5.04 283	eP	21 43 26.6	+1.1
PYUN			Sb	21 44 23.9	+0.7
PYUN	comp=N,250nm,0.3s		Pn	21 43 26.7	+1.2
PYUN			Sb	21 44 23.3	+0.2
KOHI	KOHI	5.16 104	eP	21 43 23.9	-0.1
KOHI			IAML	21 44 57.4	
KOHI	comp=N,761nm,1.2s		IAML	21 45 04.1	
BRDH	Bariadhala	5.20 147	Pn	21 43 29.1	+1.7
BRDH			Pn	21 44 31.6	+5.0
BRDH	comp=E,84nm,0.3s,baz=270,slow=22,SNR=6.0		Pn	21 43 31.5	+2.0
IMP	Imphal	5.34 114	eP	21 44 35.3	+5.0
IMP			eS	21 44 37.9	
IMP	comp=N,63nm,0.4s		IAML	21 44 38.6	
MOKO	MOKOCHONG	5.38 97	eP	21 43 29.9	-0.2
MOKO			eS	21 44 28.5	-2.9
MOKO	comp=E,551nm,0.6s		IAML	21 44 57.4	
SAIH	SAIHA	6.09 138	eP	21 43 42.3	+2.5
SAIH			eS	21 44 49.7	+1.0
SAIH			Sb	21 44 53.5	
LKP	Lekhapani	6.50 86	eP	21 43 44.3	-0.9
LKP			eS	21 44 56.1	-2.5
LKP			IAML	21 45 04.5	
LKP	comp=N,227nm,0.3s		IAML	21 45 09.3	
MND	Mandalay	8.53 125	Pn	21 44 12.8	-0.3
JBP	Jabalpur	8.69 245	eP	21 44 16.8	+1.5
JBP			eS	21 45 31.1	+0.6
TNCH	TengChong	9.19 101	pP	21 44 26.5	+2.1
TNCH			S	21 44 26.5	
TNCH			sS	21 46 09.0	+3.8
TNCH			pmax	21 46 12.5	
TNCH	comp=E,5.0nm,0.6s		pmax	21 45 09.3	
TNCH			pmax	21 45 09.3	
TNCH	comp=E,4.7nm,3.7s		LR	21 45 09.3	
TNCH			LR	21 45 09.3	
TNCH	comp=E,160nm,4.6s		LR	21 45 09.3	
TNCH			LR	21 45 09.3	
TNCH	comp=E,130nm,4.8s		LR	21 45 09.3	
TNCH			LR	21 45 09.3	
GOMU	GeErilu	10.54 29	pP	21 44 43.3	+2.3
GOMU			pmax	21 44 47.8	
GOMU	comp=E,4.0nm,0.7s		pmax	21 44 47.8	
GOMU			pmax	21 44 47.8	
GOMU	comp=E,81nm,5.4s		LR	21 45 09.1	0.0
GOMU			LR	21 45 09.1	0.0
GOMU	comp=E,270nm,10.5s		LR	21 45 11.6	+0.1
GOMU			LR	21 45 11.3	-1.1
GOMU	comp=E,210nm,10.2s		LR	21 45 11.3	-1.1
GOMU			LR	21 45 11.3	-1.1
GOMU	comp=E,360nm,11.0s		LR	21 45 11.3	-1.1
PZH	PanZhihua	11.79 90	pP	21 45 01.0	+3.0
PZH			pmax	21 45 01.0	+3.0
PZH	comp=E,10.0nm,0.6s		pmax	21 45 01.0	+3.0
PZH			pmax	21 45 01.0	+3.0
CHTO	Chiang Mai	12.61 129	Pn	21 45 09.1	0.0
CHTO			Pn	21 45 09.1	0.0
CHAI	Chiangrai	12.79 120	Pn	21 45 11.6	+0.1
CMAR	Chiang Mai Arr	12.85 130	Pn	21 45 11.3	-1.1
CMAR			Pn	21 45 11.3	

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like NRK Nori'sk, MJAR Matsushiro Arr, YAK Yakutsk, ASAJ Asahikawa, OBN Obninsk, BRTR Keskin Array B, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, WWRAB Tennant Creek, WBA Warramunga Arr, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like BUEV VORI, GB1A Borinquen Arr, GB1A Canalete, etc.

IDC 26:14:25.7.5.7.6.93S.129.16E.h94km.72km.mb3.0/1, mbnm=27.0km, ML3.2/3, Error ellipse: s-maj=111.3km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SIJI 0.4nm, SIJI 1.8nm, WRA Warramunga Arr, etc.

TAP 26:21:49:20.6, 24:47N-121:30E, h161km, ML1.2, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EWUT Wuta, EWUT Suao, TWC Suao, ENA Nanau, etc.

UCR 26:21:46:44.2.1.6.9.87N.85.20W, h17km.9km, MW3.5, 14C, Off coast of Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LAFE Finca La Fe, CBLT Cabuya, INDI Punta indio, etc.

JMA 26:21:50:06.4.0.1.24'2N.0.4.123'6E.0.3, h15km.1km, MVY 6/10, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, IRIF Hateruma jima, JKRS Kuro-shima, etc.

BER 26:21:51:05.9.1.2.67:57N:34:14E, h0km, ML 1.7, Suspected explosion

HEL 26:21:51:06.6.0.2.67:67N:33:72E, h0km, ML 1.7, IC, Explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LVZ Lovozero, LVZ Varrio, VRF Varrjo, etc.

26d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RNF, KEV, ARCS Array S, etc.

IDC 26:22:02:52.3,3.8,25.12N;123.98E,h0km,mb3.4/3, mbmp3.4/3,MS3.6/2,Error ellipse:s-maj=263.9km

JMA 26:22:03:06.0,7.0,21.3E;124.3E,1.0,h114km,3km, s-min=28.3km az=62.0

ISC 26:22:03:05.5,1.1,25.2N;101.124,27E,0.04,h119km,10km, n16,c068/25,mb3.2/3,Northeast of Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JISG, Tarama, Ishigaki jima, etc.

SJA 26:22:20:38.1,0.8,23.10S;66.72W,h248km,13km,ML3.7, MW3.6,Hypocentre not reviewed by the ISC

VAO 26:22:20:41.6,0.5,22.66S;66.86W,h236km,mb3.6

GUC 26:22:20:41.2,0.6,22.06S;67.01W,h249km,ML4.0

IDC 26:22:20:46.5,9.3,22.49S;66.30W,h251km,69km,mb4.6/1, mbmp4.4/3,Error ellipse:s-maj=109.3km s-min=37.0km

ISC 26:22:20:39.5,0.7,23.05S;105.66,32W,0.09, h243km,13km,n44,c1952/61,9C,Jujuy Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC, PB09, WRA, ARU, etc.

2017 MAR

Table with columns: PTGB, C25B, SAML, PDRB, ARAG, Bateduro, IPMB, SNDB, BDFB, etc.

MKAR Makanchi Array 145.74 39 PKP PKiKp 22.39 54.0 +1.0

KRINET 26:22:24:59.1,0.1,39.83N;69.76E,h17km,mb2.6

ISU 26:22:25:01.4,39.93N;69.70E,h2km

ISC 26:22:24:59.6,1.4,39.76N;69.79E,0.04,h8km,11km, n16,c1930/28,14C-6D,Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BTk, BTK, GAR, CHGR, CHMI, DRK, TAS, etc.

IDC 26:22:43:20.2,6.0,5.76S;147.72E,h177km,57km,mb3.2/1, s-min=52.0km az=121.0,Eastern New Guinea region

PMG Port Moresby 3.67 189 P 22.44 18.3 +1.3

WRA Warramunga Arr 19.18 221 P 22.47 30.4 -0.2

ASAR Alice Springs 22.22 215 P 22.48 03.4 +0.8

TORD Torodi Ar. Bea 145.72 285 PKPbc PKPpdf 23.02 37.5 -1.2

IDC 26:22:44:54.5,3.9,4.75S;153.48E,h80km,27km,mb3.4/4, mbmp3.7/3,MS4.0/1,Error ellipse:s-maj=108.4km

ISC 26:22:44:51.0,1.3,4.9S;153.7E,0.1,h56km,n10, c154/8,mb3.5/4,NZeland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT, HNR, WRA, H1S1, H1S2, etc.

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Table with columns: LSA, LSA, LSA, LSA, LSA, LSA, etc. Includes stations like LSA, LSA, LSA, etc.

26d 23h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MOTA Moosalm, FETA Feichten, FUORN Offenpass-Fuorn, etc.

ICD 26 23:55:01.1±0.5, 25.93N; 99.91E, h0km, mb4.5/26, mbtp4.6/28, ML5.1/1, MS4.4/73, Error ellipse: s-maj=14.5km s-min=10.9km az=50.0, BUJ 26 23:55:01.8±0.0, 25.89N; 99.80E, h12km, mb4.8/66, mB5.2/38, ML5.0/14, Ms5.1/81, Ms7.4/872, MOS 26 23:55:02.5±0.9, 25.86N; 99.82E, h19km, mb5.1/67, MS4.6/69, Error ellipse: s-maj=6.9km s-min=3.7km az=125.8, GCMT 26 23:55:03.3±0.2, 25.82N; 01.9984E; 0.01, h20km±1km, MW5.1/120, Moment Tensor Solution. s46.655; s120.c176; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:0.08±.16; M0:0.55±.13; M2:4.97±.13; M3:0.26±.28; M4:0.52±.12; M5:0.36±.22; Best double couple: M5:0.56000±10^16 NP1:48.00000±.889,00000±.75,00000±. NP2:318.00000±.885,00000±.179,00000±. Principal axes: T 5.0250, Plg4.0000°, Azm273.0000°; N 0.0580, Plg65.0000°, Azm62.0000°; P -5.0870, Plg3.0000°, Azm183.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function, NEIC 26 23:55:06.3±1.6, 25.94N; 01.069984E; 0.07, h28km±4km, mb5.0/163 Error ellipse: s-maj=9.2km s-min=8.6km az=167.0, BGR 26 23:55:08.9±26.38N; 99.94E, h10km, mb4.6, ISC 26 23:55:04.9±0.3, 25.90N; 01.039979E; 0.03, h23km±3km, h23km; pP-P, n653, c1554/638, mb4.9/166, MS4.5/88, 43C-19D, Yunnan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TNCH TengChong, PZH PanZhiHua, KMI Kunming, MOKO MOKOCHONG, etc.

2017 MAR

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CHTO Chiang Mai, SHL Shillong, SHL Shillong, GUWA GUWAHATI, etc.

1530

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KOLD Koldanda, PYUN Piuthan, PBA Port Blair, etc.

XL	comp=Z,2um,9.8s	LR	LR						
DL2	comp=Z,3um,9.6s	P	P						
DL2	Dailian	22.47	49	S	S	00 00 01.8	-0.8		
DL2				S	S	00 04 06.5	-1.5		
DL2	comp=Z,2.5nm,0.9s			pmax	pmax				
DL2	comp=Z,2um,12.1s	LR	LR						
DL2	comp=Z,2um,13.5s	LR	LR						
DL2	comp=Z,2um,11.6s	LR	LR						
SONM	Songino Array	22.50	12	P	P	00 00 01.8	-1.2		
SONM	comp=Z,1.6nm,1.0s,baz=196,slow=11	LR	LR	SNR=50	LR	00 09 43.0			
SONM	comp=Z,1um,19.7s,baz=190,slow=39								
SONM	comp=Z,1.6nm,1.0s	22.50	12	P	P	00 00 03.5	+0.5		
SONM	Songino Array	22.50	12	P	P	00 00 03.5	+0.5		
SONM	Songino Array	22.50	12	P	P	00 00 03.5	+0.5		
ULN	comp=Z,1.7nm,1.0s	22.66	13	P	P	00 00 03.8	-0.8		
ULN	Ulaanbaatar			pP	pP	00 00 04.9	-6.8		
ULN	Ulaanbaatar	22.66	13	P	P	00 00 03.8	-0.8		
ULN				*PP	pP	00 00 04.9	-6.8		
PSI	comp=Z,3.0nm,1.1s			pmax	pmax				
PSI	Prapat	22.99	182	P	P	00 00 09.9	+1.6		
PSI	Prapat	22.99	182	P	P	00 00 08.5	+0.2		
PSI				pmax	pmax				
RGY	comp=Z,6.3nm,1.2s	23.04	117	LR	LR	00 08 11.9			
RGY	Tagayay City								
RPSI	comp=Z,2.5nm,19.9s	23.09	182	P	P	00 00 08.5	-0.7		
RPSI	Rantau Prapat			IAMB	IAMB	00 00 12.1			
TARG	comp=Z,6.3nm,1.2s	24.04	317	P	P	00 00 19.8	+1.1		
TARG	Tagaray, Kyrgy			IAMB	IAMB	00 00 38.0			
TARG	comp=Z,5.2nm,1.0s	24.04	317	P	P	00 00 19.8	+1.1		
TARG	Tagaray, Kyrgy			pmax	pmax				
KSH	comp=Z,5.2nm,1.0s	24.11	310	P	P	00 00 20.5	+1.4		
KSH	Kashi			sP	sP	00 00 32.3	+2.5		
KSH				pmax	pmax				
KSH	comp=Z,1.3nm,0.9s			LR	LR				
KSH	comp=Z,2um,19.0s			LR	LR				
KSH	comp=Z,1um,20.9s			LR	LR				
UZB	comp=Z,1um,20.3s	24.15	321	eP	P	00 00 20.7	+1.2		
UZB	Uzynbulak			baz=321					
UZB	Uzynbulak	24.15	321	eP	P	00 00 20.7	+1.2		
NIL	Nilore	24.25	295	P	P	00 00 19.6	+0.7		
NIL	Nilore	24.25	295	P	P	00 00 19.6	-0.7		
NIL				pmax	pmax				
SATY	comp=Z,7.7nm,0.9s	24.45	320	iP	P	00 00 23.6	+1.3		
SATY	Saty								
SATY	comp=Z,4.2nm,1.4s,baz=320	24.45	320	iP	P	00 00 23.5	+1.3		
SATY	Saty			pmax	pmax				
ZHN	comp=Z,4.2nm,1.4s	24.50	320	iP	P	00 00 24.0	+1.3		
ZHN	Zhinisheke			baz=320					
ZHN	Zhinisheke	24.50	320	iP	P	00 00 23.9	+1.3		
KPKS	Kokpek	24.55	321	eP	P	00 00 23.9	+0.9		
KPKS	Zakamensk	24.59	5	eP	P	00 00 22.4	-0.9		
KPKS	Zakamensk			pmax	pmax				
KDJ	comp=Z,1.4nm,1.4s	24.65	317	P	P	00 00 25.4	+1.4		
KDJ	Kajisay			IAMB	IAMB	00 00 31.2			
KDJ	comp=Z,3.2nm,0.8s	24.65	317	P	P	00 00 25.4	+1.4		
KDJ	Kajisay			pmax	pmax				
NRN	comp=Z,3.3nm,0.8s	25.02	314	P	P	00 00 28.5	+0.9		
NRN	Naryn			IAMB	IAMB	00 00 33.1			
NRN	comp=Z,3.0nm,1.1s	25.02	314	P	P	00 00 28.5	+0.9		
NRN	Naryn			pmax	pmax				
MK31	comp=Z,3.0nm,1.1s	25.06	331	P	P	00 00 28.1	+0.6		
MK31	Makanchi Array			IAMB	IAMB	00 00 43.9			
MK31	comp=Z,3.9nm,0.8s	25.06	331	iP	P	00 00 27.9	+0.4		
MK31	Makanchi Array			baz=319					
MK31	Makanchi Array	25.06	331	iP	P	00 00 28.1	+0.6		
MK31	Makanchi Array			SNR=254					
MKAR	comp=Z,3.3nm,0.8s,baz=139,slow=10	25.06	331	LR	LR	00 11 10.1			
MKAR	comp=Z,5.55nm,18.1s,baz=161,slow=39								
KKM	comp=Z,3.3nm,0.8s	25.23	139	P	P	00 00 30.5	+1.1		
KKM	Kota Kinabalu			IAMB	IAMB	00 00 36.9			
KKM	comp=Z,4.7nm,1.0s	25.23	139	P	P	00 00 33.7	+4.3		
KKM	Kota Kinabalu			pP	pP	00 00 29.8	+0.7		
SNY	comp=Z,4.1nm,0.7s	25.23	45	pP	pmax				
SNY	Shenyang			pmax	pmax				
SNY	comp=Z,2um,13.5s			LR	LR				
SNY	comp=Z,3um,11.6s			LR	LR				
SNY	comp=Z,2um,12.1s	25.29	316	P	P	00 00 31.4	+1.4		
ULHL	Ulaho	25.29	316	P	P	00 00 31.4	+1.4		
ULHL	SNR=9.6								
TNSS	Tian-Shan	25.30	318	eP	P	00 00 31.2	+1.0		
TNSS	baz=318								
TNSS	Tian-Shan	25.30	318	eP	P	00 00 31.2	+1.0		
MDOK	Medeo	25.32	319	eP	P	00 00 31.5	+1.5		
MDOK	baz=318								
JOW	Medeo	25.32	319	eP	P	00 00 31.5	+1.5		
JOW	Kunigami	25.52	82	P	P	00 00 30.2	-1.7		
JOW	comp=Z,2.8nm,0.7s,baz=309,slow=16	25.52	82	LR	LR	00 11 41.0			
JOW	comp=Z,2um,19.0s,baz=284,slow=39								
DGZ	comp=Z,2.8nm,0.7s	25.62	341	iP	P	00 00 33.1	+0.4		
DGZ	Jazzator, Alta			pmax	pmax				
TJN	comp=Z,4.0nm,1.4s	25.73	59	eP	P	00 00 34.1	+0.4		
TJN	Taejon			pP	pP	00 00 34.1	+0.3		
MOY	Mondy	25.74	2	eP	P	00 00 34.5	+0.5		
CHKK	Chushkaly	25.76	320	eP	P	00 00 34.4	+0.5		
CHKK	baz=320								
CHKK	Chushkaly	25.76	320	eP	P	00 00 34.4	+0.5		
TKM2	Tokmak 2	25.06	317	eP	P	00 00 38.3	+1.4		
TKM2	SNR=19								
KUU	Kurty	26.16	319	eP	P	00 00 38.5	+0.9		
KUU	comp=Z,6.6nm,1.5s,baz=319								
KUU	Kurty	26.16	319	eP	P	00 00 38.4	+0.9		
KUU				pmax	pmax				
SBUM	comp=Z,6.6nm,1.5s	26.21	151	P	P	00 00 39.4	+1.3		
SBUM	Sibu								
KBK	Karagaybulak	26.32	316	P	P	00 00 40.8	+1.6		
UCH	Uchtor	26.38	314	P	P	00 00 41.7	+1.6		
UCH	SNR=9.5								
KS19	Wonju Array Si	26.44	57	P	P	00 00 41.7	+1.6		
KS19	IAMB			IAMB	IAMB	00 01 12.0			
KSRS	comp=Z,5.6nm,1.7s	26.47	57	P	P	00 00 39.2	-1.1		
KSRS	Korea Array								
KSRS	comp=Z,1.8nm,0.8s,baz=236,slow=9.3,SNR=6.2					00 10 42.2			
KSRS	comp=Z,8.76nm,18.9s,baz=250,slow=36								
AAK	comp=Z,1.8nm,0.8s	26.60	315	P	P	00 00 43.5	+1.8		
AAK	Ala-Archa								
AAK	comp=Z,2.1nm,1.0s,baz=135,slow=5.9,SNR=23	26.60	315	P	P	00 00 43.2	+1.5		
AAK	Ala-Archa			LR	LR	00 12 01.8			
AAK	comp=Z,7.72nm,20.9s,baz=112,slow=38								
AAK	comp=Z,2.1nm,1.0s	26.60	315	P	P	00 00 43.4	+1.6		
AAK	Ala-Archa			IAMB	IAMB	00 00 52.9			
AAK	comp=Z,4.1nm,0.9s	26.60	315	eP	P	00 00 43.5	+1.8		
AAK	Ala-Archa			pmax	pmax				
FRU1	comp=Z,3.7nm,1.3s	26.60	316	P	P	00 00 42.8	+1.2		
FRU1	Bishkek			IAMB	IAMB	00 00 48.6			
FRU1	comp=Z,4.1nm,0.9s	26.60	316	P	P	00 00 42.8	+1.2		
FRU1	Bishkek								

FRU1	comp=Z,4.1nm,0.9s			pmax	pmax				
CHMS	Chumysh	26.63	316	P	P	00 00 42.4	+0.6		
CHMS	SNR=10								
AML	Almayashu	26.86	314	P	P	00 00 46.2	+1.9		
USP	Ospenovka	26.92	316	P	P	00 00 45.9	+1.4		
SGDS	Sogindy	26.94	317	eP	P	00 00 45.8	+1.1		
SGDS	baz=31								
SGDS	Sogindy	26.94	317	eP	P	00 00 45.8	+1.1		
EKS2	Erkin-Say	27.07	315	P	P	00 00 47.8	+1.9		
MYLDM	Lahad Datu	27.30	136	P	P	00 00 47.9	-0.2		
MYLDM	comp=Z,3.0nm,1.2s			IAMB	IAMB	00 01 19.0			
CN2	Changchun	27.44	43	eP	P	00 00 58.5	+9.5		
KBL	Kabul	27.44	295	P	P	00 00 52.5	-0.5		
KBL	comp=Z,3.9nm,1.1s			IAMB	IAMB	00 01 03.7			
KBL	Kabul	27.44	295	P	P	00 00 52.5	-0.5		
KBL	comp=Z,3.9nm,1.1s			pmax	pmax				
JNU	comp=Z,3.9nm,1.1s	27.93	68	P	P	00 00 52.3	-1.3		
JNU	Nakatsue			SNR=2.1	LR	00 11 51.1			
JNU	comp=Z,9.12nm,21.7s,baz=258,slow=36								
JNU	comp=Z,1.9nm,1.0s	27.93	68	P	P	00 00 54.0	+0.5		
JNU	Nakatsue			IAMB	IAMB	00 00 59.3			
JNU	comp=Z,3.0nm,0.8s	27.93	68	P	P	00 00 58.7	+5.1		
JNU	Nakatsue								
GAR	comp=Z,4.7nm,0.9s	27.95	305	P	P	00 00 53.0	-0.8		
GAR	Garm			IAMB	IAMB	00 01 36.0			
BTK	Batken	27.95	308	P	P	00 01 18.1			
HIA	Hailar	28.01	28	iP	P	00 00 55.2	+1.1		
CHGR	Chuyangaron	28.71	304	P	P	00 01 00.8	+0.2		
CHGR	comp=Z,2.9nm,0.9s			IAMB	IAMB	00 01 37.6			
CHGR	Chuyangaron	28.71	304	P	P	00 01 00.8	+0.2		
CHGR	comp=Z,2.9nm,0.9s			pmax	pmax				
DZA	Taraz	28.76	313	eP	P	00 01 02.1	+1.1		
DZA	baz=313								
IUG	Iuzhnyy	29.31	311	eP	P	00 01 02.0	+1.1		
IUG	comp=Z,2.9nm,0.9s								
IUG	Iuzhnyy	29.31	311	eP	P	00 01 07.4	+1.5		
IUG	baz=311								
KK31	Karatay Array	29.40	313	P	P	00 01 07.4	+0.9		
KK31	Karatay Array	29.40	313	P	P	00 01 07.4	+0.9		
KK31	comp=Z,4.0nm,0.9s			pmax	pmax				

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res		
Code	Station Name	Δ°	AZ°	Phase	ID	h	m	s	ISC
GVDS	Gavdos	0.23	134	Op	P	01	42	16.6	-0.4
GVDS	Gavdos	0.23	134	P	Sb	01	42	16.6	+0.1
GVDS	Gavdos	0.23	134	Pg	Pb	01	42	16.7	-0.3
GVDS	Gavdos	0.23	134	Sg	Pb	01	42	21.5	+0.2
GVD	Gavdhos	0.23	135	P	Sb	01	42	16.8	-0.2
GVD	Gavdhos	0.23	135	S	Sb	01	42	21.9	+0.6
GVD	Gavdhos	0.23	135	Pg	Pb	01	42	16.8	-0.2
GVD	Gavdhos	0.23	135	Sg	Pb	01	42	21.9	+0.6
GVD	Gavdhos	0.23	135	P	Sb	01	42	16.8	-0.2
GVD	Gavdhos	0.23	135	S	Sb	01	42	22.0	+0.6
GVD	Gavdhos	0.23	135	AML	AML	01	42	22.1	
GVD	Gavdhos	0.23	135	AML	AML	01	42	23.6	
KNDR	Palaiochora Ch	0.29	324	P	Sb	01	42	17.1	-0.6
KNDR	Palaiochora Ch	0.29	324	S	Sb	01	42	22.4	-0.2
KNDR	Palaiochora Ch	0.29	324	Pg	Pb	01	42	17.2	-0.6
KNDR	Palaiochora Ch	0.29	324	Sg	Pb	01	42	23.4	+0.8
KNDR	Palaiochora Ch	0.29	324	P	Sb	01	42	17.1	-0.6
KNDR	Palaiochora Ch	0.29	324	S	Sb	01	42	22.3	-0.2
KNDR	Palaiochora Ch	0.29	324	AML	AML	01	42	25.3	
KNDR	Palaiochora Ch	0.29	324	AML	AML	01	42	25.3	
IMMV	Iera Moni Meta	0.47	9	P	Pb	01	42	19.7	-0.7
IMMV	Iera Moni Meta	0.47	9	S	Sb	01	42	26.7	-0.4
IMMV	Iera Moni Meta	0.47	9	Pg	Pb	01	42	19.9	-0.6
IMMV	Iera Moni Meta	0.47	9	Sg	Pb	01	42	19.9	-0.6
IMMV	Iera Moni Meta	0.47	9	P	Sb	01	42	27.1	0.0
IMMV	Iera Moni Meta	0.47	9	AML	AML	01	42	29.6	
IMMV	Iera Moni Meta	0.47	9	AML	AML	01	42	30.3	
CHAN	Chantha	0.53	13	P	Pb	01	42	21.1	-0.5
CHAN	Chantha	0.53	13	S	Sb	01	42	29.8	+0.9
CHAN	Chantha	0.53	13	AML	AML	01	42	31.1	
CHAN	Chantha	0.53	13	AML	AML	01	42	36.5	
RODP	Rodopos	0.57	349	P	Sb	01	42	21.6	-0.6
RODP	Rodopos	0.57	349	S	Sb	01	42	30.0	0.0
RODP	Rodopos	0.57	349	Pg	Pb	01	42	21.9	-0.3
PRNS	Prines Rethymn	0.62	54	P	Pb	01	42	21.5	-1.4
PRNS	Prines Rethymn	0.62	54	S	Sb	01	42	31.1	-0.2
TMBK	Timbaki Heraki	0.72	84	P	Pb	01	42	24.7	0.0
TMBK	Timbaki Heraki	0.72	84	S	Sb	01	42	36.4	+1.3
TMBK	Timbaki Heraki	0.72	84	P	Sb	01	42	24.8	+0.1
TMBK	Timbaki Heraki	0.72	84	S	Sb	01	42	37.1	+2.1
TMBK	Timbaki Heraki	0.72	84	AML	AML	01	42	42.0	
TMBK	Timbaki Heraki	0.72	84	AML	AML	01	42	45.5	
IDI	Anoyia	0.87	70	Pn	Pn	01	42	26.1	-1.0
IDI	Anoyia	0.87	70	Pn	Pn	01	42	36.9	
IDI	Anoyia	0.87	70	LR	LR	01	42	43.9	
IDI	Anoyia	0.87	70	P	Pn	01	42	26.3	-0.8
IDI	Anoyia	0.87	70	Pg	Pb	01	42	26.3	-0.8
IDI	Anoyia	0.87	70	P	Pn	01	42	28.4	+1.3
ANKY	Antikythira Is	0.99	331	P	Pn	01	42	29.1	+0.5
ANKY	Antikythira Is	0.99	331	P	Pn	01	42	29.2	+0.5
ANKY	Antikythira Is	0.99	331	P	Pn	01	42	31.1	+0.5
KSTL	Kastelli Herak	1.01	72	P	Pb	01	42	33.1	+3.5
IACM	Heraklion	1.04	72	P	Pb	01	42	29.4	+0.4
HRKL	Heraklio	1.04	72	P	Pb	01	42	30.1	+0.1
HRKL	Heraklio	1.04	72	Pg	Pb	01	42	30.2	+0.2
KTHA	Kythira Island	1.42	332	P	Pb	01	42	37.0	+0.4
KTHA	Kythira Island	1.42	332	Pn	Pb	01	42	36.7	+0.1
FRMA	Ierapetra Chan	1.51	89	P	Pb	01	42	41.2	+3.2
FRMA	Ierapetra Chan	1.51	89	P	Pb	01	42	40.3	+2.3
MHLO	Agia Larina, M	1.74	14	P	Pb	01	42	40.8	-1.1
STIA	Sitia Mastira	1.81	83	P	Pb	01	42	44.1	+0.9
THR6	Thira Island	1.83	42	P	Pb	01	42	44.2	+0.8
SAP3	Santorini-Thir	1.86	39	P	Pn	01	42	42.2	+1.6
THR3	Thira Island	1.87	41	P	Pb	01	42	43.0	-1.1
SANT	Santorini	1.87	43	Pn	Pn	01	42	42.8	+2.0
SANT	Santorini	1.87	43	Pn	Pn	01	42	42.3	+1.5
VLI	Velvia	1.88	36	P	Pb	01	42	43.3	-1.0
THR8	Santorini-Mono	1.91	42	P	Pb	01	42	43.8	-1.0
ZKR	Zakros	1.91	86	P	Pb	01	42	45.1	+0.3
ZKR	Zakros	1.91	86	P	Pb	01	42	45.2	+1.2
CMB0	Columbo, Santo	1.92	40	P	Pb	01	42	43.6	-1.3
KRND	KRANIDI	2.45	346	P	Pn	01	42	50.4	+1.6
PYL	PYLOS	2.57	318	P	Pn	01	42	51.8	+1.4
EPID	Epidauros	2.68	347	P	Pn	01	42	55.0	+3.0
ITM	Ithomi	2.69	324	P	Pn	01	42	53.4	+1.1
ITM	Ithomi	2.69	324	P	Pn	01	42	53.4	+1.1
KARP	Karpathos	2.73	78	Pn	Pn	01	42	54.3	+1.6
VLY	Voula, Athens	2.85	358	P	Pn	01	42	56.4	+2.2
ATHU	Athens Univer	2.96	358	P	Pn	01	42	57.2	+1.4
DION	Dionisos Attik	3.07	1	P	Pn	01	43	00.2	+2.9
GUR	Goura	3.18	337	P	Pn	01	43	02.0	+3.0
WILL	Willia	3.19	352	P	Pn	01	43	02.7	+1.7
KLK	Kalavryta, Ach	3.34	336	P	Pn	01	43	03.2	+2.1
EREA	Eretria	3.41	1	P	Pn	01	43	04.0	+2.0
DRO	Drossia	3.43	330	P	Pn	01	43	04.4	+2.2
BODT	Boodrum	3.45	52	Pn	Pn	01	43	03.3	+0.8
DAT	Datca	3.46	39	P	Pn	01	43	04.2	+1.5
DAT	Datca	3.46	39	Pn	Pn	01	43	04.2	+1.5
LAKA	Lakka	3.58	303	P	Pn	01	43	05.8	+1.5
SMG	Samos	3.60	40	P	Pn	01	43	05.7	+1.1
RLS	Riolos of Patr	3.62	328	P	Pn	01	43	06.5	+1.6
ARG	Arkhangelos	3.66	69	S	Pn	01	43	08.1	+2.7
ARG	Arkhangelos	3.66	69	S	Pn	01	43	31.2	+3.6
ARG	Arkhangelos	3.66	69	Pn	Pn	01	43	07.3	+1.9
SERG	Sergoula	3.71	337	P	Pn	01	43	08.3	+2.2
ATAL	Atalanti	3.75	350	P	Pn	01	43	08.4	+1.8
EPAL	Egialio	3.77	336	P	Pn	01	43	09.3	+3.9
CHOS	Chios Island	3.80	27	Pn	Pn	01	43	08.7	+1.3
AXAR	Agios Charalam	3.89	346	P	Pn	01	43	11.2	+2.7
ANX	Ano Chora	3.92	337	P	Pn	01	43	11.3	+2.3
TURN	Turunc	3.95	62	Pn	Pn	01	43	11.2	+1.8
TURN	Turunc	3.95	62	P	Pn	01	43	09.4	0.0
URL	Izmir	4.00	32	Pn	Pn	01	43	11.0	+1.0
VLS	Valsamata	4.14	321	P	Pn	01	43	12.8	+0.9
YER	Yerkesik	4.15	58	Pn	Pn	01	43	15.4	+3.3
YER	Yerkesik	4.15	58	Pn	Pn	01	43	14.2	+2.1
AGG	Agios Georgios	4.20	343	P	Pn	01	43	14.9	+2.0
MAKR	Makrakomi, Fth	4.20	341	P	Pn	01	43	16.2	+2.7
DALY	Dalyan (Musia)	4.27	64	Pn	Pn	01	43	16.8	+2.8
EVGI	Lefkada island	4.45	325	P	Pn	01	43	18.2	+2.0
NYDR	Nydri-Lefkada	4.50	326	P	Pn	01	43	18.6	+1.6
IZZE	Mula-Seydikte	4.57	70	SPECP	P	01	43	18.0	
IZZE	Mula-Seydikte	4.57	70	P	Pn	01	43	18.7	+0.8
IZZE	Mula-Seydikte	4.57	70	S	Pn	01	43	16.1	-4.0
IZZE	Mula-Seydikte	4.57	70	AML	AML	01	44	13.0	
LK2D	Lefkada island	4.58	327	P	Pn	01	43	19.2	+1.1
TAVA	Denizli-Tavas	4.75	57	P	Pn	01	43	21.7	+1.3
CAME	Cameleli-Denizli	4.80	65	Pn	Pn	01	43	22.1	+2.1
AKAS	Kas	4.81	74	Pn	Pn	01	43	22.8	+1.4
AKAS	Kas	4.81	74	SPECP	P	01	43	22.0	
AKAS	Kas	4.81	74	P	Pn	01	43	22.9	+1.6
AKAS	Kas	4.81	74	S	Pn	01	44	17.4	+1.1
AKAS	Kas	4.81	74	AML	AML	01	44	19.0	
CAEL	Denizli, Camel	4.88	63	Pn	Pn	01	43	23.4	+1.0
DNIZ	Denizli-Tavas-	4.91	56	SPECP	P	01	43	22.0	
DNIZ	Denizli-Tavas-	4.91	56	P	Pn	01	43	22.5	-0.2
APMY	Acipayam-Deniz	5.02	59	Pn	Pn	01	43	25.6	+2.4
GOLH	Golhisar	5.10	62	Pn	Pn	01	43	27.9	+2.6
ELL	Elmal	5.19	69	Pn	Pn	01	43	28.8	+2.3
AKUM	Antalya-Kumluc	5.42	74	SPECP	P	01	43	30.0	
AKUM	Antalya-Kumluc	5.42	74	P	Pn	01	43	31.0	+1.4
AKUM	Antalya-Kumluc	5.42	74	S	Pn	01	44	29.0	-1.9
AKUM	Antalya-Kumluc	5.42	74	AML	AML	01	44	34.0	
USAK	Uak-Merkez	5.54	46	P	Pn	01	43	3	

Table with columns: PDGK, Podgornoye, 1.21 311, Pn, 02 37 56.0 -0.3, etc. Lists various stations and their coordinates.

Table with columns: DGS, 15nm,0.4s, Lg, Lg, 02 39 24.5, etc. Lists station names like Degeres, Tokmak 2, etc.

Table with columns: MGCD, Mangrove Creek, 23.64 203, P, P, 02 47 12.8 +2.0, etc. Lists stations like Mangrove Creek, Cobar Meteorol, etc.

NEIC 27 02:41:58.6±1.1, 11:57S;0:07:161.9E;0:1, h10km, 1km, mb5 1/86, Error ellipse: s-maj=17.5km s-min=10.8km az=66.0

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Lists codes and station names like HNR, DZM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NR1K, KSH, ZALV, MKAR, etc.

SJA 27 03:18:52.9, 1.9, 20.60S; 68.86W, h100km, ML4.1, MW3.9, Hypocentre not reviewed by the ISC

VAO 27 03:18:54.9, 0.4, 20.61S; 69.12W, h122km, mb4.1, NEIC 27 03:18:54.2, 1.8, 20.62S; 0.02; 69.09W; 0.06, h120km, 5km, mb4.3/12, ML4.1 (GUC), Error ellipse: s-maj=8.7km s-min=2.9km az=89.0

IDC 27 03:18:55.8, 1.5, 20.71S; 68.70W, h119km, 14km, mb3.5/4, mbmp3.9/7, Error ellipse: s-maj=30.2km s-min=14.4km az=109.0

GUC 27 03:18:55.7, 0.2, 20.62S; 69.02W, h113km, 3km, ML4.1, ISC 27 03:18:54.0, 0.6, 20.59S; 0.03; 69.00W; 0.05, h118km, 6km, n116, s1948/141, mb4.4/3, 8C-1D, Northern Chile

Main table for the first column containing station data for various regions including Chile, Brazil, and others.

Main table for the second column containing station data for various regions including Chile, Brazil, and others.

Table for the third column containing station data for various regions including Chile, Brazil, and others.

Table for the fourth column containing station data for various regions including Chile, Brazil, and others.

Table for the fifth column containing station data for various regions including Chile, Brazil, and others.

mb4.6/31, Error ellipse: s-maj=20.7km s-min=13.8km az=178.0
IDC 27 04:18:57.4, 0.2, 21.09S; 176.39W, h197km, 26gkm,
mb3.8/10, mbmt4.3/12, Error ellipse: s-maj=21.8km
s-min=15.5km az=121.0
ISC 27 04:18:56.2, 0.5, 21.2S; 176.19W, 0.09, h196km, n63,
c=1525/65, mb4.4/22, 1D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like NIUE, MSVF, LIFNC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DSZ, Denniston Nort, CAW, etc.

UPP 27 04:34:49.5, 0.1, 67.84N; 20.21E, h0km, ML2.8, Confirmed

Included event HEL 27 04:34:50.3, 0.3, 67.83N; 20.26E, h0km, ML1.6, Explosion
DNK 27 04:34:50.0, 0.8, 67.85N; 20.20E, h0km, ML2.8(UPP),

Suspected explosion ISC 27 04:34:48.8, 0.8, 67.81N; 0.02; 20.35E, h0km, n36,
c=97/59, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RATU, Laukkuluspa, KOUVU, etc.

WEL 27 04:35:17.4, 0.7, 41.1S; 173.3E, h117km, 5gkm, M3.0/13,
MLV3.0/13, Error ellipse: s-maj=0.0km s-min=0.0km
az=108.1, confirmed, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MNRZ, MFRNZ, TKNZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like OTVZ, Oturere, KRVZ, etc.

WEL 27 04:44:28.9, 1.1, 40.5S; 173.3E, h101km, 12km, M2.3/2,
MLV2.3/2, Error ellipse: s-maj=0.0km s-min=0.0km
az=176.4, confirmed, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DUWZ, D'Urville Isla, DUWZ, etc.

IDC 27 04:51:00.8, 7.2, 20.00S; 178.68W, h599km, 70km, mb3.1/4,
mbmt4.0/5, Error ellipse: s-maj=146.6km s-min=34.1km
az=146.0

ISC 27 04:51:00.4, 2.4, 20.1S; 0.38; 178.5W, 0.4, h602km, n7,
c=1519/9, mb3.6/4, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZM, Mont Dzumac, ASAR, etc.

IDC 27 04:55:51.5, 4.0, 33.82N; 79.95E, h0km, mb3.8/2,
mbmt3.6/5, ML3.1/3, Error ellipse: s-maj=86.3km
s-min=35.3km az=102.0

ISC 27 04:55:51.6, 2.1, 33.8N; 0.2; 80.3E, 0.2, h10km, n6, c=23/7,
Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AAK, Ala-Archa, AAK, etc.

PDG 27 05:19:43.1, 0.1, 43.46N; 17.39E, h1km, MD3.4/1,
ML3.3/12, Error ellipse: s-maj=0.4km s-min=0.5km az=0.0

BEO 27 05:19:43.8, 0.4, 43.47N; 17.38E, h10km, 2km, ML2.9/15

RHSSO 27 05:19:44.0, 0.2, 43.45N; 17.42E, h5km, 1km, ML3.2/22

PRU 27 05:19:45.2, 0.1, 43.47N; 17.33E, h0km

ISC 27 05:19:43.6, 1.1, 43.48N; 0.02; 17.43E, 0.01, h2km, gkm,
n100, c1923/186, 10C-12D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RIC1, Ricice, MAKA, etc.

WEL 27 04:32:57.6, 0.5, 42.5S; 174.4E, h5km, M2.3/5, ML2.6/6,
MLV2.3/5, Error ellipse: s-maj=0.0km s-min=0.0km
az=113.5, confirmed, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KHZ, Kahutara, KHZ, etc.

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

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

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

ellipse: s-maj=1.7km s-min=0.6km az=236.0
DDA 27 05:45:55.0,0.0,34.82N-24.13E,h36km,MW3.8
ISC 27 05:45:51.3,0.7,34.99N-23.82E,0.03,h28km,5km,
n113,r1965/134,mb3.9/13,MS3.8/4,Crete

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Gavdos, Palaiochora Ch, KNDR, etc.

comp=N,0.5nm,0.3s,baz=312,slow=12,SNR=2.4
EIL comp=N,0.6nm,0.3s,baz=63,slow=21,SNR=2.6
comp=N,2.2nm,0.3s

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like GERE, DAVOX, AKASG, etc.

comp=Z,2.2nm,0.8s,baz=16,slow=2.6,SNR=6.9
AKASG Malin Array B 148.89 325 PKPbc PKIKP 06 28 56.8 +0.5
MMAI Mount Meron Ar 150.52 289 PKR1Pbc PKIKP 06 27 02.7 +2.2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like BRTR, TOR, NEIC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Sorong, Warramunga Arr, Alice Springs, and Makanchi Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Kahutara, Greta Valley S, Lake Taylor, Amberley Tophouse, Matariki Terra, and others.

27d 06:53:49.1s 1.5, 34.68N, 24.31E, h0km, mb3.7/4, s-min=28.3km az=136.0

ATH 27 06:53:52.5, 34.73N, 24.23E, h28km, 1km, ML3.4/6, Error ellipse: s-maj=9.9km s-min=1.5km az=175.0

ISK 27 06:53:52.9, 34.86N, 24.28E, h22km, ML3.2/0 DDA 27 06:53:54.0, 0.0, 34.27N, 24.49E, h38km, ML3.1

THE 27 06:53:54.9, 34.91N, 24.25E, h0km, 1km, ML3.1/7, Error ellipse: s-maj=1.7km s-min=0.6km az=150.0

ISC 27 06:53:58.0, 0.8, 34.83N, 0.05, 24.23E, h24km, 5km, n70, r131/92, mb3.8/4, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Gavdos, Gavdhos, and Gavdhos.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Prines Rethym, Palaiochora Ch, and lera Moni Meta.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Anoyia, Anoyia, and Anoyia.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Rodopos, Rodopos, Kastelli Herak, and others.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for STIA, Zakros, Kithira Island, and others.

Table with columns: EPID, VLY, DAT, VILL, GUR, ARG, KLV, DRO, TURN, YER, DALY, MULA, FETY, FETY, IZZE, IZZE. Includes entries for Epidavros, Voula, Athens, and others.

Table with columns: AKAS, AKAS, AKAS, AKAS, AKAS, TAVA, CAME, DNIZ, DNIZ, APMY, LKQ2, LKQ2, GOLH, GOLH, GOLH, KEPEZ, KEPEZ, GAZI, GAZI, GAZI, AKAS, TOR, TOR, MKAR, YKA, YKA. Includes entries for Epidavros, Voula, Athens, and others.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Warramunga Arr, Alice Springs, and Makanchi Array.

ISC 27 07:02:02.5, 5.5, 2.62S, 139.08E, h0km, mb3.5/2, mbtmp3.6/3, ML3.5/1, Error ellipse: s-maj=224.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Warramunga Arr, Alice Springs, and Makanchi Array.

ISC 27 07:10:57.0, 2.8, 6.41N, 127.21E, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=215.7km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Warramunga Arr, Alice Springs, and Makanchi Array.

ISC 27 07:10:57.2, 2.2, 0.08N, 126.67E, h0km, mb3.0/3, mbtmp3.1/3, Error ellipse: s-maj=176.7km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Warramunga Arr, Alice Springs, and Makanchi Array.

ISC 27 07:43:01.8, 1.6, 42.04N, 126.79W, h0km, mb3.6/6, mbtmp3.4/9, ML2.7/3, MS3.0/6, Error ellipse: s-maj=44.8km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Yreka Blue Hor, Yreka Blue Hor, and Yreka Blue Hor.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Yreka Blue Hor, Yreka Blue Hor, and Yreka Blue Hor.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Yreka Blue Hor, Yreka Blue Hor, and Yreka Blue Hor.

Table with columns: H11N1, H11S1, H11S2, H11S3, SONM, KURBB, MKAR. Includes entries for WAKE ISLAND Hy, WAKE ISLAND Hy, and others.

UPA 27 07:44:37.8, 1.1, 8.25N, 82.57W, h44km, 6km, ML3.2, MW3.2

UCR 27 07:44:38.3, 1.9, 8.22N, 82.59W, h30km, 3km, MW3.6

ISC 27 07:44:37.9, 1.9, 8.19N, 82.58W, 0.04, h25km, 12km, n49, r079/79, 8C-3D, Panama-Costa Rica border region

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Petroterminale, Loma Colorada, David, La Esperanza, Caracol de Cor, Canoa, Volcan, and others.

WEL 27 07:55:47.0, 0.6, 42.3S, 177.4E, h5km, M2.1/4, ML2.5/9, ML2.1/4, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Cape Campbell, Blackbirch Sta, Tuamarina, and others.

WEL 27 08:14:03.5, 1.1, 39.5S, 177.6E, h47km, 10km, M1.5/6, ML1.8/13, MLV1.5/6, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for BKZ, MRHZ, KWHZ, and others.

Table with columns: J29M, Klondike Camp, 85.55, 25, P, Iamb, P, 08 33 16.5 +1.3, etc. Includes various station codes and coordinates.

Table with columns: WAT7, Susitna Watana, 3.79, 32, Pn, Pn, 08 24 15.2 -0.4, etc. Includes station codes and coordinates.

AEIC 27 08:24:12.4: 1.2, 60.15N, 0.04:153.35W:0.08, h138km, 4km, ML2.8, mb3.9/3(NEIC), ML3.3/70(NEIC), Error ellipse: s-maj=6.2km s-min=4.3km az=131.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station codes and coordinates.

AEIC 27 08:23:19.8: 1.1, 59.72N, 0.04:153.20W:0.07, h108km, 5km, ML2.6, ML2.9/60(NEIC), Error ellipse: s-maj=6.0km s-min=5.3km az=190.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station codes and coordinates.

NEIC 27 08:24:11.2: 1.2, 60.16N, 0.03:153.38W:0.06, h143km, 5km, Error ellipse: s-maj=6.2km s-min=1.8km az=136.0, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station codes and coordinates.

Table with columns: MID, Middleton Isla, 3.63, 99, Pn, Pn, 08 25 06.7 +0.3, etc. Includes station codes and coordinates.

IDC 27 08:27:52.5: 1.4, 24.27N, 122.19E, h0km, mb3.4/4, mbmp3.5/4, MS3.6/1, Error ellipse: s-maj=66.7km s-min=30.2km az=66.0

JMA 27 08:27:56.5: 0.1, 24.22N, 0.5:121.7E:0.5, h33km, MV3.1/9, TAP 27 08:27:57.3, 24.26N, 121.75E, h25km, ML3.9/B, ISC 27 08:27:56.7: 0.8, 24.21N, 0.01:121.82E:0.02, h23km, 4km, n137, e193/260, mb3.4/4, 7C-19D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes station codes and coordinates.

NNS	baz=299	eS	Sb	08 28 12.9	-0.2
NDT	Datong Townshi baz=328	iP	Pb	08 28 06.3	-0.3
NDT		eS	Sb	08 28 13.3	0.0
ENTT	baz=328	iP	Pb	08 28 06.3	-0.4
ENTT	Nioudou baz=337	eS	Sb	08 28 13.1	-0.4
WHF	baz=337	iP	Pb	08 28 07.5	+0.2
WHF	Hehuan Shan baz=256	eS	Sb	08 28 14.6	+0.1
ESL	baz=256	iP	Pb	08 28 07.6	+0.3
ESL	Shilin baz=212	S	Sn	08 28 15.9	-1.1
TWE	baz=212	iP	Pb	08 28 07.2	-0.2
TWE	Neicheng baz=353	S	Sb	08 28 14.5	-0.1
TEGC	baz=353	iP	Pn	08 28 08.8	-0.4
TEGC	Jichi Village baz=199	eS	Sn	08 28 18.1	+0.4
ILA	baz=199	eP	Pb	08 28 08.1	+0.2
ILA	Ilan baz=1.0	eS	Sb	08 28 16.1	+0.6
FUSB	baz=1.0	iP	Pb	08 28 08.1	-0.3
FUSB	Fushanzhiwuyua baz=344	S	Sb	08 28 15.8	-0.6
TWT	baz=344	eP	Pb	08 28 09.2	+0.7
TWT	Tachien baz=269	eS	Sb	08 28 17.0	+0.5
TDCB	baz=270	eP	Pb	08 28 09.2	+0.4
TDCB	Techi baz=270	eS	Sb	08 28 16.9	0.0
CHGB	baz=270	P	Pb	08 28 09.2	+0.4
CHGB	Renai baz=250	eS	Sb	08 28 17.3	+0.2
YHNB	baz=250	iP	Pb	08 28 08.6	-0.2
YHNB	Yeheng baz=321	S	Sb	08 28 16.5	-0.6
NSK	baz=321	iP	Pb	08 28 08.8	-0.3
NSK	Sanguang baz=320	S	Sb	08 28 16.9	-0.6
NWLT	baz=320	iP	Pb	08 28 08.8	-0.4
NWLT	Wulai baz=337	S	Sb	08 28 17.1	-0.6
OWD	baz=337	eP	Pb	08 28 09.6	+0.3
OWD	Renai baz=240	eS	Sb	08 28 18.8	+0.8
EGS	baz=240	iP	Pb	08 28 09.7	+0.4
EGS	baz=17	S	Sb	08 28 18.5	+0.7
EGFH	baz=17	eP	Pb	08 28 09.4	+0.1
EGFH	Guangfu baz=207	eS	Sn	08 28 19.6	-0.3
NTC	baz=207	eP	Pb	08 28 09.5	+0.2
NTC	Toucheng baz=7.0	eS	Sb	08 28 18.4	+0.5
WUSB	baz=7.0	iP	Pb	08 28 10.2	+0.3
WUSB	Renai baz=246	eS	Sb	08 28 19.4	+0.5
TIPB	baz=246	iP	Pb	08 28 11.2	-0.1
TIPB	Shuangxi baz=6.0	S	Sb	08 28 21.4	+0.1
NFF	baz=6.0	eP	Pb	08 28 11.6	+0.1
NFF	Wufeng Townshi baz=303	eS	Sb	08 28 21.3	-0.2
VWDT	baz=303	eP	Pb	08 28 11.7	+0.3
VWDT	VWDT baz=228	eS	Sn	08 28 22.7	-0.2
HGSD	baz=228	eP	Pn	08 28 12.6	+0.1
HGSD	Ruisui baz=201	eS	Sn	08 28 25.0	+1.3
NHHD	baz=201	eP	Sb	08 28 11.8	-0.7
NHHD	Xindian Distri baz=344	eS	Sb	08 28 22.3	0.0
TWA	baz=344	eP	Pn	08 28 11.9	-0.7
TWA	Mucha baz=349	eS	Sb	08 28 22.3	-0.1
WHP	baz=349	eP	Pn	08 28 12.6	0.0
WHP	Taichung City baz=272	eS	Sb	08 28 22.7	+0.2
TWB1	baz=272	eP	Pn	08 28 12.3	-0.4
TWB1	Santiao Chiao baz=17	eS	Sb	08 28 23.1	+0.4
WPL	baz=17	eP	Pb	08 28 12.9	+0.7
WPL	Puli Township baz=252	eS	Sb	08 28 23.4	+0.7
TATO	baz=252	eP	Pn	08 28 12.1	-0.8
TATO	Taipei baz=342	eS	Sb	08 28 22.9	-0.1
EHY	baz=342	eP	Pb	08 28 11.6	-0.9
EHY	Hungye baz=207	eS	Sn	08 28 25.6	+1.0
DPDB	baz=207	eP	Pb	08 28 13.1	+0.6
DPDB	Guoxing baz=254	eS	Sn	08 28 24.6	-0.1
WCS	baz=254	eP	Pn	08 28 13.0	-0.1
WCS	Beigang Elemen baz=256	eS	Sb	08 28 23.9	+0.3
LIOB	baz=256	eP	Sb	08 28 13.5	+0.2
LIOB	Emei baz=300	eS	Sb	08 28 24.1	+0.1
NSTT	baz=300	eP	Pn	08 28 13.4	+0.1
NSTT	Nanjuang baz=299	eS	Sb	08 28 23.7	-0.3
BACT	baz=299	eP	Pb	08 28 13.7	+0.7
BACT	New Taipei Cit baz=339	eS	Sn	08 28 25.4	+0.2
WFSB	baz=339	eP	Pn	08 28 13.3	-0.1
WFSB	Wu-fen Shan baz=2.0	eS	Sb	08 28 24.7	+0.6
TAP	baz=2.0	eP	Pb	08 28 14.1	+0.9
TAP	Taipei baz=345	eS	Sb	08 28 25.6	+1.1
SX11	baz=345	eP	Pn	08 28 13.7	-0.1
SX11	Grass Mountain baz=8.0	eS	Sb	08 28 25.2	+0.4
SSLB	baz=8.0	eP	Pn	08 28 13.5	-0.4
SSLB	Suanglung baz=237	eS	Sb	08 28 25.8	-0.4
SMLT	baz=237	eP	Pb	08 28 14.0	+0.3
SMLT	Sun Moon Lake baz=244	eS	Sn	08 28 26.5	+0.1
HSN1	baz=244	eP	Pn	08 28 14.6	+0.3
HSN1	Hsinchu baz=308	eP	Pn	08 28 14.2	-0.1
TYC	baz=308	eP	Pn	08 28 14.2	-0.1
TYC	Yuch baz=247	eS	Sn	08 28 27.2	+0.2
TYC	baz=247				

TNOU	National Taiwa baz=2.0	eP	Pn	08 28 14.7	+0.2
TNOU		eS	Sn	08 28 26.8	-0.4
YULB	baz=2.0	eP	Pn	08 28 13.1	-1.4
YULB	Yuli baz=206	eS	Sn	08 28 26.5	-0.8
ECBN	baz=206	eP	Pb	08 28 14.6	+0.1
ECBN	Changbin baz=196	eS	Sn	08 28 28.6	+1.3
NCU	baz=196	eP	Pn	08 28 14.9	+0.2
NCU	National Centr baz=325	eS	Sb	08 28 28.7	+1.9
NCUH	baz=325	eP	Pn	08 28 14.9	+0.3
NCUH	Zhongli baz=324	eS	Sb	08 28 28.4	+1.7
SBCB	baz=324	eP	Pb	08 28 15.5	+0.8
SBCB	Hsinchu baz=308	eS	Sb	08 28 29.3	+2.4
TWS1	baz=308	eP	Pn	08 28 14.8	0.0
TWS1	Kuangyinshan baz=341	eS	Sb	08 28 28.8	+1.7
YM01	baz=341	eP	Pn	08 28 14.4	-0.4
YM01	YM01 baz=350	eS	Sb	08 28 28.2	+1.1
TWQ1	baz=350	eP	Pb	08 28 16.3	+1.5
TWQ1	Liyutan baz=276	eS	Sb	08 28 29.5	+2.4
EYUL	baz=276	eP	Pn	08 28 14.1	-0.8
EYUL	Yuli baz=203	eS	Sn	08 28 28.9	+1.7
HSN	baz=203	eP	Pb	08 28 15.4	+0.5
HSN	Hsinchu baz=311	eS	Sb	08 28 29.2	+1.8
TWF1	baz=311	eP	Pn	08 28 13.7	-1.3
TWF1	Yuli baz=204	eS	Sb	08 28 27.8	+0.4
NMLH	baz=204	eP	Pb	08 28 16.5	+1.2
NMLH	Miaoli baz=288	eS	Sb	08 28 29.7	+1.7
YM08	baz=288	eP	Sn	08 28 15.6	+0.3
YM08	YM08 baz=351	eS	Sn	08 28 28.4	-0.2
NTST	baz=351	eP	Pn	08 28 15.3	+0.1
NTST	Danshui baz=343	eS	Sb	08 28 29.8	+1.4
ANP	baz=343	eP	Pn	08 28 15.4	-0.2
ANP	Anpu baz=348	eS	Sn	08 28 28.4	-0.8
WHYT	baz=348	eP	Pn	08 28 16.1	+0.4
WHYT	Xinyi Township baz=236	eS	Sb	08 28 30.7	+2.0
TCU	baz=236	eP	Pb	08 28 17.5	+1.3
TCU	Taichung baz=264	eS	Sb	08 28 32.1	+2.7
JYNG	baz=264	P	Sb	08 28 16.6	+0.4
JYNG	Yonagunijimaku baz=275	eS	Sb	08 28 31.3	+1.7
YUS	baz=275	eP	Pb	08 28 16.7	-0.1
YUS	Yu-Shan baz=223	eS	Sn	08 28 30.5	-0.6
WJS	baz=223	eP	Pb	08 28 17.0	+0.4
WJS	Zhushan baz=245	eS	Sb	08 28 32.6	+2.5
TWY	baz=245	eP	Pb	08 28 17.2	+0.4
TWY	Chenhua baz=353	eS	Sb	08 28 31.6	+1.1
WDJ	baz=353	eP	Sb	08 28 33.0	+2.4
WDJ	Dajia District baz=275	eS	Pb	08 28 18.2	+1.3
WNT	baz=275	eP	Pb	08 28 32.5	+1.8
WNT	Mingjing baz=249	eS	Pb	08 28 17.2	0.0
FULB	baz=249	eP	Pb	08 28 33.0	+1.6
FULB	Fuli baz=202	eS	Sb	08 28 17.4	+0.2
YOJ	baz=202	eP	Sb	08 28 32.7	+1.4
YOJ	Yonaguni jima baz=79	eS	Pb	08 28 17.4	+0.2
YOJ	Yonaguni jima baz=79	eP	Sb	08 28 32.5	+1.1
ALS	baz=79	eP	Pb	08 28 18.4	+0.2
ALS	Alishan baz=229	eS	Sb	08 28 34.8	+1.8
WCHH	baz=229	eP	Pb	08 28 19.2	+1.2
WCHH	Zhanghua baz=261	eS	Sb	08 28 35.3	+2.7
CHKT	baz=261	eP	Pn	08 28 17.1	-0.6
CHKT	Chengkung baz=197	eS	Sn	08 28 32.4	-0.6
EHD	baz=197	eP	Pn	08 28 16.8	-1.2
EHD	Haiduan baz=204	eS	Sb	08 28 34.8	+1.1
ELDTW	baz=204	eP	Pb	08 28 18.4	-0.4
ELDTW	Lidau baz=212	eS	Sb	08 28 35.6	+0.1
WGK	baz=212	eP	Pb	08 28 20.9	+1.1
WGK	Gukeng baz=242	eS	Sb	08 28 38.6	+3.0
WDLH	baz=242	eP	Pb	08 28 19.9	-0.3
WDLH	Douliu baz=243	eP	Pn	08 28 19.2	-0.5
EDH	baz=243	eS	Sb	08 28 37.2	+0.1
EDH	Donghe baz=198	eS	Pn	08 28 20.6	+0.5
WCKO	baz=198	eP	Pn	08 28 40.5	+2.3
WCKO	Fanlu baz=232	eS	Pb	08 28 21.1	-0.2
WRL	baz=232	eP	Pb	08 28 39.2	+0.9
WRL	Guolierlin Hig baz=254	eS	Sb	08 28 23.9	+1.7
CHN2	baz=254	eP	Pb	08 28 43.4	+3.7
CHN2	Minshiang baz=238	eS	Sb	08 28 21.9	-0.4
STYH	baz=238	eP	Pb	08 28 39.9	+0.1
STYH	Taoyuan baz=220	eS	Pb	08 28 22.7	+0.4
WTK	baz=220	eP	Pb	08 28 41.6	+1.8
WTK	Tuku baz=246	eS	Sb	08 28 23.0	+0.7
CHN4	baz=246	eP	Pb	08 28 42.6	+2.7
CHN4	Tsaushan baz=230	eS	Pb	08 28 22.7	+0.2
TPUB	baz=230	eP	Pb	08 28 41.1	+1.0
TPUB	Ta-pu baz=227	eS	Pb	08 28 22.4	-0.2
STYT	baz=227	eP	Pb	08 28 40.8	+0.4
STYT	Tauyuan baz=220	eS	Pn	08 28 20.6	-0.8
LONT	baz=220	eP	Pn	08 28 41.2	+0.4
LONT	Longtian baz=203	eS	Sb		

CHY	Chiayi baz=238	eP	Pb	1.46 241	eP	Pb	08 28 23.9	+0.7
CHY		eS	Sb				08 28 43.6	+2.3
WTP	baz=238	eP	Pb	1.46 229	eP	Pb	08 28 23.5	+0.3
WTP	Ta-pu baz=226	eS	Sb				08 28 43.4	+2.0
TWK	baz=226	eP	Pb	1.54 233	eP	Pb	08 28 24.8	+0.2
TWK	Hsiuying baz=229	eS	Sb				08 28 45.3	+1.6
TWG	baz=229	eP	Pn	1.54 207	eP	Pn	08 28 21.2	-1.6
TWG	Pinlang baz=203	eS	Sn				08 28 40.0	-2.0
TWGBT	baz=203	eP	Pn	1.54 206	eP	Pn	08 28 21.7	-1.1
LDUT	baz=203	eP	Pn	1.56 192	eP	Pn	08 28 21.8	-1.2
LDUT	Beinan baz=189	eS	Sn				08 28 41.5	-0.9
CHN1	baz=189	eP	Pb	1.56 230	eP	Pb	08 28 25.3	+0.4
CHN1	Nanshi baz=226	eS	Sb				08 28 46.5	+2.2
WSF	baz=226	eP	Pb	1.57 249	eP	Pb	08 28 46.4	+2.0
WSF	Szhu baz=246	eP	Pb	1.59 226	eP	Pb	08 28 24.7	-0.8
SGST	baz=246	eS	Sb				08 28 46.6	+1.4
SGST	Jiashian baz=222	eS	Sb				08 28 26.1	+0.4
WSL	baz=222	eP	Pb	1.61 245	eP	Pb	08 28 47.7	+2.1
WSL	Shulin Townsh baz=242	eS	Sb				08 28 27.1	-0.2
ICHU	baz=242	eP	Pb	1.64 240	eP	Pb	08 28 47.9	+0.8
ICHU	Yijhu baz=236	eS	Sb				08 28 27.9	+1.3
IRIF	baz=236	eP	Pn	1.75 85	P	Sn	08 28 26.1	+0.6
IRIF	Iriomote-Funau	S	Pn				08 28 47.9	+0.8
ECL	baz=204	eP	Pb	1.79 207	eP	Pb	08 28 27.5	-1.3
ECL	Taimali baz=204	eS	Sb				08 28 49.9	-0.9
SCST	baz=204</							

KHBM	Hayfork Bally	3.00 111	Pn	09 20 42.8 -1.2
HUMO	Hull Mountain	3.03 73	Pn	09 20 42.8 -1.5
HUMO	Hull Mountain	3.03 73	Pn	09 20 42.9 -1.4
HUMO			IAML	09 21 20.9
HUMO	comp=N,61nm,1.6s		IAML	09 21 21.5
YBH	Yreka Blue Hor	3.13 90	Pn	09 20 45.5 -0.2
YBH	comp=E,1.6nm,0.3s,baz=286,slow=13,SNR=48		Sn	09 21 24.4 +1.0
YBH	comp=E,1.8nm,0.3s,baz=266,slow=13,SNR=3.2		LR	09 21 49.2
YBH	Yreka Blue Hor	3.13 90	Pn	09 20 45.5 -0.2
LGPM	Granite Peak	3.19 105	Pn	09 20 45.8 -0.7
I03D	Drain, OR	3.22 53	Pn	09 20 44.8 -2.0
LBKM	Bonanza King	3.26 101	Pn	09 20 47.2 -0.3
KCPM	Catto Peak	3.29 129	Pn	09 20 45.5 -2.5
KCPM			IAML	09 22 01.7
BBOR	Butler Butte	3.31 70	Pn	09 20 47.5 -0.7
E040	Montague	3.34 98	Pn	09 20 48.6 0.0
LBPM	Keegan Peak	3.38 115	Pn	09 20 48.4 -0.8
BKUM	Bluenose Ridge	3.40 123	Pn	09 20 49.0 -0.4
KFPM	Farley Peak	3.42 128	Pn	09 20 48.1 -1.4
L04D	Klamath Falls	3.45 82	Pn	09 20 49.4 -0.6
GTC	Three Chop Rid	3.50 32	Pn	09 20 50.2 -0.6
LHEM	Herd Peak	3.51 91	Pn	09 21 11.4 -0.4
LMPM	Military Pass	3.56 94	Pn	09 20 52.7 +1.0
BUCK	Buck Mountain	3.73 49	Pn	09 20 53.1 -0.8
BUCK			IAML	09 21 38.7
BUCK	comp=E,101nm,1.8s		IAML	09 21 43.7
M04C	Macdoel	3.78 89	Pn	09 20 54.9 +0.2
LBFM	Black Fox Moun	3.78 95	Pn	09 20 56.1 +1.3
GVRV	Valley View	3.79 121	Pn	09 20 54.4 -0.5
LGMMT	Garner Mounai	3.80 104	Pn	09 20 55.4 +0.5
LSHM	Sage Hen Hill	3.80 104	Pn	09 20 55.1 +0.9
J04A	Umpqua Nationa	3.81 66	Pn	09 20 55.0 -0.2
COR	Corvallis	3.82 42	Pn	09 20 54.7 -0.4
COR			IAML	09 21 46.2
COR	comp=N,99nm,1.6s		IAML	09 21 47.2
I04A	Tendick Farm	3.85 58	Pn	09 20 54.6 -0.9
K04D	Chiloquin, OR	3.91 76	Pn	09 20 55.9 -0.5
H04D	Lebanon	4.07 47	Pn	09 20 57.8 -0.8
G03D	McMinville, O	4.30 37	Pn	09 21 00.8 -0.9
G03D			IAML	09 22 00.3
H04A	Detroit Lake	4.48 49	Pn	09 21 02.9 -1.3
H04A			IAML	09 21 57.4
H04A	comp=E,41nm,0.7s		IAML	09 22 02.8
K05A	Summer Lake	4.55 76	IAML	09 23 33.6
K05A			IAML	09 23 57.0
I05D	Terrebonne, OR	4.79 56	IAML	09 23 02.5
I05D	comp=N,44nm,4.6s		IAML	09 23 31.1
PINE	Pine Mountain	4.81 64	IAML	09 22 24.3
PINE	comp=N,38nm,4.6s		IAML	09 23 05.9
F04A	Amboy	5.24 37	Pn	09 21 14.6 +0.1
F04A			IAML	09 22 19.8
F04A	comp=E,38nm,0.9s		IAML	09 22 19.9
G05A	Wamic	5.31 48	Pn	09 21 15.2 -0.4
LVON	Longmire	6.14 35	LR	09 21 27.0 0.0
NVAR	Mina Array Bea	7.04 114	LR	09 24 52.6
BMO	Blue Mountains	7.62 63	Pn	09 21 47.1 -0.3
SMMC	Simmler	8.44 138	Pn	09 21 59.1 +0.5
B08A	Colville Reser	8.45 37	Pn	09 21 58.7 0.0
VES	Vestall Richgr	8.52 132	Pn	09 22 00.5 +0.9
ELK	Elko	8.84 93	LR	09 25 36.2
ISA	Isabella, Lake	9.00 130	Pn	09 22 06.4 +0.2
ISA	Isabella, Lake	9.00 130	Pn	09 22 08.0 +1.8
ARVC	Arvin	9.19 134	Pn	09 22 10.0 +1.2
NEW	Newport	9.46 44	LR	09 25 55.0
NEW	Newport	9.46 44	LR	09 22 13.6 +1.1
LLBL	Lillooet	9.46 20	Pn	09 22 11.6 -0.8
BFSC	Mount Baldy Ra	10.49 133	Pn	09 22 27.5 +0.7
MSO	Missoula	10.55 57	Pn	09 22 27.4 -0.1
MSO	Missoula	10.55 57	Pn	09 22 28.4 +0.9
MSO			IAML	09 22 24.6
MCMT	McKenzie Canyo	10.67 69	Pn	09 22 29.4 +0.1
CIS	Catalina Islan	10.75 139	Pn	09 22 30.4 +0.2
DLMT	Dillon	10.96 66	Pn	09 22 34.4 +1.2
EDM	Edmonton	11.19 64	Pn	09 22 06.1 +0.1
PFO	Pinyon Flats O	11.62 131	LR	09 27 09.4
PFO	comp=N,216nm,18.1s,baz=326,slow=37		LR	09 22 42.6 +0.3
TPFO	Pinyon Flats O	11.62 131	Pn	09 22 43.4 +1.1
BOZ	Bozeman (W)	11.68 66	Pn	09 22 43.2 +0.2
BOZ	Bozeman (W)	11.68 66	Pn	09 22 43.8 +0.8
MVU	Marysvalde	11.71 102	Pn	09 22 44.0 +0.4
MSU	Marysvalde	11.73 101	Pn	09 22 44.0 +0.2
HRV	Holter Researc	11.86 61	Pn	09 22 46.3 +0.9
IMW	Indian Meadows	11.90 75	Pn	09 22 46.6 +0.5
MOOW	Moose Ponds	12.03 75	Pn	09 22 48.1 +0.3
PDAR	Pinedale Array	12.88 80	Pn	09 23 00.8 +1.3
PDAR	comp=N,271,slow=8.9,SNR=3.1		LR	09 28 19.4
BRLDA	Berland Lookou	13.82 24	Pn	09 23 12.5 +0.4
EDM	Edmonton	14.00 34	Pn	09 23 25.4 +2.7
214A	Organ Pipe Nat	14.94 127	Pn	09 23 28.4 +0.9
K22A	Casper	15.12 80	Pn	09 23 32.7 +2.8
K22A			IAMB	09 23 42.6
K22A	comp=Z,27nm,1.5s		Pn	09 23 30.1 +0.2
X18A	Snowflake	15.17 113	Pn	09 23 34.1 -1.7
X18A			IAMB	09 23 46.8
T35M	Bob Quinn	15.34 353	Pn	09 23 34.1 +1.5
LAO	LASA Array	15.58 65	Pn	09 23 38.5 -1.7
LAO			IAMB	09 23 49.0
LAO	comp=Z,39nm,1.2s		Pn	09 23 36.5 +0.6
N23A	Red Feather La	15.76 86	Pn	09 23 38.5 0.0
S22A	4UR Ranch, Cre	15.95 98	Pn	09 23 41.2 +0.3
TUC	Tucson	15.96 121	Pn	09 23 43.5 -1.0
TUC	Tucson	15.96 121	Pn	09 23 41.6 +0.7
SIT	Sitka	16.19 343	Pn	09 23 45.7 +2.1
ISCO	Idaho Springs	16.24 90	Pn	09 23 45.7 +1.0
ISCO	Idaho Springs	16.24 90	Pn	09 23 46.0 +1.3
S34M	Telegraph Cree	16.34 352	Pn	09 23 47.6 +2.1
DLBC	Dease Lake	16.76 354	Pn	09 23 50.2 -0.7
DLBC	comp=Z,192,slow=26,SNR=2.2		Pn	09 23 52.7 +1.7
DLBC	comp=Z,2.0nm,1.0s		Pn	09 23 52.7 +1.7
RSSD	Black Hills	16.88 74	Pn	09 23 54.2 +1.5

SDCO	Great Sand Dun	16.93 97	Pn	09 23 54.0 +0.6
R32K	Eaglecrest	17.17 346	Pn	09 23 57.4 +1.3
DGMT	Dagmar	17.31 60	IAMB	09 24 07.1
DGMT	comp=Z,31nm,1.2s		Pn	09 23 59.3 +0.1
DGMT	Dagmar	17.31 60	Pn	09 24 00.4 +1.0
ANMO	Albuquerque	17.41 107	Pn	09 21 09.8
ANMO	comp=Z,1.8nm,0.9s		LR	09 24 00.2 +0.8
319A	Douglas	17.53 121	Pn	09 24 04.1 +2.1
319A	comp=Z,3.7nm,1.4s		IAMB	09 24 15.9
121A	Cookes Peak, E	17.80 115	Pn	09 24 06.7 +1.8
121A	Cookes Peak, D	17.80 115	Pn	09 24 04.5 +0.3
HILA	High Level	17.88 17	Pn	09 24 03.7 -1.2
T25A	Trinidad	17.96 98	Pn	09 24 04.9 -1.3
T25A	Trinidad	17.96 98	Pn	09 24 06.8 +0.6
WTLY	Watson Lake, Y	18.36 357	Pn	09 24 11.5 +0.7
KOTAN	Kotanelee Air	18.43 5	Pn	09 24 12.5 +1.1
P33M	Teslin, Yukon	18.78 351	Pn	09 24 17.1 +1.2
O30N	Mendenhall	19.80 347	Pn	09 24 28.2 +0.1
O29M	Mount Kennedy	19.86 343	Pn	09 24 28.6 +1.3
MNTX	Cornudas Moun	19.93 113	Pn	09 24 28.8 +0.6
HYT	Haines Junctio	20.11 345	Pn	09 24 30.6 +0.6
HYT	Haines Junctio	20.11 345	Pn	09 24 31.5 +1.4
MDND	Maddock	20.22 63	Pn	09 24 31.8 +0.6
GD2L	Guadalupe Moun	20.34 111	Pn	09 24 38.0 +3.2
YUK6	Outpost Mounta	20.39 344	Pn	09 24 34.1 +0.8
N31M	Braeburn, Yuko	20.42 348	Pn	09 24 35.1 +1.8
SUSD	Miller	20.52 73	IAMB	09 24 41.5
SUSD	comp=Z,18nm,1.0s		Pn	09 24 35.2 +0.6
SUST	Miller	20.52 73	Pn	09 24 35.4 +0.6
MSTX	Muleshoe	20.54 105	Pn	09 24 35.4 +0.5
N30M	Aishik Lake	20.62 346	Pn	09 24 36.5 +1.0
O28M	Mount Upton	20.65 341	Pn	09 24 36.7 +0.6
FARO	Faro, Yukon	20.81 351	Pn	09 24 36.0 -1.5
FARO	Faro, Yukon	20.81 351	Pn	09 24 38.5 +1.0
YUK4	Talbot Ar	20.82 344	Pn	09 24 38.0 +0.3
K31A	O'Neill	20.82 78	IAMB	09 24 45.4
FFC	comp=Z,25nm,1.1s		Pn	09 24 36.6 -1.7
CBKS	Cedar Bluff	20.89 89	IAMB	09 24 46.9
CBKS	Cedar Bluff	20.89 89	Pn	09 24 38.8 +0.2
AMTX	Amarillo	20.91 101	Pn	09 24 37.2 -1.6
AMTX	Amarillo	20.91 101	Pn	09 24 38.1 -0.7
M31M	Drury Creek, Y	20.91 350	Pn	09 24 38.1 -0.5
YUK8	Steele Glacier	21.00 343	Pn	09 24 40.0 +0.1
BARN	Barnard Glacie	21.26 340	Pn	09 24 43.0 +0.4
BARN			IAMB	09 24 52.7
BGNE	Belgrade	21.46 81	Pn	09 24 44.7 0.0
WRGLY	Wrigley	21.55 4	Pn	09 24 46.0 +0.6
YUK3	Moose Creek	21.59 342	Pn	09 24 46.3 +0.2
M30M	Minto, Yukon	21.61 348	Pn	09 24 47.1 +0.9
M29M	Somme Creek	21.78 345	Pn	09 24 49.5 +1.4
MCARA	McCarthy VSAT	21.89 339	IAMB	09 24 52.0
MCARA	McCarthy VSAT	21.89 339	Pn	09 24 50.0 +0.9
YKA	Yellowknife Ar	21.97 15	Pn	09 24 48.8 -1.1
YKA	comp=Z,2.9nm,0.9s,baz=206,slow=11,SNR=25		LR	09 33 56.8
BVCY	Beaver Creek	22.25 343	Pn	09 24 53.5 +0.5
ECSD	EROS Data Cent	22.26 75	IAMB	09 25 09.0
ECSD	EROS Data Cent	22.26 75	Pn	09 24 53.4 +0.2
L29M	L29M	22.34 347	Pn	09 24 55.1 +1.2
LPIG	La Paz	22.42 137	LR	09 32 31.3
OK038	West end E0370	22.42 94	IAMB	09 24 58.5
M27K	Edge Creek, AK	22.43 342	IAMB	09 24 59.1
M27K	Edge Creek, AK	22.43 342	Pn	09 24 55.9 +0.8
N25K	Chitina, Valde	22.51 338	Pn	09 24 56.1 +0.3
TXAR	Lajitas Array	22.55 116	Pn	09 24 58.5 +1.9
TXAR	comp=Z,152nm,18.5s,baz=299,slow=8.4,SNR=10		LR	09 34 31.0
TXAR	comp=Z,0.5nm,0.6s		Pn	09 24 58.2 +1.7
TXAR	Lajitas Array	22.55 116	Pn	09 24 59.0 +0.8
M26K	Nabesna, AK	22.74 340	Pn	09 25 00.4
AGMN	Agassiz Nation	22.76 63	Pn	09 24 58.5 0.0
AGMN			IAMB	09 25 30.4
AGMN	comp=Z,16nm,1.2s		Pn	09 24 59.3 +0.8
KLU	Klutina	22.81 336	IAMB	09 25 08.0
KLU	Klutina	22.81 336	Pn	09 24 59.8 +0.9
KAN14	Manchester OK	22.83 93	IAMB	09 25 08.1
K29M	Barlow Dome	22.92 348	Pn	09 25 00.4 +0.2
ULM	Lac du Bonnet	23.00 58	Pn	09 25 01.9 +1.0
ULM	comp=Z,5.8nm,0.7s,baz=265,slow=10,SNR=8.4		LR	09 34 29.5
ULM	comp=Z,233nm,20.0s,baz=304,slow=38		Pn	09 24 59.4 -1.6
ULM	comp=Z,5.8nm,0.7s		IAMB	09 25 04.2
ULM	Lac du Bonnet	23.00 58	Pn	09 25 01.7 +0.5

Table of astronomical observations for 27d 10h, listing stations like KBZ, DBG, KULLO, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 27d 10h, listing stations like H11S3, H11S1, H11S2, etc., with columns for station name, coordinates, and observation details.

ICD 27 10:48:48.0, 0.6, 59.175x17:78W, h0km, mb4.5/17, mbmp4.5/17, ML5.6/1, MS4/18, Error ellipse: s-maj=17.9km s-min=14.7km az=12.0

Table of astronomical observations for Sandwich Islands, listing stations like HOPE, VNA1, VNA2, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for various stations, listing stations like ELIB, PMSA, GFI, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 1554, listing stations like VNSA, VNSA, VNSA, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for various stations, listing stations like CMIG, CMIG, CMIG, etc., with columns for station name, coordinates, and observation details.

ICD 27 10:27:39.1, 0.7, 12.48N, 143.78E, h0km, mb3.8/11, mbmp3.8/11, MS3.0/5, Error ellipse: s-maj=24.4km s-min=15.9km az=120.0

NEIC 27 10:48:51.2, 0.7, 16.97N, 0.07:95.41W, 0.05, h101km, 11km, mb4.6/168, Md4.6/93(MEX), Error ellipse: s-maj=10.6km s-min=6.6km az=187.0

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like YOIG Yosondua, TXIG Tlaxiaco, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like ABTX Abilene, Hawle, FW06 Azle, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like KMSC Kings Mountain, KSU1 Kansas State U, etc.

1561

Table with columns for station call letters, frequency, and other technical details. Includes stations like HKPS Hong Kong Po S, GULI GulLin, SAMP Sagada Mountai Huff, and many others.

2017 MAR

Table with columns for station call letters, frequency, and other technical details. Includes stations like WUAZ Hammerfest, SMCO Snowmass, KEV Kevo, and many others.

27d 10h

Table with columns for station call letters, frequency, and other technical details. Includes stations like OGNE Ogallala, OGNE Ogallala, OGNE Ogallala, and many others.

R50A	baz=320,SNR=25	S	S	11 10 10.4	-2.6	E63A	baz=325,SNR=13	S	S	11 10 17.5	-3.8	MNK	Minsk	69.16 339	i P	P	11 01 25.0	+0.3		
R50A	baz=320	S	S	11 10 10.4	-2.6	E63A	baz=325	S	S	11 10 17.5	-3.8	MNK	comp=Z,306nm,0.9s, baz=22		i P	P	11 01 25.0	+0.3		
O53A	New Philadelphia	67.83 52	I Amb	I Amb	11 01 18.5	TJOU	baz=325	S	S	11 01 20.1	-0.6	MNK	comp=E,9.0nm,0.9s		i P	P	11 01 25.0	+0.3		
O53A	New Philadelphia	67.83 52	P	P	11 01 15.8	-0.9	KVXTX	68.53 349	i P	S	11 01 26.2	+4.1	MNK	comp=N,175nm,0.9s		i P	P	11 01 25.0	+0.3	
O53A	baz=321,SNR=28	S	S	11 10 11.2	-2.0	YSVD	Vaisvydziai	68.60 341	e P	P	11 01 21.9	+0.7	MNK			i P	P	11 01 49.1	+0.6	
MPS1	Mapaga	67.85 239	P	P	11 01 16.6	-0.4	HOMB	Homborsund	68.63 351	i P	P	11 01 20.9	-0.4	MNK			i P	P	11 05 22.5	
P52A	Corning	67.86 53	I Amb	I Amb	11 01 31.2		HOMB	Homborsund	68.63 351	e P	P	11 01 20.3	-1.0	MNK			i S	S	11 10 29.0	+0.4
P52A	comp=Z,11nm,1.2s	I AMs_20	I AMs_20	11 32 39.9		HOMB	Homborsund	68.63 351	e P	P	11 01 24.9	+2.8	MNK			i SSS	SSS	11 18 12.2		
P52A	comp=Z,12um,20.0s	67.86 53	P	P	11 01 15.7	-1.2	HOMB	Homborsund	68.63 351	e S	SS	11 14 52.5	+7.1	MNK			i LQ	LQ	11 26 35.5	
P52A	baz=321,SNR=14	S	S	11 10 10.8	-2.7	HOMB	Homborsund	68.63 351	e S	SS	11 29 54.5		MNK			i LR	LR	11 29 51.4		
HKT	Hockley	67.93 69	P	P	11 01 16.7	-0.6	HOMB	Homborsund	68.63 351	e S	SS	11 29 54.5		MNK			i LR	LR	11 29 51.4	
HKT	comp=Z,103nm,1.4s	I Amb	I Amb	11 01 17.6	+0.2	MCVT	Middlebury C	68.66 45	P	P	11 01 20.1	-1.7	MNK	comp=E,2um,17.0s		i LR	MLR	11 35 14.7		
HKT	Hockley	67.93 69	I AMs_20	I AMs_20	11 36 17.9	G62A	West of Eustis	68.66 42	I Amb	I Amb	11 01 23.4		MNK	comp=N,9um,17.1s		i LR	MLR	11 35 17.4		
HKT	Hockley	67.93 69	i P	P	11 01 17.6	+0.2	G62A	West of Eustis	68.66 42	P	P	11 01 20.8	-1.1	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
HKT	Hockley	67.93 69	i P	P	11 01 18.6	+1.3	G62A	West of Eustis	68.66 42	P	P	11 01 20.8	-1.1	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
HKT	comp=Z,32nm,1.1s	MLR	MLR			G62A	West of Eustis	68.66 42	P	P	11 01 20.8	-1.1	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
HKT	Hockley	67.93 69	P	P	11 01 17.3	0.0	SS1A	baz=325,SNR=29	68.68 56	I Amb	I Amb	11 01 37.5		MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
HKT	baz=319	S	S	11 10 14.3	-0.1	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
E62A	Clayton Lake	67.93 41	P	P	11 01 15.8	-1.4	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
E62A	baz=325,SNR=43	P	P	11 01 15.8	-1.4	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
M55A	baz=325,SNR=43	68.04 50	P	P	11 01 17.1	-0.9	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
M55A	Ridgway	68.04 50	P	P	11 01 17.1	-0.9	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
M55A	baz=322,SNR=70	S	S	11 10 13.0	-2.7	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
M55A	baz=322	S	S	11 10 13.0	-2.7	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
OXF	Oxford	68.04 62	I AMs_20	I AMs_20	11 30 32.5	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
OXF	Oxford	68.04 62	P	P	11 01 16.9	-1.2	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
OXF	Oxford	68.04 62	P	P	11 01 16.9	-1.2	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
OXF	baz=320	S	S	11 10 14.2	-1.6	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
OXF	Oxford	68.04 62	P	P	11 01 17.1	-0.1	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
OXF	Oxford	68.04 62	P	P	11 01 17.1	-0.1	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
OXF	baz=320,SNR=35	S	S	11 10 13.7	-2.1	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
LPSR	Galich ya Gora	68.05 331	e P	P	11 01 16.7	-1.1	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
LPSR	comp=Z,180nm,0.8s	MLR	MLR			SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
LPSR	comp=Z,11um,16.0s	68.08 49	P	P	11 01 17.1	-1.1	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
L56A	Greenwood	68.08 49	P	P	11 01 17.1	-1.1	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
L56A	baz=322,SNR=61	S	S	11 10 13.3	-2.8	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
L56A	baz=322	S	S	11 10 13.3	-2.8	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
L56A	baz=322	S	S	11 10 13.3	-2.8	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
K57A	Scipio Center	68.08 48	P	P	11 01 16.7	-1.5	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
K57A	baz=322,SNR=35	S	S	11 10 12.3	-3.8	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
NCB	Newcomb	68.11 45	I Amb	I Amb	11 01 19.2		SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
NCB	comp=Z,75nm,0.9s	68.11 45	P	P	11 01 16.6	-1.8	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
J58A	Remsen	68.13 47	P	P	11 01 16.8	-1.8	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
J58A	baz=323,SNR=45	P	P	11 01 16.8	-1.8	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
O54A	Avella	68.28 52	I Amb	I Amb	11 01 34.5		SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
O54A	comp=Z,132nm,1.1s	68.28 52	P	P	11 01 18.4	-1.1	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
O54A	Avella	68.28 52	P	P	11 01 18.4	-1.1	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
O54A	baz=322,SNR=20	S	S	11 10 17.4	-1.2	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
O54A	baz=322	S	S	11 10 17.4	-1.2	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
O54A	baz=322	S	S	11 10 17.4	-1.2	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
Q52A	Bidwell	68.31 54	I Amb	I Amb	11 01 34.9		SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
Q52A	comp=Z,146nm,1.4s	68.31 54	P	P	11 01 17.8	-1.9	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
Q52A	Bidwell	68.31 54	P	P	11 01 17.8	-1.9	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
Q52A	baz=321,SNR=13	S	S	11 10 16.8	-2.2	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
Q52A	baz=321,SNR=13	S	S	11 10 16.8	-2.2	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
Q52A	baz=321	S	S	11 10 16.8	-2.2	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
Q52A	baz=321	S	S	11 10 16.8	-2.2	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
143A	Socs Landing	68.33 64	I Amb	I Amb	11 01 54.2		SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
143A	comp=Z,83nm,0.9s	68.33 64	P	P	11 01 19.0	-0.9	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
143A	Socs Landing	68.33 64	P	P	11 01 19.0	-0.9	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
143A	baz=320	68.34 53	I Amb	I Amb	11 01 34.5		SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
P53A	Whipple	68.34 53	P	P	11 01 18.2	-1.7	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
P53A	comp=Z,148nm,1.3s	68.34 53	P	P	11 01 18.2	-1.7	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
P53A	Whipple	68.34 53	P	P	11 01 18.2	-1.7	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4	
P53A	baz=321,SNR=13	S	S	11 10 16.9	-2.3	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
P53A	baz=321	S	S	11 10 16.9	-2.3	SS1A	Beattyville	68.68 56	P	P	11 01 21.2	-0.8	MNK	comp=Z,12um,17.1s		i LR	MLR	11 35 17.4		
F62A	Pittsboro Farm																			

MAK		eS	S	11 11 16.9	-2.1
MAK		eSS	SS	11 15 58.0	-2.6
MAK		eSSS	SSS	11 19 19.1	
MAK	comp=Z,478nm,1.5s	pmx	pmx		
TIGA	Trifon	Iamb	Iamb	11 02 07.2	
TIGA	Trifon	P	P	11 01 48.7	-2.7
TIGA	Trifon	S	S	11 11 16.7	-2.8
TIGA	Trifon	S	S	11 01 52.3	+0.9
TIGA	Trifon	S	S	11 11 17.5	-2.0
WIM	Isle of Man	eP	Iamb	11 01 50.5	-0.6
Y56A	Scranton	eP	Iamb	11 01 54.0	
HPK	Haverah Park	eP	Iamb	11 01 51.5	-0.2
HPK	Haverah Park	IAMS_20	IAMS_20	11 32 58.6	
RUE	Ruedersdorf	eP	Iamb	11 01 51.5	-0.4
255A	Hazlehurst	P	P	11 01 52.3	-0.3
255A	Hazlehurst	S	SKIKP	11 11 19.7	-0.5
BBKI	Banjar Baru	P	P	11 01 51.0	-1.7
GROC	Groznyy	eP	P	11 01 51.8	-1.9
GROC	Groznyy	S	S	11 11 24.3	+0.3
NHSC	New Hope	eP	P	11 01 53.3	-0.7
NHSC	New Hope	S	S	11 11 23.2	-1.2
RETH	Rethen/Alter	eP	P	11 01 53.8	0.0
553A	Crawfordville	Iamb	Iamb	11 01 57.2	
553A	Crawfordville	S	S	11 11 24.3	-1.2
NNA	Universidad Na	IAMS_20	IAMS_20	11 29 16.4	
NRDL	Niedersach Rie	eP	P	11 01 54.5	-0.1
FLTG	Flechtingen	eP	P	11 01 54.5	-0.3
MTN	Mannton Dam	eP	P	11 01 59.5	+4.2
LBWR	Ladybowyer, Pea	IAMS_20	IAMS_20	11 33 05.8	
Y60A	Bolivia	Iamb	Iamb	11 01 57.5	
WME	Myndyl Eilian	eP	P	11 01 54.6	-0.8
WLF1	Lynfacs	Iamb	Iamb	11 02 00.5	
WLF1	Lynfacs	IAMS_20	IAMS_20	11 30 12.9	
MMRI	Maumere	Iamb	Iamb	11 02 27.3	
MMRI	Maumere	P	P	11 01 58.6	+2.0
MMRI	Maumere	P	P	11 01 56.0	-0.6
LVV	L'vov	eP	P	11 01 56.2	0.0
LVV	L'vov	e	e	11 02 10.6	
LVV	L'vov	e	e	11 04 39.8	
LVV	L'vov	eS	S	11 11 27.0	-1.9
LVV	L'vov	eSS	SS	11 12 00.4	
LVV	L'vov	eSSS	SSS	11 16 19.6	+5.7
LVV	L'vov	pmx	pmx	11 19 28.2	
KVAR	Kislovodsk Arr	LR	LR	11 40 35.5	
SOEI	Soe	Iamb	Iamb	11 02 38.3	
SOEI	Soe	P	P	11 01 59.4	+2.5
SOEI	Soe	P	P	11 01 56.4	-0.5
KIV	Kislovodsk	IAMS_20	IAMS_20	11 01 56.8	+0.2
KIV	Kislovodsk	IAMS_20	IAMS_20	11 40 49.0	
KIV	Kislovodsk	IAMS_20	IAMS_20	11 01 57.3	+0.7
KIV	Kislovodsk	P	P	11 01 57.0	+0.4
KIV	Kislovodsk	e	e	11 04 38.4	
KIV	Kislovodsk	ePPP	PPP	11 06 28.4	
KIV	Kislovodsk	eS	S	11 11 32.0	+2.5
KIV	Kislovodsk	eSS	SS	11 16 20.8	+6.1
KIV	Kislovodsk	pmx	pmx	11 19 28.2	
KIV	Kislovodsk	pmx	pmx	11 19 28.2	
KIV	Kislovodsk	IAMS_20	IAMS_20	11 01 57.0	+0.4
KIV	Kislovodsk	P	P	11 01 57.1	+0.4
ASSE	Asse, Remlinge	eP	P	11 01 56.1	-0.2
PBA	Port Blair	eP	P	11 01 56.4	-0.5
PBA	Port Blair	eP	P	11 01 57.1	+0.2
PBA	Port Blair	P	P	11 01 56.1	-0.8
DSB	Dublin	Iamb	Iamb	11 01 59.0	
DSB	Dublin	IAMS_20	IAMS_20	11 31 39.3	
KBZ	Khabaz	eP	P	11 01 57.4	+0.3
KBZ	Khabaz	S	S	11 11 32.1	+1.5
KBZ	Khabaz	LR	LR	11 40 45.3	
KBZ	Khabaz	LR	LR	11 40 45.3	
KBZ	Khabaz	eP	P	11 01 57.9	+0.8
MTSU	Mount Surprise	eP	P	11 02 00.9	+3.5
YATNC	Mamie plateau,	eP	P	11 01 59.6	+2.3
DZM	Mont Dzumac	eP	P	11 01 58.9	+1.3
DZM	Mont Dzumac	eS	S	11 11 36.0	+4.4
DZM	Mont Dzumac	eSS	SS	11 16 24.6	+5.1
DZM	Mont Dzumac	eLR	LR	11 24 56.5	
DZM	Mont Dzumac	LR	LR	11 29 41.1	
DZM	Mont Dzumac	Iamb	Iamb	11 02 17.3	
DZM	Mont Dzumac	P	P	11 01 59.4	+1.8
DZM	Mont Dzumac	Iamb	Iamb	11 02 00.3	+2.7
IBBN	Ibbenburg	eP	P	11 01 57.2	-0.2
NOUC	Port Laguerre	P	P	11 02 00.8	+3.1
KULM	Kulim	Iamb	Iamb	11 02 00.2	
KULM	Kulim	Iamb	Iamb	11 02 00.2	
BHPL	Bhopal	eP	P	11 01 57.8	-0.4
BHPL	Bhopal	Iamb	Iamb	11 01 57.7	-0.6
AKT	Akhty	eP	P	11 01 58.4	+0.2
AKT	Akhty	pmx	pmx	11 02 12.0	
WACR	West Acre	eP	P	11 01 57.7	-0.5
WACR	West Acre	Iamb	Iamb	11 02 00.2	
WACR	West Acre	IAMS_20	IAMS_20	11 26 56.1	
FOEL	Foel Wyifa	eP	P	11 01 57.4	-0.9
FOEL	Foel Wyifa	IAMS_20	IAMS_20	11 30 45.6	
CLZ	Clausthal	P	P	11 01 57.9	-0.4
PBKI	Pangkalan Bun	P	P	11 01 58.8	-0.3
ONTNC	Ouen Toro	Iamb	Iamb	11 02 13.7	
OJC	Ojcow	eP	P	11 01 59.5	+0.5
OJC	Ojcow	ePPP	PPP	11 04 44.9	-0.9
OJC	Ojcow	eS	S	11 11 30.0	-4.2
OJC	Ojcow	eSS	SS	11 16 40.6	+2.0
OJC	Ojcow	eL	L	11 35 04.6	
OJC	Ojcow	Iamb	Iamb	11 02 02.0	

OJC	Ojcow	74.86 342	eP	P	11 01 59.2	+0.3
KSP	Ksiaz	74.88 344	eP	P	11 01 59.0	-0.1
KSP	Ksiaz	74.88 344	ePP	PP	11 04 45.8	-0.1
KSP	Ksiaz	74.88 344	ePP	PP	11 11 18.5	-2.9
KSP	Ksiaz	74.88 344	eP	P	11 34 59.0	
KSP	Ksiaz	74.88 344	Iamb	Iamb	11 01 59.0	-0.1
456A	Hilliard	74.90 59	Iamb	Iamb	11 02 12.8	
CLL	Collim	74.93 347	IAMS_20	IAMS_20	11 35 33.2	
CLL	Collim	74.93 347	IAMS_20	IAMS_20	11 01 58.6	-0.7
CLL	Collim	74.93 347	ePmax	ePmax	11 02 00.0	
CLL	Collim	74.93 347	eP	P	11 02 02.0	
CLL	Collim	74.93 347	eS	S	11 02 07.0	+0.4
CLL	Collim	74.93 347	eS	S	11 02 16.1	+3.0
CLL	Collim	74.93 347	ePPP	PPP	11 04 49.0	+2.8
CLL	Collim	74.93 347	ePPP	PPP	11 06 30.0	
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	eS	S	11 12 12.0	
CLL	Collim	74.93 347	eS	S	11 12 24.0	
CLL	Collim	74.93 347	eS	S	11 13 24.0	
CLL	Collim	74.93 347	eSS	SS	11 13 40.0	+2.1
CLL	Collim	74.93 347	eSSS	SSS	11 20 06.0	
CLL	Collim	74.93 347	eSSS	SSS	11 35 00.0	
CLL	Collim	74.93 347	eAMS	AMS	11 36 00.0	
CLL	Collim	74.93 347	eAMS	AMS	11 01 58.6	-0.7
CLL	Collim	74.93 347	eP	P	11 02 07.0	
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	ePmax	ePmax	11 02 07.0	+0.4
CLL	Collim	74.93 347	eP	P	11 02 16.1	+3.0
CLL	Collim	74.93 347	ePPP	PPP	11 04 49.0	+2.8
CLL	Collim	74.93 347	ePPP	PPP	11 06 30.0	
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	eS	S	11 12 12.0	
CLL	Collim	74.93 347	eS	S	11 12 24.0	
CLL	Collim	74.93 347	eS	S	11 13 24.0	
CLL	Collim	74.93 347	eSS	SS	11 13 40.0	+2.1
CLL	Collim	74.93 347	eSSS	SSS	11 20 06.0	
CLL	Collim	74.93 347	eSSS	SSS	11 35 00.0	
CLL	Collim	74.93 347	eAMS	AMS	11 36 00.0	
CLL	Collim	74.93 347	eAMS	AMS	11 01 58.6	-0.7
CLL	Collim	74.93 347	eP	P	11 02 07.0	
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	ePmax	ePmax	11 02 07.0	+0.4
CLL	Collim	74.93 347	eP	P	11 02 16.1	+3.0
CLL	Collim	74.93 347	ePPP	PPP	11 04 49.0	+2.8
CLL	Collim	74.93 347	ePPP	PPP	11 06 30.0	
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	eS	S	11 12 12.0	
CLL	Collim	74.93 347	eS	S	11 12 24.0	
CLL	Collim	74.93 347	eS	S	11 13 24.0	
CLL	Collim	74.93 347	eSS	SS	11 13 40.0	+2.1
CLL	Collim	74.93 347	eSSS	SSS	11 20 06.0	
CLL	Collim	74.93 347	eSSS	SSS	11 35 00.0	
CLL	Collim	74.93 347	eAMS	AMS	11 36 00.0	
CLL	Collim	74.93 347	eAMS	AMS	11 01 58.6	-0.7
CLL	Collim	74.93 347	eP	P	11 02 07.0	
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	ePmax	ePmax	11 02 07.0	+0.4
CLL	Collim	74.93 347	eP	P	11 02 16.1	+3.0
CLL	Collim	74.93 347	ePPP	PPP	11 04 49.0	+2.8
CLL	Collim	74.93 347	ePPP	PPP	11 06 30.0	
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	eS	S	11 12 12.0	
CLL	Collim	74.93 347	eS	S	11 12 24.0	
CLL	Collim	74.93 347	eS	S	11 13 24.0	
CLL	Collim	74.93 347	eSS	SS	11 13 40.0	+2.1
CLL	Collim	74.93 347	eSSS	SSS	11 20 06.0	
CLL	Collim	74.93 347	eSSS	SSS	11 35 00.0	
CLL	Collim	74.93 347	eAMS	AMS	11 36 00.0	
CLL	Collim	74.93 347	eAMS	AMS	11 01 58.6	-0.7
CLL	Collim	74.93 347	eP	P	11 02 07.0	
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	ePmax	ePmax	11 02 07.0	+0.4
CLL	Collim	74.93 347	eP	P	11 02 16.1	+3.0
CLL	Collim	74.93 347	ePPP	PPP	11 04 49.0	+2.8
CLL	Collim	74.93 347	ePPP	PPP	11 06 30.0	
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	eS	S	11 12 12.0	
CLL	Collim	74.93 347	eS	S	11 12 24.0	
CLL	Collim	74.93 347	eS	S	11 13 24.0	
CLL	Collim	74.93 347	eSS	SS	11 13 40.0	+2.1
CLL	Collim	74.93 347	eSSS	SSS	11 20 06.0	
CLL	Collim	74.93 347	eSSS	SSS	11 35 00.0	
CLL	Collim	74.93 347	eAMS	AMS	11 36 00.0	
CLL	Collim	74.93 347	eAMS	AMS	11 01 58.6	-0.7
CLL	Collim	74.93 347	eP	P	11 02 07.0	
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	ePmax	ePmax	11 02 07.0	+0.4
CLL	Collim	74.93 347	eP	P	11 02 16.1	+3.0
CLL	Collim	74.93 347	ePPP	PPP	11 04 49.0	+2.8
CLL	Collim	74.93 347	ePPP	PPP	11 06 30.0	
CLL	Collim	74.93 347	eS	S	11 11 33.0	-1.8
CLL	Collim	74.93 347	eS	S	11 12 12.0	
CLL	Collim	74.93 347	eS	S	11 12 24.0	
CLL	Collim	74.93 347	eS	S	11 13 24.0	
CLL	Collim	74.93 347	eSS	SS	11 13 40.0	+2.1
CLL	Collim	74.93 347	eSSS	SSS	11 20 06.0	
CLL	Collim	74.93 347	eSSS	SSS	11 35 00.0	
CLL	Collim	74.93 347	eAMS	AMS	1	

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Table with columns: IGRS, Mrkonjic Grad, 80.95 342, P, 11 02 33.7 +0.7, etc. Includes stations like MRGR, A050A, BBLs, FITZ, FITZ, FITZ, FITZ, FITZ, etc.

2017 MAR

Table with columns: LIT, Litokhoron, 83.95 337, P, 11 02 46.7 -2.0, etc. Includes stations like BANOM, BANOH, BANOH, BANOH, BANOH, etc.

27d 10h

Table with columns: MBWA, Marble Bar, 86.46 228, P, 11 03 00.7 -0.5, etc. Includes stations like JRN, TRD, MVO, MVO, MVO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H08S3 Diego Garcia H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, ASAR Alice Springs, WRA Warramunga Arr, TORD Torodi Ar. Bea, YKA Yellowknife Ar.

DDA 27 12:02:53.5-0.9,39:51N:26:19E,h7km,ML2.0
ISK 27 12:02:53.3,39:53N:26:16E,h8km,ML2.515
ISC 27 12:02:53.5-0.9,39:52N:02:26:16E:0.03,h9km,5km,
n30,c047/44,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KCOA Canakkale, Ayy, GPNR Gulpinar-Canak, BOZC Bozcaada, EZN Ezine, BAYC CANAKKALE_Bayr, SIGR SIGRI, AYVA Ayvalik, ECEA ECEA, COMU Canakkale, BUHA Balikesir, BUKI Bükri, DKL Dikili, CANM Can-anakkale, KARB zmir-Karabur, ZEDA zmir-Bergama, GELI Tayfur-Gelibol, LPK Lapseki, CHOS Chios Island, ERIK Eriki-Kesan, URLA Izmir, ENEZ Enez, KRBG Karabiga-Canak, GONE Gonon-Balikesi, BLBC Balıca, BALB Balikesir, ALN Alexandroupoli, RKY Sarkoy-Tekirda, EDC Edincik, UKOP Ulunkopr-Edir, RDO Rodhopi.

IDC 27 12:07:23.0-4.0,6:80N:73:07W,h151km,15km,mb2.8/1,
mbmp3,6/3,Error ellipse: s-maj=62.7km s-min=7.5km
az=131.0
RSNC 27 12:07:25.7-1.1,6:78N:73:15W,h140km,4km,ML3.3,
Mw3.7

ISC 27 12:07:23.7-0.9,6:82N:03:73:10W:0.04,h148km,6km,
n44,c187/83,1C-2D,Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BARC Barichara, PAMC Pampiona, BRRC Barranca, RUSC La Rusia, PTBC PUERTO BERRIO, SPBC San Pablo de B, ZARC Zaragoza, CHIC Chingaza, ROSC El Rosal, HELC Santa Helena, UREC San Jos de Ur, LL1C La Loma, VILC Villavicencio, PTGC Puerto Gaitan, RECRC Villamaría, NIZA Niza-Manizal, CBOC Ciudad Bolívar, DBBC Dabeiba, SDV Santo Domingo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARGC Ariguani, ANIL Santa Ana, PRAC Prado, ORTC Ortega, APAC Apartado, SJCC San Jacinto, PLMC San Jos del P, LCBG Los crdobas, CRUC Correjon, GUVG San Jose del G, YOTC Yotoco, SMRC Santa Marta, PTAC Punta Arditá, MACC Macarena, BETC Betania, URIC Uribia, JAMC Jamundi, MALC Bahia Malaga, GARC Garzon, FLOC Florencia, BBAC Balboa, GR1C Gorgona, YKA Yellowknife Ar.

ASAR Alice Springs 149.12 234 PKPbc PKPbc 12 26 54.3 +3.2
WRA Warramunga Arr 150.35 241 PKPbc PKPbc 12 26 57.6 -0.9

DJA 27 12:12:32.5-0.4,6:16N:12:16E,h148km,4km,M4.6/17,
mB5.0/8,mb4.5/17,MLV4.9/11,MW(MB)4.4/8
IDC 27 12:12:34.0-0.6,6:05N:125:85E,h139km,5km,mb3.9/12,
mbmp4.3/14,Error ellipse: s-maj=24.4km s-min=9.4km
az=73.0
MAN 27 12:12:33.6,6:16N:125:96E,h130km,mb5.0,ML3.9,
MS4.0
NEIC 27 12:12:34.7-2.2,6:11N:0:07:125:95E:0.09,h132km,7km,
mb4.5/33,Error ellipse: s-maj=13.2km s-min=10.6km
az=76.0

ISC 27 12:12:34.2-0.5,6:06N:0:04:126:01E:0.05,h130km,5km,
n120,c193/137,mb4.4/33,5C-13D,Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MATI Mati, GSPH General Santos, DAV Davao City, DAV Davao City, KCP Kapingawan, SKMP Bagumbayan, CDOP Cateel, CTBH Cotabato-PC H, BIPH Bislig, TASP Talacogon, SGTSP Sangihe, CGP Cagayan de Oro, BUTP Butuan, PAGZ Pagadian, DCPH Dipolog City, GLSP General Luna, SCPH Surigao, TBP Tagbilaran, MSLP Maasin, TABP Talibon, CNDP Candoni, TNTI Ternate, GTOI Gorontalo, RCP Roxas, LBMI Labuha, MRSI Marisa, TOLJ Tolitoli, MYLMD Lahad Datu, LUWI Luwuk, SANI Sanana, MPSI Mapaga, SIJI Sorong.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIJI 7.6nm,0.3s,baz=218,slow=23,SNR=11, NLAI Namlea, AAI Ambon, FAKI Fak Fak, SP5I Sidrap Palu, KAPI Kappang, SBUM Sibiu, SBKI Sanjar Baru, MTN Manton Dam, KNRA Kununurra, SDSA Sungai Dareh, PMG Port Moresby, COEN Coen, NJ2 Nanjing, WBO Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, PSAAO Piliha Seismi, CMAR Chiang Mai Arr, QIS Mount Isa, MTSU Mount Surprise, AS31 Alice Springs, ASAR Alice Springs, ASAR Warramunga Arr, ASH1 Alice Springs, PZH Panzhihua, WRSK Warrak Seismi, KRAS Korea Array, CTA Charters Tower, OOD Oodnadatta, LZH Lanzhou, MORW Morawa, MORW Morawa, INKA Innamika, FORT Forrest, FORT Forrest, MUG Mulgathing, HHC Hu-ho-hao-te, HHC HHC, BTO Baotou, KMBL Kambalda, BLDU Ballidu, RKJ Rockhampton, LCKZ Leigh Creek, MDJ Mudanjiang, MUN Munding, EIDS Eidsvoll, NWAO Narragoin (SRO), NWAO Narragoin (SRO), BBOO Buckleboe, BBOO Buckleboe, STKA Stephens Creek, STKA Stephens Creek, HTT Hallett, CMSA Cobar Meteorol, ARMA Armadale, ARPS Mount Arapiles, CAN Canberra, CAN Canberra, DZM Mont Dzumac, LIFNC LIFOU, WMQ Urumqi, PETK Petrovavlovsk, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KURK Kurchatov, BZK Black Stump Fm, TIM Tiksi, RAYN Ar Rayn, O18K Koktuh Hills, CAST Castle Rocks, I21K Tanana, SUA Susitna One, MLY Manley, ILAR Eielson Array.

27d 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EGAK Eagle, ARCES ARCES Array B, FINES FINES Array B, QSPA South Pole Qui, YKA Yellowknife Ar.

MDD 27 12:31:29.2, 1.5, 32.27Nk:7.70W, h7km, Mb4.0/3, M_mb3.4/3, Error ellipse: s-maj=11.0km s-min=8.9km az=54.0

IGIL 27 12:31:30.2, 32.25N:7.71W, h10km, ML2.5 INMG 27 12:31:43.6, 1.4, 33.33N:7.06W, h13km, ML2.3, 3C, Error ellipse: s-maj=11.5km s-min=5.5km az=110.0, Morocco

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PBDV Barranco-do-Ve, PFVI Vila Bisbo, PVAQ Vaqueiros, MORF Marlete, EGRO El Granado.

EGRO 135nm, SNR=0.9 ECAB Castro Verde 4.37 350 eP Sbn 12 32 44.7 -3.7

EMIN Min Concepcio 4.44 411 fVmb_V 12 32 50.9

EMIN Mesesejana 4.60 348 eP Sbn 12 32 51.9 -0.5

MESJ Mesesejana 4.60 348 eS Sbn 12 33 50.5 +4.4

PBAR Barrancos 4.83 0 eP Sbn 12 32 55.8 -0.2

ECAB El Cabril 4.92 15 Pn 12 32 57.9 +0.6

ECAB Nicolau / Gran 4.92 346 eP Sbn 12 32 55.4 -1.8

PMTG Montargil 5.80 351 eP Sbn 12 33 08.2 -1.2

WEL 27 12:38:50.6, 0.5, 42.53S:17.42E, h5km, M2.4/1, ML2.2/7, ML2.4/1, Error ellipse: s-maj=0.0km s-min=0.0km az=104.1, confirmed, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, CMWZ Cape Campbell, TUWZ Tuamarina, GVZ Greta Valley S, MARNZ Matariki Terra, LTZ Lake Taylor, DSZ Denniston Nort, QRZ Quartz Range, MGZ McQueen's Vall.

NEIC 27 12:45:50.1, 0.1, 18.81N:0.1, 145.2E:0.2, h166km, 10km, mb4.1/27, Error ellipse: s-maj=32.4km s-min=15.5km az=99.0

IDC 27 12:45:51.5, 2.6, 18.61N:145.70E, h181km, 25km, mb3.2/8, mbtmp3.8/9, MS4.0/1, Error ellipse: s-maj=40.4km s-min=16.5km az=111.0

ISC 27 12:45:52.6, 0.7, 18.60N:0.08, 145.3E:0.2, h200km, n43, c059/42, mb3.9/23, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMO Guam, GUMO KLR, MTN Manton Dam, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, AS31 Alice Springs, ASAR Alice Springs.

ASAR Alice Springs 43.45 195 P P 12 53 37.5 +1.4

SKRT Skwerntina 61.21 29 P Iamb Iamb 12 55 45.6 -0.5

CAST Castle Rocks 61.36 27 P Iamb Iamb 12 55 47.4 +0.4

IMAR Indian Mountain 61.47 24 P P 12 55 48.3 +0.6

RC01 Rabbit Creek A 61.83 30 P P 12 55 50.4 +0.2

GHO Glory Hole 62.37 29 P P 12 55 53.8 -0.1

SML Sawmill 62.65 29 P P 12 55 55.0 -0.7

I23K Imito, Yukon-K 62.97 26 P P 12 55 58.1 +0.5

SCM Sheep Creek M0 63.12 29 P P 12 55 59.6 +0.8

2017 MAR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MDM Murphy Dome, H24K Noodor Dome, ILAR Eielson Array, PAX PAX, RIDG Independent RI, BMAR Burnt Mountain, BCAR Beaver Creek A, DAWY Dawson.

INM 27 12:47:46.0, 0.9, 10.54N:0.04, 72.45W:0.03, h17km, n14, c253/28, ID, Venezuela

RSNC 27 12:47:47.3, 0.9, 10.42N:72.54W, h9km, 6km, ML2.8, Mw2.8

FUNV 27 12:47:51.1, 10.42N:72.18W, h5km, MW3.4 ISC 27 12:47:46.0, 0.9, 10.54N:0.04, 72.45W:0.03, h17km, n14, c253/28, ID, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak Array, YKA Yellowknife Ar, NVAR Mina Array Bea, PDAR Pinedale Array.

Code Station Name Az AzZ Phase ID Time Res ISC. Includes stations like CRUC Correjon, Guaj, URIC Uribia, Colomb, LLIC La Loma I Cana.

LLIC La Loma I Cana 1.47 228 eP Pn 12 48 09.6 -2.7

LLIC La Loma 5 El P 1.48 238 eP Sbn 12 48 30.4 -0.9

SMRC Santa Marta, M 1.85 290 eP Sbn 12 48 17.2 -0.4

ARGC Ariguani, Magd 1.89 249 eP Sbn 12 48 17.4 -0.7

CURV Curarigua 2.51 102 eP Pn 12 48 27.5 +0.8

SIOV Siquisique 2.60 87 eP Sbn 12 48 55.4 +1.5

CAVY Capacho 2.66 177 eP Sbn 12 48 32.0 -2.0

SJCC San Jacinto, C 2.76 257 eP Sbn 12 49 05.6 +2.5

PAMC Pamplona, Colo 3.19 184 eP Sbn 12 49 18.2 +3.8

ZARC Zaragoza, Caus 3.85 218 eP Sbn 12 48 45.3 +0.2

BAUV El Baul 4.63 110 eP Pn 12 48 56.6 +0.8

BENV Beln 4.81 96 eP Sbn 12 48 59.5 +1.1

IDC 27 12:52:13.0, 0.3, 7.26S:151.49E, h0km, mb3.6/2, mbtmp3.6/2, Error ellipse: s-maj=157.2km s-min=46.0km az=114.0, New Ireland region

WRA Warramunga Arr 24.03 223 Op P 12 57 30.4 +0.6

ASAR Alice Springs 26.97 218 P 12 57 56.3 -0.3

TORD Torodi Ar Bea 148.35 291 PKPbc PKPbc 13 12 01.7 -0.8

NNC 27 12:56:57.4, 11.0, 37.00N:69.68E, h0km, mb3.9, mpv3.5, 3C-2D, Error ellipse: s-maj=92.2km s-min=90.2km az=51.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, AML Almayashu, KK31 Karatay Array, UCH Uchtor, EK52 Erkin-Say, AAK Ala-Archa, USP Ospanovka, TKM2 Tokmak 2, TKM2 Tokmak 2.

IDC 27 13:10:39.9, 3.0, 15.69S:173.95W, h64km, 27km, mb3.9/11, mbtmp4.2/12, ML4.7/1, MS4.3/2, Error ellipse: s-maj=27.4km s-min=15.7km az=136.0

NEIC 27 13:10:40.3, 0.9, 15.72S:0.07, 173.83W:0.06, h66km, 7km, mb4.6/40, Error ellipse: s-maj=11.1km s-min=8.0km az=205.0

ISC 27 13:10:38.9, 0.5, 15.70S:0.07, 173.80W:0.08, h50km, n72, c115/102, mb4.6/29, Tonga Islands

AFI Afiamalu 2.65 48 P Sbn 13 11 22.7 +2.5

NIUE Niue 5.00 133 P Pn 13 11 52.9 +1.5

MSFV Nonsavu 8.06 254 P Pn 13 12 37.8 +4.3

MSFV Nonsavu 8.06 254 Pn Pn 13 12 34.2 +0.7

PINNC Pines Island, 16.99 246 P Iamb Iamb 13 15 30.0 +0.7

PDMZ Mont Dzumac 19.73 248 P P 13 15 03.6 -1.0

TARA Tarawa 21.43 321 P P 13 15 20.9 -2.0

TOZ Tahuroa Road 23.90 201 P Iamb Iamb 13 15 48.0 0.0

1572

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BFZ Birch Farm, TCW Torsy Channel, MRNZ Matariki Terra, ARMA Armadale, KRVT Keravat, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, WAKE WAKE Island, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, STKA Stephens Creek, BBOO Buckleboob, WBO Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WRA WAKE ISLAND Hy, AS31 Alice Springs, ASAR Alice Springs, GUMO Guam, MTN Manton Dam, FITZ Fitzroy Crossi, PSAA Pilbara Seismi, MBWA Marble Bar, SBA Scott Base, JKA Kamikawa-asahi, PEAOB Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, QSPA South Pole Qui, QSPA South Pole Qui, NVAR Mina Array Bea, P18K Big Mountain, N19K Bonanza Creek, SVWZ Sparrevohn, M19K Big River Lodg, TRF Thorofore Moun, TXAR Lajitas Array, TNA Tin City, MCK McKinley, DLBC Dease Springs, HDA Harding Lake, CCB Clear Creek Bu, TCOL CIGOL, UAF Yank, COLA College, COLA College, MDM Murdoch, PDAR Pinedale Array, PDAR Pinedale Array, ILAR Indian Mountain, IMAR Indian Mountain, PRP Porcupine Dome, DAWY Dawson, COLD Coldfoot, COLD Coldfoot, FYU Fort Yukon, BMAR Burnt Mountain, YKA Yellowknife Ar, A36M Sachs Harbour, BRTR Keskin Array, GERES GERES Array.

MOS 27 13:15:23.3, 0.8, 0.58N:98.94E, h42km, mb5.1/45, Error ellipse: s-maj=8.9km s-min=4.4km az=109.7

Bull 27 13:15:25.0, 0.0, 0.66N:98.47E, h56km, mb4.8/62, mb5.20, MS4.6/20, MS7.4/22

DJA 27 13:15:26.2, 0.2, 1.1N:2.98E, h49km, 2km, M4.9/55, mb5.0/55, mb5.3/19, MLV5.2/21, Mw4.7/18, M(W)M4.8/19

NEIC 27 13:15:26.6, 1.1, 0.61N:0.06, 98.42E:0.05, h45km, 6km, mb5.1/86, Error ellipse: s-maj=10.3km s-min=6.7km az=213.0

IDC 27 13:15:26.1, 1.9, 0.58N:98.52E, h50km, 16km, mb4.3/25, mbtmp4.6/27, ML4.5/2, MS4.0/5, Error ellipse: s-maj=17.7km s-min=9.3km az=51.0

ISC 27 13:15:26.2, 0.3, 0.59N:0.04, 98.43E:0.04, h52km, 2km, h53km, PP-P, n379, t192122, mb4.9/129, MS4.3/13, 38C-1/12, Northern Sumatra

Code Station Name Az AzZ Phase ID Time Res ISC. Includes stations like PBSI Pulau Batu, GSI Gunungsitoli, GSI Gunungsitoli, RPSI Rantau Apak, PSI Prapat, PDSI Padang, BKNJ Bangkinang, BKNJ Bangkinang, SNSI Sinabang, Aceh, TSI Tuntungan.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KCSI, SPSI, PPSI, MSLI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZHZ, LZYH, LYNY, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSRS, UZB, XLT, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FNA Florina, KZN Kozani, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like I26DE FREYUNG INFRAS11.72, I37NO I37NO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BER 27 13:44:56.01.1, KONO Kongsberg, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JMA 27 13:50:04.02, TAP 27 13:50:05.0, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like EOS3 baz=175, NDS Dongshan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WTP Ta-pu, TWK Hsiuying, etc.

UCR 27 13:58:36.4, 0.9, 8.68N-82.82W, h28km, 3km, MW3.5, UPA 27 13:58:37.0, 1.0, 8.68N-82.77W, h18km, 1km, MD3.6, ML3.5, MW3.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like I27 14:06:51.4, NEIC 27 14:06:54.8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HHU, KS19, KSAR, KSRS, etc.

IDD 27 14:16:31.42.5, 10:43S, 161.42E, h73km, 18km, mb3.9/13, mbmp4.2/14, MS3.6/3, Error ellipse: s-maj=22.2km, s-min=15.8km az=85.0

NEIC 27 14:16:31.6.1.5, 10:37S, 161.4E:0.1, h67km, 2km, mb4.5/44, Error ellipse: s-maj=16.6km s-min=11.6km az=57.0

NOU 27 14:16:31.6, 10:42S, 161.50E, h51km, mb4.4/20, Solomon Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WB2, WRA, STKA, AS31, etc.

IDD 27 14:28:19.1.6, 6:23S, 152.97E, h0km, mb3.4/3, mbmp3.6/5, ML2.8/2, Error ellipse: s-maj=51.0km s-min=24.4km az=115.0

ISC 27 14:28:19.1.6, 6:15S:0.09, 152.8E:0.2, h33km, n6, o55577, mb3.3/3, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like A21K, EGAK, M30M, etc.

WEL 27 14:39:02.9.0.5, 45S, 168E, h5km, M2.8/3, ML2.9/6, MLV2.8/3, Error ellipse: s-maj=0.0km s-min=0.0km az=138.9, confirmed, South Island

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

NEIC 27 14:42:07.2.1.2, 18:8S:0.1x177.5W:0.2, h62km, 13km, mb4.4/20, Error ellipse: s-maj=24.3km s-min=20.5km az=115.0

IDD 27 14:42:08.1.3.6, 18:74S:177.65W, h625km, 28km, mb3.3/6, mbmp4.3/7, Error ellipse: s-maj=82.4km s-min=24.5km az=40.0

ISC 27 14:42:05.7.1.3, 18:8S:0.1x177.6W:0.2, h600km, n32, o5779/30, mb4.3/16, Fiji Islands region

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

TIR 27 14:57:02.7, 40:16N:20:32E, h16km, 3km, Md2.7, M2.8, ATH 27 14:57:02.7, 40:24N:20:36E, h4km, 2km, ML2.5/13, Error ellipse: s-maj=2.5km s-min=1.4km az=138.0

THE 27 14:57:03.3, 40:18N:20:36E, h19km, 2km, ML2.4/9, Error ellipse: s-maj=2.9km s-min=0.8km az=123.0

ISC 27 14:57:02.9.0.9, 40:20N:03:20.35E:0.03, h17km, 7km, n40, o589/58, Greece-Albania border region

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

27d 15h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Erkin-Say, Chumysh, Anan'yevo, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like Kuram, Kurchatov, Karatay Array, etc.

1578

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Kurchatov, Jazattor, Piutthan, etc.

27d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, ISC. Includes stations like IPCC Station P, IPOC Station P, IPOC Station P, etc.

2017 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, Blackbirch Sta, etc.

1580

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, ISC. Includes stations like TA01 Diego Aracena, I37NO I37NO, I43RU DUBNA INFRASONO, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res. Includes stations like KDAX, Q19K, O18K, ILSW, SVW2, etc.

NNC 27 17:43:31.21, 2.1, 38.49N, 72.99E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=9.4km s-min=6.2km az=172.0

ICD 27 17:43:42.54, 4.1, 38.92N, 73.03E, h78km, mb3.4/5, mbmp3.6/1.1, Error ellipse: s-maj=33.8km s-min=23.3km az=40.0

ISC 27 17:43:30.0, 6.38, 39N, 0.05, 73.03E, 0.05, h10km, n57, a272/56, mb3.8/9, 8C-8D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res. Includes stations like DRK, GAR, BTX, KSH, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res. Includes stations like ARXS, PDGK, SMLA, SMLA, etc.

ICD 27 18:05:22.52, 2.1, 43.62N, 105.40W, h0km, mbtp3.1/3, ML2.5/2, Error ellipse: s-maj=45.0km s-min=10.5km az=150.0

NEIC 27 18:05:24.2, 1.0, 43.75N, 105.05, 105.31W, 0.05, h0km, 2km, ML3.1/7.0, Error ellipse: s-maj=9.3km s-min=3.4km az=328.0

ISC 27 18:05:24.0, 0.9, 43.75N, 105.05, 105.35W, 0.05, h0km, n52, a697/51, Wyoming

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res. Includes stations like RSSD, K22A, PHWY, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res. Includes stations like HWUT, BSUT, BSUT, KSCO, etc.

NOU 27 18:41:05.6, 34.86S, 179.26E, h222km, mb4.7/34, South of Kermadec Islands

NEIC 27 18:41:06.9, 1.4, 34.7S, 0.1x178.9E, 0.1, h210km, 5km, mb4.9/27, Error ellipse: s-maj=15.5km s-min=14.8km az=114.0

WEL 27 18:41:08.0, 1.3, 35.5S, 17.1x17.9E, 1.4, h158km, 43km, MA.3/48, mb4.9/18, ML5.2/49, MLV.4/94, Mw(mb)4.2/18, Error ellipse: s-maj=0.0km s-min=0.0km az=31.6, confirmed

ISC 27 18:41:10.8, 0.7, 35.42S, 0.06x179.08E, 0.07, h284km, 6km, n254, a1957/247, mb4.7/25, 1D, Off east coast of North Island

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

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PRWZ, BFZ, MWZ, MRZ, CPWZ, HOWZ, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PTCN, MTN, FITZ, MORW, PSAA00, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PHWY, RWY, RWWY, RWWY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ALJI, LCND, CNCH, PAGO, SCLA, CRIN, etc.

SJA 27 20:32:20.7-2.1, 20.835x67.12W, h175km, ML4.0, MW4.0, Hypocentre not reviewed by the ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MOCB, PB08, PB09, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GO01, GO02, GO03, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for YJA, LVC, LVC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PB07, PB07, PB07, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PB03, PB03, PB03, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TA01, TA01, TA01, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PB06, PB06, PB06, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PB12, PB12, PB12, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AP01, AP01, AP01, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GO02, GO02, GO02, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AC01, AC01, AC01, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TLJ01, BB19B, SNDB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TRQA, TRQA, TRQA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BDFB, BDFB, BDFB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for VNA3, VNA1, VNA2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DBIC, DBIC, DBIC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ASAR, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GUMO, WRA, ASAR, etc.

NOU 27 20:40:57.8, 43.47S:174.00E, h0km, MLV4.3/7, Off E. Coast of S. Island, N.Z.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes. Includes stations like Kahutara, Cape Campbell, Blackbirch Sta, etc.

MAN 27 20:56:02.2, 19'12N:121.49E, h25km, mb3.9, ML2.6, MS2.2, 2C-1D, Philippine Islands region

Table with columns: Cidc, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Calayan Island, Gonzaga, Sagada Mountai.

HEL 27 21:07:06.0-0.2, 67.63N:33.78E, h0km, ML1.5, Explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lovozero, Vario, Oulanka, Finla, etc.

CNRM 27 21:07:23.5, 36'12N:8'20W, h70km, ML2.5, MDD 27 21:07:24.7-0.5, 36'20N:8'15W, h34km, 12km, mb_Lg2.6/9, Error ellipse: s-maj=5.3km s-min=3.2km az=60.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Barranco-do-Ve, Vila Bisbo, Manteigas, etc.

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes. Includes stations like MORF, PVAO, EGRO, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes. Includes stations like Melilla, Mont Gurugu, Alboran, etc.

IDC 27 21:14:38.0±2.5, 3.70N:127.76E, h0km, mb3.3/4, mbtmp3.3/4, 1C, Error ellipse: s-maj=226.8km, s-min=23.7km az=68.0, Talaud Islands

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

IDC 27 21:22:37.5±1.8, 4.82S:153.18E, h66km, 13km, mb3.9/13, mbtmp4.3/14, MS3.3/4, Error ellipse: s-maj=19.7km, s-min=2.2km az=74.0

NEIC 27 21:22:37.2±1.7, 4.69S:0.06, 153.23E:0.07, h70km, 7km, mb4.5/34, Error ellipse: s-maj=13.6km s-min=1.6km az=46.0

ISC 27 21:22:35.0±0.5, 4.78S:0.06, 153.29E:0.07, h50km, n77, 15007.5, mb4.4/29, MS3.0/3, New Ireland region

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

Table with columns: ID, Name, Az, El, AzE, Phase, ID, Time, Res. Includes rows for H11N3 WAKE ISLAND Hy 27.79 28 T, STKA Stephens Creek 29.10 201 P, STKA Stephens Creek 29.10 201 P, STKA Filzroy Crossi 30.09 242 P, etc.

Table with columns: ID, Name, Az, El, AzE, Phase, ID, Time, Res. Includes rows for DBIC 5.2nm,0.8s,baz=277,slow=11,SNR=9.4, DBIC 5.2nm,0.8s, DBIC H05S1 Guadeloupe/Mar 27.96 87 P, etc.

Table with columns: ID, Name, Az, El, AzE, Phase, ID, Time, Res. Includes rows for P57A baz=117, J58A baz=123, J58A baz=123, HAW Hawthorne Fire 52.55 308 P, etc.

IDC 27.21:26:07.08:0.4:6:20N:33:03W,h0km,mb4,4/36, mbmp4.5/37,MLS,0/1,MS3,8/49,Error ellipse: s-maj=13.2km s-min=11.0km az=166.0

NEIC 27.21:26:09.21:1.2:6:1N:0.1:32:96W:0.10,h10km,1km, mb5:1/189,Error ellipse: s-maj=19.9km s-min=15.1km az=156.0

ISC 27.21:26:09.0:0.3:6:13N:0:06:32:98W:0:06,h10km,n461, c1808/413,mb5.0/137,MS3,8/47,1C,Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res. Includes rows for RCBR Riachuelo 12.23 194 Op, SACY Santiago Islan 12.73 46 Pn, TMAB Tom-Au,PA,Br 17.29 241 eP, etc.

Table with columns: ID, Name, Az, El, AzE, Phase, ID, Time, Res. Includes rows for U59A Littleton 50.80 313 P, U59A Littleton 50.80 313 P, T59A Double "B" Far 50.89 314 P, etc.

Table with columns: ID, Name, Az, El, AzE, Phase, ID, Time, Res. Includes rows for P57A baz=117, J58A baz=123, J58A baz=123, HAW Hawthorne Fire 52.55 308 P, etc.

Table with columns for location (e.g., CN2, INCN, TJN, JNU, etc.), time (e.g., 10.32 248), and status (e.g., P, Pn, S).

Table with columns for location (e.g., BJT, PET, JOW, TIA, etc.), time (e.g., 17.09 271), and status (e.g., P, Pn, S).

Table with columns for location (e.g., TATO, SEY, WHN, ULN, etc.), time (e.g., 22.17 225), and status (e.g., P, Pn, S).

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like COLA College, CHMS Chumysh, USP Osenovka, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MCARA McCarthy VSAT, EGAK Eagle, KK31 Karatay Array, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like S31K Pelican, N32M Quiet Lake, BKNI Bangkang, etc.

27d 22h

Table with columns for station name, frequency, power, and signal strength. Includes stations like SORM Soroca, ONAU Onsala, GHWR Ruwais, etc.

2017 MAR

Table with columns for station name, frequency, power, and signal strength. Includes stations like YMR Madison River, PLOR Plostinia, DMITO DMITO, etc.

1594

Table with columns for station name, frequency, power, and signal strength. Includes stations like HTT Hallett, SGRR Sibirgeni, DPC Dobruska-Polom, etc.

1595

Table with columns for name, code, frequency, and other details. Includes entries like GOPC, GO Pecny, Ondr, PRU, PRUH, GWY, etc.

2017 MAR

Table with columns for name, code, frequency, and other details. Includes entries like ROTZ, HEC, B2B, K22A, BALB, etc.

27d 22h

Table with columns for name, code, frequency, and other details. Includes entries like OBKA, RUDO, SWSC, STIP, IKP, etc.

27d 22h

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like LPW Lampeter, OGNE Ogallala, F36A Milaca, etc.

2017 MAR

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like GLMI Grayling, I45A Fountain, I45A, etc.

1596

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like BATG Bathurst New B, ABTX Abilene, LPIG La Paz, etc.

1597

Table with columns: L56A, Greenwood, 90.07, 26, P, P, 22.44, 22.8, +1.0, etc. Lists various station identifiers and their associated data points.

2017 MAR

Table with columns: U49A, Red Boiling Sp, 91.91, 34, P, P, 22.44, 31.5, +1.1, etc. Lists various station identifiers and their associated data points.

27d 22h

Table with columns: PLCA, comp=Z, 2.0nm, 0.8s, baz=288, slow=3.5, SNR=3.0, etc. Lists various station identifiers and their associated data points.

27d 23h

Table with columns: YKA, H11N2, H11N3, H11N1, H11S1, H11S2, H11S3, PDAR, TXAR, MKAR, FINES. Includes station names, times, and phases.

ANF 27 22:44:34.30±0.1, 34°01'N-117°17'W, h15km, ML2.2/3, Error ellipse: s-maj=1.1km s-min=0.8km az=61.0, Southern California

Main table for Southern California stations, including BBRC, MURC, BFSC, PFO, PFX, RRX, BELC, DECC, HEC, EDW2, 109C, MONP2, GSC, OSCI, BC3, GMRC, LRM, SWSC, IKP, IRM, ARVC, MPMC. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 27 22:48:51.1±1.2, 9°43'S-158°45'E, h0km, mb3.6/4, mbtm3.6/4, MS4.1/2, Error ellipse: s-maj=41.2km s-min=19.9km az=173.0, Bougainville-Solomon Islands region

Table for Bougainville-Solomon Islands region stations, including HNR, WRA, ASAR, H11S3, H11S2, H11S1, SONM, BBB, MKAR, RPN. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 27 22:52:47.1±0.9, 36°15'N-33°58'W, h0km, mb3.8/12, mbtm3.8/12, MS3.2/1, Error ellipse: s-maj=25.3km s-min=17.3km az=9.0, NEIC 27 22:52:49.1±1.4, 36°6'N-0°2'33'W, h0.1, h10km, 1km, mb4.5/34, Error ellipse: s-maj=25.8km s-min=18.0km az=183.0

2017 MAR

ISC 27 22:52:48.6±0.6, 36°55'N-0°1'33'W, h10km, n50, 0°80'S/50, mb4.4/29, Azores Islands region

Main table for Azores Islands region stations, including ESDC, ESDC, MDT, BATG, EKA, MVL, J56A, AGPR, TOAD, TORD, BAUV, SIUC, N41A, FCC, T42A, P40A, N38A, AKASA, AGMN, S39A, RES, ECSD, MIAR, MANT, TUL1, WHTA, YKA, A36M, YMP, PD31, PDAR, PDAR, YMR, QLMT, IMW, FXYW, TX31, TX32, TXAR, TXAR, DUG, PLID, MVU, LPAZ, BCAR, MK31, MKAR, MKAR. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res.

JMA 27 22:53:05.9±0.1, 24°1'N-0°7'123'E, h0.4, h32km, 1km, 27 22:53:07.1±1.1, NEAR (ISC) AKIWA ISLAND, ISC 27 22:53:03.4±1.4, 24°06'N-0°08'123'E, h0.03, h18km, 6km, n13, 0°50'D/1, Southeastern Ryukyu Islands

Main table for Southeastern Ryukyu Islands stations, including YOJ, YJNG, HATJ, IRIMOTE, JKRS, IJSH, JIJ, JISG, JISG, JTJ, NACB, YHNB, YULB, TWBJ, TPUB. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 27 23:00:20.6±3.8, 19°20'S-167°44'E, h0km, mb3.8/4, mbtm3.8/5, ML3.2/1, Error ellipse: s-maj=62.7km s-min=32.1km az=53.0, Vanuatu Islands region

Table for Vanuatu Islands region stations, including DZM, DZM, URZ, STKA, WRA. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res.

1598

ASAR Alice Springs 31.49 256 P P 23 06 44.8 +0.3

Main table for Alice Springs stations, including ESDC, NOA, AKASA, YKA, PDAR, BELG, TXAR, LPAZ, ILAR, ZALV, MKAR, MKAR. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res.

UPP 27 23:18:23.9±0.0, 67°84'N-20°20'E, h1km, ML2.7, Suspected explosion

HEL 27 23:18:24.8±0.3, 67°82'N-20°28'E, h0km, ML1.6, Explosion

ISC 27 23:18:23.9±0.0, 67°83'N-0°02-20°23'E, h0.03, h0km, n27, 0°75'S/43, Sweden?

Main table for Sweden stations, including RATU, KOUV, NIKU, LANU, LANU, DUND, MASU, SALU, KIF, KIF, PAJU, PAJU, HEF, HEF, HEF, ERTU, ERTU, KLF, KLF, KLF, KLF, KLF, KLF, HARU, HARU, KALU, KALU, KALU, TOF, TOF, RNF, RNF, ARAO, ARAO, KEV, KEV, OLKF, OLKF. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 27 23:38:58.6±2.0, 58°46'N-156°15'W, h124km, 22km, mb3.2/5, mbtm3.7/9, Error ellipse: s-maj=25.4km s-min=21.0km az=64.0, NEIC 27 23:38:58.3±3.0, 58°15'N-0°05-156°20'W, h1, h142km, 12km, Error ellipse: s-maj=9.6km s-min=7.0km az=70.0, AEIC 27 23:39:01.2±2.4, 58°24'N-0°06-156°17'W, h0.1, h140km, 8km, ML3.3, ML3.4/6/2(NEIC), Error ellipse: s-maj=110.0km s-min=8.2km az=101.0, ISC 27 23:38:59.0±0.8, 58°30'N-0°05-156°01'W, h0.04, h150km, 6km, n163, 0°172'186, mb3.6/4, Alaska Peninsula

Main table for Alaska Peninsula stations, including Q17K, Q17K, Q16K, Q18K, Q18K, R17K, R17K, P17K, P17K, R16K, R16K, R16K, R16K, P16K, P16K, P16K, Q19K, Q19K, Q19K. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res.

1599

Table with columns for call sign, frequency, power, mode, and other technical details for station 1599. Includes stations like Q19K, O19K, O17K, etc.

2017 MAR

Table with columns for call sign, frequency, power, mode, and other technical details for station 2017 MAR. Includes stations like SML, SML, FALS, M23K, etc.

28d 0h

Table with columns for call sign, frequency, power, mode, and other technical details for station 28d 0h. Includes stations like SHLS, SHLS, PDGK, etc.

28d 1h

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like YUK, YUZH, RUSJ, NMR, YSS, etc.

2017 MAR

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like BILL, KSR5, TJN, JNU, TNA, etc.

1602

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like FINES, RDMU, RSSD, etc.

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

Table with columns: Station Name, Code, Time, Res, and various parameters. Includes stations like GROG Groznyy, SHTL Shatili, TRKR Terskaya, etc.

Table with columns: Station Name, Code, Time, Res, and various parameters. Includes stations like GNBGR Gunib, LGD Lagodekhi, KANR Karaman, etc.

Table with columns: Station Name, Code, Time, Res, and various parameters. Includes stations like BKI Bering, KBTB Krutoberegovo, MYS Mys Kozlova, etc.

DJA 28 02:10:37.5±0.7, 8°55'±10.7E, h24km, 5km, M4.2/15, mb4.8/2, MLV4.0/15, Jawa

IDC 28 02:14:11.9±0.9, 9.558S±173.93W, h0km, mb4.1/9, mbmp4.1/10, ML4.2/1, MS3.5/16, Error ellipse: s-maj=48.9km s-min=17.5km az=143.0

NEIC 28 02:14:15.9±1.3, 15.745S±0.09, 173.77W±0.1, h35km, 2km, mb4.8/11, Error ellipse: s-maj=22.3km s-min=13.6km az=115.0

ISC 28 02:14:16.4±0.5, 15.755S±0.08, 173.69W±0.09, h35km, n57, c1950/41, mb4.6/15, MS3.6/17, Tonga Islands

Table with columns: Station Name, Code, Time, Res, and various parameters. Includes stations like AF1 Afiamalu, AF1 Afiamalu, AF1 Niue, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes entries like Santo Domingo, Monte Pirata, YKA, FRB, INK, ILAR, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes entries like OBIP, AGPR, AGPR, LSP, LSP, LSP, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes entries like MTW, TRWZ, TRWZ, TRWZ, TRWZ, etc.

ISC 28 06:21.24.5:2.6, 53.77N:87.01E, h0km, mbtm:3.0/2, ML2.8/2, Error ellipse: s-maj=22.3km s-min=14.3km az=68.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like KOT, HHAG, HSAF, GLL, SUZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like SGSI, MATI, MATI, GSHP, etc.

NEIC 28 06:26:23.0:1.0, 18.98N:0.07:65.11W:0.04, h35km, 2km, ML2.6/34, MD3.5/32(RSPR), Error ellipse: s-maj=12.0km

ISC 28 06:53:45.9:1.0, 12.04N:144.18E, h0km, mb3.6/6, mbtm:3.6/6, MS3.7/1, Error ellipse: s-maj=51.4km

ISC 28 07:07:43.0:0.4, 8.76N:126.87E, h54km, mb4.9, ML3.9, MS3.9, BUJ 28 07:07:41.3:0.0, 4.56N:127.16E, h93km, mb4.6/24, mb5.1/14

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like GUMO, TGUY, WRA, ASAR, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like SWI, SIJI, RCP, NLA, MPSE, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like GCPR, GCPR, GCPR, CDVI, CDVI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like WEL, NOU, ISC 28 06:58:43.6:0.9, 42.04S:0.02:173.75E, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PZH, KSRS, XAN, MORV, EIDS, HHC, BBOO, NWAOW, STKA, ASAJ, ARMA, KLR, ULN, SONM, WMQ, MK31, MKAR, MKAR, MA2, AAK, ZALV, ZALV, KURK, KURK, KKAR, BVAR, BRVK, TIXI, NRIK, ABKAR, AKTO, KIROV, KBZ, H24K, ILAR, VVDA, VVDA, VVDA, MMAI, ARCES, FINES, FINES, MLR, QSPA, QSPA, NOA, YKA, TORD, INET, SNET, ISC, 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. Includes stations like CEVE, LCND, SBL5, FAGO, CNCH, RTR, UNIC, LLOJ, NUBS, SLOZ, MTO3, ESQI, CRIN, TGUH, TGUH, TELN, RCON, NNC, ISC, 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. Includes stations like THN, THN, CHM, CHM, AML, AML, AML, NRN, NRN, DZA, DZA, MRKS, MRKS, EKS2, EKS2, KK31, KK31, KK31, AAK, AAK, AAK, KBK, BHK, ULHL, BOOM, CHMS, USP, TKM2, TKM2, TKM2, KDJ, SMLA, SMLA, SMLA, SMLA, KST, KST, DGS, DGS, DGS, MDOK, PDGK, KUDL, GEYT, GEYT, GEYT, GEYT, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, GKN, DMN, AB31, ABKAR, ABKAR, KURBB, PKIN, PKI, GUN, JIRN, RAMM, BVAA, BVAA, BRVK, BRVK, AKTO, AKTO, AKTO, TAPN, ZAAO, ZAAO, ZALV, ZALV, ZALV, NRIK, FINES, FINES, FINES, FINES, TORD, TORD, TORD, TORD, TORD, TORD, WRA, ASAR.

28d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Greta Valley S, Lake Taylor, Amberley, Kahutara, Oxford, Topohuse, McQueen's Vall, Incheonie, Rakaiia, Denniston Nort, Mount Hutt, Wakanu South, Otahua Downs.

WEL 28 09:12:34.70.5.42'S, 173°44'E, h5km, M1.8/5, ML2.2/7, MLv1.8/5, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kahutara, Blackbirch Sta, Topohuse, Tuamarina, Greta Valley S, Matariki Terra, Tori Channel, Lake Taylor, D'Urville Isla, Denniston Nort, Oxford, Quartz Range, Akarua Harbour, Incheonie, Mount Hutt, Wakanu South, Rata Peaks, Arundel, Timaru, Pawanui, East Tongariro, Otahua Downs.

IDC 28 09:16:29.8.1.2.33'10N, 88°02'E, h0km, mb3.5/4, mbtmp3.6/7, ML3.8/3, MS3.2/7, Error ellipse: s-maj=37.0km s-min=25.5km az=6.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Makanchi Array, Chiang Mai Arr, Kurbb Kurchatov Arra, Songoing Array, Zalesovo Beam, Borovoye Array, Alibeck, Ussuriysk Arr, Obninsk, Mount Meron Arr, Alice Springs, Eielson Array, Torodi Arr, Beaa, Yellowknife Arr.

IDC 28 09:29:06.6.2.3.54'54N, 83°50'E, h0km, mbtmp2.3/2, ML2.2/2, Error ellipse: s-maj=19.0km s-min=10.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Zalesovo INFRA, Zalesovo Beam, Kurbb Kurchatov Arra, Makanchi Array.

MDD 28 09:35:56.6.1.0.36'83N, 12°07'W, h0km, Mb4.0/10, M, mb3.3/12, Error ellipse: s-maj=7.6km s-min=6.7km az=36.0

INMG 28 09:35:57.1.3.36'66N, 12°47'W, h30km, ML2.4, Error ellipse: s-maj=6.5km s-min=4.7km az=86.0

IGIL 28 09:35:57.2.36'83N, 12°07'W, h0km, ML2.3

CNRM 28 09:36:01.0.36'22N, 11°36'W, h0km

IDC 28 09:35:51.2.8.36'66N, 12°07'W, h10km, n49, e287/89, 11C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Vila Bisbo, Marnelete, Sao Teotonio.

2017 MAR

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Mafrá, Nicolaou / Gran, Messejana, Castro Verde, Barranco-Do-Ve, Vaqueiros, Estremoz, Barrancos, Casmiolo, Mina Concepcio, Badajoz, Marv??o, Espera, Manteigas, ZHG, ECAB, POLO, Plascencia, Moncorvo, Lobios, Gaveira, Adamuz, Ouksimeden, Mazaricos, Calabor, San Pablo, Agolada/Pontev, Granatula de C, Midelt, Zalesovo INFRA, ZAAO, ZALV, Kurbb Kurchatov Arra, Kurbb, Makanchi Array, MK31, MK31, Makanchi Array, Midelt.

1610

0.1nm, 0.3s, baz=33, slow=32, SNR=7.8 0.8nm, 0.6s

IDC 28 10:07:54.6.600.0, 24°80'N, 129°34'E, h0km, Error ellipse: s-maj=261.6km s-min=184.6km az=61.0, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IS30JP, I39PW, I45RU.

DJA 28 10:08:00.9.2.2.10'N, 111°12'6E, h17km, 20km, M5.2/12, mb3.3/7, mb5.1/12, MLv5.6/3, Mv19.5/4.8/7

IDC 28 10:08:15.2.0.6.8'10N, 126°26'E, h0km, mb4.0/19, mbtmp4.1/21, ML4.3/2, MS3.4/14, Error ellipse: s-maj=21.6km s-min=11.1km az=90.0

NEIC 28 10:08:17.4.1.4.8'15N, 0°06'126.10E, 0.07, h10km, 1km, mb4.6/67, Error ellipse: s-maj=12.5km s-min=9.3km az=101.0

MAN 28 10:08:18.6.8'03N, 126°14'E, h14km, mb5.1, ML4.0, MS4.1

MAN INTENSITY IV - TRENTO AGUSAN DEL SUR; INTENSITY IV - SANTA JOSEFA AGUSAN DEL SUR; INTENSITY III - BISLIG CITY; MONKAYO COMPOSTELLA VALLEY; ROSARIO AND BUNAWAN

ISC 28 10:08:18.3.0.7.8'12N, 0°02'126.08E, 0.03, h20km, 3km, n153, e1946/167, mb4.5/58, MS3.5/12, 10C-11D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Bislig, Butuan, Davao City, Davao City (W), DAV, DAVAO CITY (W), MATI, CGP, KCP, General Luna, Surigao, Cotabato-PC H, DMMP, Bagumbayan, Su, General Santos, Maasin, Pagadian, Tagbilaran, DCPH, Lapu-Lapu, Ormoc, Candoni, Negro, Sangihe, Catamaran, Roxas, Virac, Ternate, GTOI, HYLDM, SAIU, MRSI, TOLL, LBMI, LUWI, SANI, SIJI, NLA, FAKI, KAPI, YULB, SSSL, SAU, SOEI, JOW, MTN, JSU, KNRA, NJ2, NJ2, NJ2, NJ2, NJ2, NJ2, FITZ, PMG, CMAR, WB0, INU, WRAB, WRA, WRA, WRA, WB2.

Table with columns: MKAR, Makanchi Array, 14.73 336, Pn, Pn, 11 02 44.4 -3.1, etc. Includes sub-sections like CMAR, KBL, SONMI, KKAR, ZAAO, ZALV, ZALY, ARKAR, KS19, KSAR, KSRS, USA0B, OBN, FINES, NC602, EKA, WRA, IMAR, ASAR, A36M, ILLULI, YKA.

ANF 28 11:03:26.2±0.2, 32.95N±1.15, 54W, h15km, ML2.9/17, Error ellipse: s-maj=1.9km s-min=1.4km az=151.0, NEIC 28 11:03:27.3±1.8, 32.94N±0.01, 115.56W±0.01, h20km±2km, Error ellipse: s-maj=1.5km s-min=1.5km az=202.0, PAS 28 11:03:27.6±2.0, 32.94N±0.006, 115.54W±0.01, h11km±2km, ML3.0/83, ML2.9/42(NEIC), Error ellipse: s-maj=1.6km s-min=0.6km az=69.0, ISC 28 11:03:27.2±0.8, 32.94N±0.02, 115.55W±0.01, h18km±2km, n103, o083/135, California-Baja California border region

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

Table with columns: ESJX, Sierra Juarez, 0.99 200, Pb, 11 03 45.8 -0.1, etc. Lists seismic events with detailed parameters like magnitude, depth, and location.

Table with columns: PORT, Chimborazo Vol, 3.44 299, P, Pn, 11 16 25.0 ±1.0, etc. Lists seismic events, including volcanic activity, with parameters like magnitude, depth, and location.

1613

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like LPAZ La Paz, RIMA Rio Macho, BATAN Batan, etc.

2017 MAR

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like CO06 Fray Jorge, CO03 El Pedregal, AMBA Amambai (Brazi), etc.

28d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like WFTS Witchita Falls, S44A S44A, SIUC Southern Illin, etc.

28d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like K31A, X16A, ECSD, MVCO, WUJAZ, etc.

2017 MAR

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BOZ, SCHO, MFID, HRY, EGM, etc.

1614

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like I27K, H27K, DOT, HARP, KLU, etc.

28d 12h

Table with columns: NEZ, KHEZ, NBZ, DMH, BFZ, MRZ, TIWZ, OGWZ, HOWZ, KIW, MTW, CAW, DUWZ, TRWZ, WELZ, SNZO, TCW, PLWZ, TWLW, INWZ, GRZ, QWZ, CMWZ, BSWZ, MRNZ, THZ, KHZ, KZH, DSZ, INTZ, AMCZ, INZ, OXZ, MOZ, RACZ, MHWZ, WVCZ, ARZ, TMZ, ODZ, JCZ, etc. Each row contains station name, time, phase, ID, and coordinates.

NEIC 28 12:39:48.3e1.4, 1.1N, 121.4E, h51km, 9km, mb4.0/27, Error ellipse: s-maj=19.6km s-min=14.2km az=54.0

IDC 28 12:39:49.0t1.5, 1.14N, 121.54E, h522km s=18m, m3k/111, mbmp4.0/12, Error ellipse: s-maj=28.2km s-min=9.8km az=65.0

ISC 28 12:39:47.5t0.5, 1.16N, 121.46E, h500km, n63, r1519/67, mb3.8/25, Minahassa Peninsula, Sulawesi

Main table listing station names (Code, Station Name, AZ, Phase ID, Op, ISC, Time, Res) and various seismic event parameters (Code, Station Name, Delta, AZ, Phase ID, Op, ISC, Time, Res).

2017 MAR

Table listing seismic events with columns: GARM, ZAAO, ZALV, ZALV, ZALV, KURK, KURK, KKKAR, BRVK, ABKAR, NRK, NRK, NRK, INK, INK, BOS, BOS, etc. Includes event times, magnitudes, and coordinates.

WEL 28 12:42:10.6t0.3, 4.2N, 174E, h12km, M2.3/12, ML2.5/14, MLV2.3/12, Error ellipse: s-maj=0.0km s-min=0.0km az=108.6, confirmed, South Island

Main table listing station names (Code, Station Name, AZ, Phase ID, Op, ISC, Time, Res) for the 2017 MAR section.

STR 28 12:44:23.0t0.8, 4.3N, 173E, h7km, MLV1.8/6, Error ellipse: s-maj=0.0km s-min=0.0km az=95.9, preliminary

LDG 28 12:44:23.0t0.1, 4.2N, 173E, h2km, M1.9/2, M2.0/1, Error ellipse: s-maj=1.5km s-min=1.4km az=132.0

MDD 28 12:44:24.3t0.4, 4.2N, 173E, h2km, M1.9/2, M2.0/1, Error ellipse: s-maj=3.6km s-min=2.5km az=5.0, Pyrenees

Main table listing station names (Code, Station Name, AZ, Phase ID, Op, ISC, Time, Res) for the 2017 MAR section, including events like ARANGUREN, ARA, EARA, OSS, OSSF, ATE, ETSF, ETSF, etc.

1616

Main table listing station names (Code, Station Name, AZ, Phase ID, Op, ISC, Time, Res) and various seismic event parameters (Code, Station Name, Delta, AZ, Phase ID, Op, ISC, Time, Res) for the 1616 section.

1617

Table with columns: LMR, PCAS, PESTR, MBDF, CABF, PGF, BAIF, CDF, GIVF. Includes station names like Casnilo, Conde, Estremoz, Montbardon, La Chapelle, Pioggiola, Baives, Champ du Feu, Givet, and coordinates.

STR 28 12:47:35.9-1.0, 43°N, 3°W, h1km, ML2.8/11, Error ellipse: s-maj=1.8km s-min=0.0km az=82.3, preliminary
INMG 28 12:47:36.4-1.3, 42°9'N, 1°6'W, h0km, ML2.6, Error ellipse: s-maj=2.8km s-min=2.0km az=96.0
MDD 28 12:47:37.0-1.0, 42°28'N, 1°56'W, h0km, mb_Lg3.0/20, Error ellipse: s-maj=1.8km s-min=1.2km az=162.0
LDG 28 12:47:37.3-0.1, 42°88'N, 1°53'W, h2km, M3.0/2, M3.0/25, Error ellipse: s-maj=1.3km s-min=1.1km az=177.0
ISC 28 12:47:34.9-0.9, 42°33'N, 0°02'1.57W, 0.02, h7km, 7km, n62,

Main table for 1617 station data. Columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Aranguren, Oroz-Betelu, Alkurruntz, Ste Jean, Osses, Arette, Etsaut, Canfranc, Tercis-les-Bai, Vief, Chisagues Biel, Esparrros, San Caprasio, Salu, Torete, Horta de San J, Montcuq, Miracle, Poblet, La Frestale, Arriondas, Mosqueruela, Montolieu, Gaudarrama, Fillols, Calviac, Chera, Cofrentes, Saint Martin d, MFF, Moncorvo, Bois d'Agland, BGF.

2017 MAR

Table with columns: POLO, VIVF, ELOB, QUIF, AVF, SMRF, SSF, ROSF, PMRV, PMRV, PMRV, ORF, LDF, LOR, LOR. Includes station names like Lamas de Olo, Saint-Julien-l, Lobios, Quistinic, Avil sur loir, Avil sur loir, Simiane la Rot, Saint Gilles, Saint Saulge, Rostrenen, Marv??, Marv??, Marv??, Oris-en-Rattie, La Druitiere, Lormes, Estremoz, Barrancos.

ICD 28 12:50:27.6-2.8, 8°30'S, 112°02'E, h0km, mb3.5/5, mbtmp3.5/5, Error ellipse: s-maj=173.3km s-min=22.2km az=49.0
DJA 28 12:50:30.1-0.4, 9°S, 3°11'E, h10km, M4.1/19, mb4.4/2, ML4.0/19
ISC 28 12:50:30.0-0.9, 9°44'S, 0°07'111.22'E, 0.05, h35km, n34,

Main table for 2017 MAR station data. Columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Pagerwojo, Wanagama, Wanagama, Yogyakarta, Ngawi, Gumukmas, Semarang, Gresik, Banyuglugur, Ujung Watu, Jajag, Jajag, Jajag, Kung Pucong, Cimerak, Asem Bagus, IGBI, Bungbulang, CNU, Christmas Isla, Cibinong, Plampang, Plampang, Giril, MBWA Marble Bar, PSA00 Pilbara Seismi, Warramunga Arr, ASAR, H08S2, H08S3, H08S1, MKAR, KURBS, ZALV, IDC 28 13:09:03.9-2.3, 6°41'S, 129°55'E, h0km, mb3.2/1, mbtmp3.4/3, ML3.7/2, Error ellipse: s-maj=126.0km s-min=32.8km az=68.0, Banda Sea

ICD 28 13:23:06.3-2.8, 32°25'S, 178°18'W, h0km, mb4.1/2, mbtmp4.0/3, ML3.5/1, MS3.2/2, Error ellipse: s-maj=67.2km s-min=35.9km az=119.0
NEIC 28 13:23:07.1-1.2, 32°25'S, 0°10'178.1W, 0.2, h10km, 2km, mb4.4/6, Error ellipse: s-maj=34.7km s-min=12.8km az=107.0
ISC 28 13:23:08.0-1.3, 32°25'S, 0°178.3W, 0.3, h10km, n20, h68.19, mb4.3/8, South of Kermadec Islands,

Main table for 28 13:09:03.9-2.3 station data. Columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Warramunga Arr, WRA, ASAR, MKAR, URZ, RTZ, BKZ, MFZ, MRZ, TUWZ, KHZ, DZM, AS31, ASAR, ASAR, ASAR.

28d 13h

Table with columns: WB2, WRAB, WRA, WRA, SBA, FINES. Includes station names like Warramunga Arr, Tennant Creek, Warramunga Arr, Warramunga Arr, Scott Base, Warramunga Arr, Warramunga Arr.

FUNW 28 13:28:13.9, 10°34'N, 62°34'W, h1km, MW2.8
ISC 28 13:28:12.7-1.6, 10°22'N, 0°26'236W, 0.06, h10km, n6, r1575/7, Near coast of Venezuela

Table with columns: CRUV, TRN, TRN, PCRW, GCMP, CACV, CACV, BAUV. Includes station names like Carupano, Trinidad (W), Puerto La Cruz, Grenada, Carri, CAICARA DEL OR, El Baul.

TAP 28 13:58:53.6, 24°05'N, 122°62'E, h25km, ML2.5, C
JMA 28 13:58:53.8, 0.2, 24°0'N, 0.8, 122°6'E, 0.6, h18km, MV2.5/9, NW OFF ISHIGAKIUMA IS
ISC 28 13:58:53.3-0.9, 23°98'N, 0°03'122.63E, 0.02, h22km, 5km, n76, 0880/132, Taiwan region

Main table for 28d 13h station data. Columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like E054, E054, E053, E053, YONG, YONG, YOJ, YOJ, YOJ, EWUT, EWUT, ETL, ETL, TWD, TWD, TWC, TWC, NACB, NACB, NDS, NDS, NDS, ETLH, ETLH, EGS, IRIF, IRIF, HATJ, HATJ, EGFH, EGFH, LATG, LATG, HGS2, HGS2, NNSB, NNSB, FUSB, FUSB, TIPB, TIPB, NNS, NNS, WHF, WHF, EHY, EHY, JKRS, JKRS, NWLT, NWLT, SKI1, SKI1, OWD, OWD, CHGB, CHGB, YHNB, YHNB, NSK, NSK, YULB, YULB, YULB, YULB, WYUD, WYUD, WYUD, WYUD, WWSB, WWSB, JIJ, JIJ, FULB, FULB, FULB.

Table with columns: Call Sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like Shilin, ESLS, IRIF, WHP, OWD, etc.

WEL 28 14:36:16.7±0.4, 42°S:3'×174°E±, h5km, M2.3/7, ML2.4/12, Mlv2.3/7, Error ellipse: s-maj=0.0km s-min=0.0km az=127.2, confirmed, South Island

Table with columns: Code, Station Name, Frequency, Class, Power, and other technical details. Includes stations like Kahuta, Blackbirch Sta, Cape Campbell, etc.

Table with columns: Call Sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like Warramunga Arr, Alice Springs, Kununurra, etc.

WEL 28 15:02:12.7±1.1, 52°75N:169°92W, h0km, mb3.6/8, mbmp3.6/9, ML3.1/1, Error ellipse: s-maj=30.9km s-min=20.7km az=157.0

Table with columns: Code, Station Name, Frequency, Class, Power, and other technical details. Includes stations like Cleveland East, Nikolski High, Unalakaska Valle, etc.

Table with columns: Call Sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like Ohrid, Florina, Peshkopija, etc.

28d 16h

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MDVR, HERR, FRGS, etc.

WEL 28 15:24:59.3, 40:19N:24:96E, h10km, ML3.6/60, MLV1.6/3, Error ellipse: s-maj=0.0km s-min=0.0km az=88.7, confirmed, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KHZ, BSWZ, THZ, etc.

ISK 28 15:34:59.9, 40:19N:24:96E, h10km, ML3.6/60, IDC 28 15:34:59.4, 25.40:18N:24:89E, h0km, mbs3.5, s-min=3.5, ML3.5/4, MS2.7/3, Error ellipse: s-maj=39.6km s-min=16.4km az=73.0

ATH 28 15:35:00.9, 40:16N:24:95E, h14km, 1km, ML3.4/21, Error ellipse: s-maj=1.6km s-min=0.8km az=85.0

THE 28 15:35:00.5, 40:16N:24:95E, h7km, 1km, ML3.4/13, Error ellipse: s-maj=1.3km s-min=0.5km az=58.0

DDA 28 15:35:01.1, 0.0, 40:16N:25:00E, h41km, MW3.7, BEO 28 15:35:02.3, 0.8, 40:23N:24:84E, h8km, 4km, ML3.3/13

ISC 28 15:35:00.7, 0.9, 40:16N:02:24.93E, 0.02, h12km, 7km, n175, s1903/230, 12C-11N, Aegean Sea

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

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

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

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

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

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

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

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

2017 MAR

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

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

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

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

1620

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

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Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

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Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ISK, KAVV, OHR, etc.

NOU 28 16:01:00.6, 21:43S:173:64W, h0km, mbs.2/81, Tonga Islands

BJJ 28 16:01:01.0, 6.0, 21:03S:173:59W, h9km, mbs.2/43, mbs.6/28, Ms5.2/16, Ms7.4/8.16

NEIC 28 16:01:02.2, 1.8, 21:16S:109:173:62W, 0.08, h10km, 1km, mbs.3/100, Error ellipse: s-maj=15.0km s-min=11.5km az=157.0

IDC 28 16:01:02.5, 0.4, 21:24S:174:20W, h0km, mbs.4/8.2, mbmp4.8/28, ML4.6/1, MS4.5/47, Error ellipse: s-maj=15.0km s-min=11.0km az=131.0

MOS 28 16:01:06.4, 1.3, 21:16S:174:25W, h33km, mbs.5/4/25, Error ellipse: s-maj=12.7km s-min=9.4km az=41.0

GCMT 28 16:01:07.2, 0.2, 21:47S:0:02:173:63W, 0.01, h13km, MW5.1/125, Moment Tensor Solution: s64, c92, s125, c197, Duration: 0, Moment tensor: Scalar 1016Nm; Mw=4.67; Ms=0.81; Mo=3.86; 10; Mo1.27; 24; Mw=1.62; 0.6; Mw=1.38; 21; Best double couple: Mw=4.98000x10^16 Np1=0.300000; s56.00000; 1.98.00000; NP2=0.197.00000; s35.00000; 1.79.00000; Principal axes: T=0.0690, Plg78.0000; Azm326.0000; N=0.1780, Plg6.0000; Azm206.0000; P=4.8900, Plg11.0000; Azm15.0000; nsta1 refers to body waves, cutoff=400. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function ISC 28 16:01:02.8, 0.5, 21:20S:0:05:173:83W, 0.05, h9km, 2km, mbs.10/P, n646, s195/639, mbs.2/107, MS4.7/55, 34C-24D, Tonga Islands

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

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

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

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

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

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

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

28d 16h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Bonanza Creek, Sparrevohn, and various Alaska locations.

2017 MAR

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Newport, New York, and various US locations.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Clear Creek Bu, Somme Creek, and various international locations.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like RSSD Black Hills, XLT XLT, E25K Arctic Village, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like BELUG Belogorany, OBN OBN, MAK MAK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SOKA Soboth, FRGS Fruska Gora, MOTA Mota, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station data.

IPEC 28 16:18:51.0, 0.1, 49.82N, 18.57E, h1km, ML1.3/4, Error ellipse: s-maj=1.7km s-min=0.7km az=161.0

PRU 28 16:18:51.2, 0.0, 49.85N, 18.52E, h0km, Czech and Slovak Republics

Table listing station data for IPEC and PRU, including codes like OKC, MORC, MAUC, etc.

ISK 28 16:27:18.5, 39.59N, 26.02E, h14km, ML3.6/39

DDA 28 16:27:18.6, 0.0, 39.56N, 26.04E, h11km, ML3.3

THE 28 16:27:19.1, 39.58N, 26.04E, h10km, ML3.2/10, Error ellipse: s-maj=1.0km s-min=0.5km az=140.0

ATH 28 16:27:19.7, 39.54N, 26.02E, h18km, 2km, ML3.1/11, Error ellipse: s-maj=2.9km s-min=1.1km az=111.0

SOF 28 16:27:20.1, 39.78N, 25.80E, h2km, MD3.3

ISC 28 16:27:18.9, 0.8, 39.56N, 16.26E, 0.02, h10km, 6km, n118, r121/145, 12C-ZD, Turkey

Large table listing station data for Turkey and other regions, including codes like KOCA, GPNR, BOZC, etc.

Main table listing station data for various regions including ZEDA, PSRA, CAVK, etc., with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other details.

Table listing station data for Bougainville-Solomon Islands region, including codes like RABL, KRVT, PMG, etc.

WEL 28 16:41:36.6, 0.5, 42.5S, 174.7E, h12km, M2.0/8, ML2.2/10, MLv2.0/8, Error ellipse: s-maj=0.0km s-min=0.0km az=125.1, confirmed, Cook Strait

Table listing station data for Cook Strait region, including codes like CMWZ, BSWZ, TUWZ, etc.

NEIC 28 16:56:59.9, 0.8, 6.74N, 10.08E, 72.96W, 0.08, h162km, 12km, mb4.3/1, Error ellipse: s-maj=15.0km s-min=6.9km az=132.0

IDC 28 16:57:00.5, 0.7, 6.76N, 72.96W, h157km, 10km, mb3.2/5, mbmp3.8/7, Error ellipse: s-maj=33.3km s-min=7.4km az=131.0

RSNC 28 16:57:02.0, 1.1, 6.81N, 73.10W, h144km, 4km, ML3.4, az=131.0

ISC 28 16:56:00.0, 0.7, 6.84N, 0.03, 73.05W, 0.04, h151km, 6km, n68, r191/110, mb3.5/6, 1C-ID, Northern Colombia

Table listing station data for Northern Colombia region, including codes like BARC, PAMC, BRRC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ROSC El Rosal, HELC Santa Helena, UREC San Jos de Ur, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TINTI Ternate, SGSI Sangihe, LBMI Labuha, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSR5 Korea Array, MJAR Matsushiro Arr, USRK Ussurytsk Arr, etc.

IDC 28 17:02:28.1±2.1, 1.69N, 126.56E, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=180.5km s-min=24.9km

IDC 28 17:56:32.2±1.3, 8.36N, 58.32E, h0km, mb3.8/8, mbtmp3.8/8, MS3.6/22, Error ellipse: s-maj=4.36km s-min=23.6km az=31.0

28d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAW, WRA, ASAJ, ASAR, PETK, SNA.

IDC 28 18:45:36.2, 2.3, 5.64S, 152.85E, h0km, mb3.7/4, mbmp3.8/5, ML2.1/1, MS3.2/3, Error ellipse: s-maj=51.2km s-min=24.3km az=98.0

NEIC 28 18:45:41.3, 0.9, 5.68S, 0.06, 152.37E, 0.09, h10km, 1km, mb4.3/12, Error ellipse: s-maj=16.4km s-min=7.6km az=297.0

ISC 28 18:45:44.5, 0.9, 5.64S, 0.06, 152.37E, 0.1, h40km, n25, r19127, mb4.1/10, New Britain region

Main table for 28d 20h section, listing various station codes and their details.

IDC 28 19:11:21.4, 3.4, 5.54S, 152.34E, h57km, 24km, mb3.3/6, mbmp3.6/7, ML2.0/1, Error ellipse: s-maj=47.3km s-min=14.3km az=108.0

ISC 28 19:11:19.4, 1.1, 5.561S, 0.09, 152.4E, 0.2, h40km, n9, r19119, mb3.6/6, New Britain region

Table for 28d 20h section, listing station codes and details.

TRN 28 19:40:41.9, 10.86N, 62.07W, h95km, MD3.1 FUNV 28 19:40:41.5, 10.85N, 62.15W, h90km, MWV3.5

ISC 28 19:40:38.8, 1.5, 10.81N, 0.06, 62.19W, 0.05, h13km, 1.4km, n19, r169/31, C, Near coast of Venezuela

Table for 28d 20h section, listing station codes and details.

2017 MAR

Table with columns: BAUV, EI Baul, 6.06 253 eP, 19 42 06.5 +0.5, 19 43 10.9 -3.1, 19 42 09.6 +1.1, 19 43 15.9 -2.7

WEL 28 19:46:32.7, 0.5, 42.3S, 172.2E, h5km, ML2.1/5, ML2.3/9, MLV2.1/5, Error ellipse: s-maj=0.0km s-min=0.0km az=126.4, confirmed, South Island

Table for 2017 MAR section, listing station codes and details.

IDC 28 20:02:08.2, 1.7, 43.95N, 105.51W, h0km, mb3.5/1, mbmp3.2/4, ML3.2/3, Error ellipse: s-maj=45.1km s-min=8.4km az=147.0

NEIC 28 20:02:09.3, 1.8, 43.98N, 0.05, 105.26W, 0.06, h0km, 2km, ML3.0/6, Error ellipse: s-maj=8.8km s-min=6.6km az=344.0

ISC 28 20:05:52, Wyoming az=344.0

Main table for 2017 MAR section, listing various station codes and their details.

1626

IDC 28 20:13:41.7, 2.7, 1.63N, 127.19E, h85km, 29km, mb3.7/7, mbmp4.0/9, Error ellipse: s-maj=25.7km s-min=15.2km az=60.0

DJA 28 20:13:41.6, 0.6, 2.14N, 127.7E, h58km, 10km, M4.2/12, mb4.3/7, mb4.8/5, MLV4.2/12, Mw(mb)4.0/5

NEIC 28 20:13:42.1, 1.4, 1.73N, 0.09, 127.19E, 0.07, h94km, 7km, mb4.3/14, Error ellipse: s-maj=13.3km s-min=8.9km az=203.0

ISC 28 20:13:42.0, 0.6, 1.81N, 0.05, 127.18E, 0.06, h100km, n59, r1959/63, mb4.1/14, 1C-2D, Halmahera

Main table for 1626 section, listing various station codes and their details.

IDC 28 20:48:54.1, 1.5, 2.86S, 127.65E, h0km, mb3.7/2, mbmp3.9/4, ML3.8/2, Error ellipse: s-maj=33.7km s-min=25.4km az=78.0

DJA 28 20:48:56.6, 0.2, 3.5S, 127.8E, h10km, M4.0/15, mb4.3/5, MLV3.8/15, Mw(mb)4.0/1

ISC 28 20:48:59.1, 0.9, 2.94S, 0.05, 127.56E, 0.05, h42km, n15, r1944/19, Ceram Sea

Table for 1626 section, listing station codes and details.

WEL 28-20:51:20.3+0.6,33°S,4°17'9"W, h33km, M4.3/10, mb4.8/5, ML4.6/15, MLV4.4/10, Mw(mb)4.0/5, Error ellipse: s-maj=0.0km s-min=0.0km az=110.3, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, Time Res, h m s ISC, Pn, Sn. Includes stations like Green Lake, Matakoa Point, Pakihiroa, Te Kaha, Puketiti, Raukumarang, Tauwharepara, Kuaotunu, Carnagh Statio, Te Karaka, Matawai, Urewera, Rimuhau, Shannon Statio, Raatahuna, Aarahi, Maungataniwha, Omahuta, Aropaoanui, Black Stump Fm.

IDC 28-20:53:54.2+3.1, 4°30'S, 135°48'E, h0km, mb3.1/1, mbtmpp3.4, ML3.2/3, MS3.2/1, Error ellipse: s-maj=59.1km s-min=29.4km az=72.0, Irian Jaya region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, Time Res, h m s ISC, Pn, Sn. Includes stations like Sorong, Warramunga Arr, Charters Tower, Alice Springs, Makanchi Array.

MOS 28-20:59:54.1±1.1, 56°16'N, 156°48'W, h34km, mb5.1/55, Error ellipse: s-maj=9.2km s-min=4.3km az=92.7

NEIC 28-20:59:57.4±1.8, 56°38'N, 0°08'156°24'W, 0.4, h55km, 5km, Moment Tensor Solution. Moment tensor: Scale 10^15 Nm; Mn: 1.09; M1: 1.05; M2: 2.14; M3: 1.52; M4: 6.0; M5: 3.37; Fault plane solution: M6: 18000°/1015 NP1; 0±283.75000°, 854.09000°, 12.39000°. NP2: 0±186.41000°, 879.99000°, 143.45000°. Principal axes: T: 6.3611, P1g33.0000°, Azm139.0000°, N: -0.3811, P1g52.0000°, Azm353.0000°; P: -5.9800, P1g17.0000°, Azm240.0000°

NEIC 28-20:59:57.4±1.8, 56°38'N, 156°22'W, h54km, IDC 28-20:59:57.4±1.8, 56°56'N, 156°50'W, h42km, 14km, mb4.4/42, mbmp4.7/47, ML4.7/5, MS3.5/35, Error ellipse: s-maj=14.0km s-min=7.4km az=12.0

AEIC 28-20:59:58.3±2.0, 56°31'N, 0°08'156°24'W, 0.08, h46km, 5km, ML4.3, mb5.0/139(NEIC), ML4.4/28(NEIC), Mw4.5/34(NEIC), Error ellipse: s-maj=11.3km s-min=5.7km az=163.0

ISC 28-20:59:56.2±0.5, 56°38'N, 0°04'156°28'W, 0.03, h42km, 3km, h42km; p-P, n-791, 01946/846, mb4.9/173, MS3.5/34, 46C-10D, Alaska Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, Time Res, h m s ISC, Pn, Sn. Includes stations like Chignik, Ugashik Creek, Pilot Point, Old Harbor, Kodiak Island, Sand Point, Sand Point, Nushagak River, Kvichak River, Cape Douglas.

Table with columns: Q19K, Q20K, P18K, P18K, P16K, S12K, S12K, O16K, O16K, O17K, O17K, O18K, O18K, O18K, O18K, P19K, P19K, O19K, O19K, O19K, O19K, ILSW, HOM, HOM, HOM, CNPM, CNPM, CNPM, O20K, N16K, N16K, FALS, FALS, FALS, BRLK, BRLK, BRLK, BRSE, BRSE, BRSE, RSO, N19K, N19K, SVW2, SVW2, SVW2, CAPN, CAPN, CAPN, SLKM, SPCR, SPCR, SPU, O22K, O22K, O22K, M19K, FIS, M20K, M20K, RC01, RC01, RC01, SUSA, SUSA, SUSA, L19K, P23K, P23K, Q23K, Q23K, PWL, PWL, PWL, SKT, SKT, SKT, L20K, UNV, UNV, UNV, PMR, PMR, PMR, PMR, PMR, PMR, KNK, KNK, KNK, TTA, TTA, TTA, TTA, TTA, GHO, GHO, GHO, CUT, SML, SML, SML, PPLA, PPLA, PPLA, PPLA, EYAK, EYAK, EYAK, M23K, K20K, K20K, K20K, SCM, SCM, SCM, SCM, DIV, CAST, CAST, KLU, KLU, KLU, KTH, TRF, TRF, TRF, SP1A, SP1A, SP1A, SP1A, M24K, M24K, M24K, CHUM, RND, RND, RND

Table with columns: N25K, N25K, NIKH, NIKH, BPAW, BPAW, GLB, MCK, MCK, MCK, MCK, VRDI, HARP, MCARA, MCARA, MCARA, BWN, KIAG, PAX, PAX, PAX, PAX, BALM, BARN, NEA2, NEA2, SAMH, M26K, WRH, I21K, I21K, MLY, MLY, K24K, MENT, MENT, MENT, PINM, HDA, HDA, CCB, L26K, L26K, L26K, RIDG, RIDG, RIDG, ANM, ANM, ANM, I23K, I23K, I23K, H21K, MDM, TCOL, COLA, COLA, COLA, COLA, M27K, O28M, BCPM, DOT, PNL, PNL, PNL, IL31, ILAR, ILAR, ILAR, ILAR, SCRK, SCRK, SCRK, YUK3, YUK3, YUK3, YUK3, YUK3, YUK3, G21K, H24K, YUK6, YUK4, K27K, PRP, PRP, HYT, HYT, G23K, TNA, TNA, P30M, M29M, F21K, I26K, S31K, PLBC, N30M, G24K, EGAK, EGAK, F22K, L29M, L29M, DAWY, DAWY, O30N, G25K, SKAG, SKAG, I27K

28d 20h

M30M	Minto, Yukon	11.66	50	Pn					21 02 40.7 +0.9
M30M	Minto, Yukon	11.66	50	P	Pn				21 02 40.5 +0.7
BESSE	Bessie Mountain	11.73	70	Pn					21 02 41.7 +0.9
N31M	Braeburn, Yuko	11.73	56	Pn					21 02 42.2 +1.3
N31M	Braeburn, Yuko	11.73	56	P	Pn				21 02 42.6 +1.8
F24K	Squaw Lake	11.84	16	Pn					21 02 41.1 -1.1
S32K	Killiscoo	11.90	76	P	Pn				21 02 44.0 +1.0
R32K	Eaglecrest	11.90	72	P	Pn				21 02 43.4 +0.3
K29M	Barlow Dome	11.94	44	P	Pn				21 02 44.2 +0.5
JIS	Juneau Island	11.97	72	P	Pn				21 02 47.9 +3.9
E22K	Anaktuvuk Pass	11.98	8	P	Pn				21 02 45.8 +1.7
RDOG	Red Dog Mine	12.11	348	P	Pn				21 02 49.0 +3.1
E23K	Chandler	12.12	12	P	Pn				21 02 47.5 +1.5
G26K	Porcupine Rive	12.12	24	P	Pn				21 02 45.5 -0.5
H27K	Steamboat Moun	12.12	29	P	Pn				21 02 45.6 -0.5
E24K	Your Creek	12.27	14	P	Pn				21 02 48.0 -0.2
F25K	Christian Rive	12.29	19	P	Pn				21 02 45.9 -2.5
BMAR	Burnt Mountain	12.35	21	P	Pn				21 02 46.6 -2.6
P32M	Atlin	12.38	66	P	Pn				21 02 49.6 0.0
I29M	Ogilvie Camp,	12.51	37	P	Pn				21 02 52.4 +1.0
G27K	Doyon Strip	12.52	27	P	Pn				21 02 50.1 -1.4
M31M	Drury Creek, Y	12.58	53	P	Pn				21 02 51.4 -0.9
M31M	Drury Creek, Y	12.58	53	P	Pn				21 02 53.8 +1.5
E25K	Arctic Village	12.77	18	P	Pn				21 02 52.4 -2.4
U33K	Whale Pass	12.87	82	P	Pn				21 02 56.0 -0.2
D23K	Nanushuk River	12.88	9	P	Pn				21 02 57.2 +0.8
P33M	Teslin, Yukon	12.89	63	Pn	Pn				21 02 55.6 -1.1
P33M	Teslin, Yukon	12.89	63	P	Pn				21 02 57.8 +1.1
N32M	Quiet Lake	12.91	59	P	Pn				21 02 57.2 +0.2
FARO	Faro, Yukon	13.05	54	P	Pn				21 03 00.2 +1.4
Q32M	Nakina River	13.08	69	P	Pn				21 03 00.8 +1.4
WRAK	Wrangell Islan	13.24	80	P	Pn				21 03 01.9 +0.6
E27K	Coleen River	13.62	24	P	Pn				21 03 08.0 +1.5
EPYK	Eagle Plains	13.64	35	P	Pn				21 03 08.7 +1.8
S34M	Telegraph Cree	13.71	73	P	Pn				21 03 10.5 +2.7
D25K	Kavik River	13.72	15	P	Pn				21 03 07.0 -0.9
V35K	Ketchikan	13.87	84	P	Pn				21 03 11.0 +1.1
MMPY	Sheldon Lake,	14.09	53	P	Pn				21 03 14.7 +1.8
G30M	IAoh Zraii Nji	14.18	33	P	Pn				21 03 14.2 +0.1
DLBC	Dease Lake	14.26	71	P	Pn				21 03 16.9 +1.5
DLBC	comp=Z,1.6nm,0.3s,baz=265,slow=11,SNR=19.5			P	Pn				21 05 49.0 -3.0
DLBC	comp=Z,1.7nm,0.4s,baz=125,slow=23,SNR=2.2			P	Pn				21 08 17.4
DLBC	comp=Z,2.78nm,18.3s,baz=278,slow=35			P	Pn				21 03 16.6 +1.3
DLBC	comp=Z,2.7nm,0.5s			P	Pn				21 03 17.3 +2.0
T35M	Bob Quinn	14.29	77	P	Pn				21 03 17.1 +1.4
C27K	Jago River	14.42	18	P	Pn				21 03 17.1 -0.1
C26K	Camden Bay	14.48	16	P	Pn				21 03 17.2 -0.9
A21K	Barrow	15.01	360	P	Pn				21 03 25.2 +0.1
F31M	Tsiigehtich	15.23	34	P	Pn				21 03 27.0 +1.0
INK	Inuvik	15.81	32	P	Pn				21 03 35.3 -0.2
INK	comp=Z,1.9nm,0.3s,baz=223,slow=14,SNR=38			P	Pn				21 06 31.6 +2.2
INK	comp=Z,1.8nm,0.6s,baz=162,slow=20,SNR=1.5			P	Pn				21 12 02.0 -0.7
INK	comp=Z,1.4nm,0.7s,baz=315,slow=4.2,SNR=4.0			P	Pn				21 03 35.0 -0.5
INK	Inuvik	15.81	32	P	Pn				21 03 35.2 -0.3
INK	Inuvik	15.81	32	P	Pn				21 09 18.3
BBB	Bella Bella	16.91	93	LR	LR				21 03 56.2 +1.3
KOTAN	Kotanezele Air	17.26	64	P	Pn				21 03 54.5 -2.2
SHEM	Shekema	17.50	270	P	Pn				21 11 25.7
C36M	Paulatuk	19.28	35	P	Pn				21 04 15.5 -1.4
C36M	Paulatuk	19.28	35	P	Iamb				21 04 18.6
A36M	Sachs Harbour	20.27	28	P	Pn				21 04 17.4 +0.5
A36M	Sachs Harbour	20.27	28	P	Iamb				21 04 32.8
A36M	comp=Z,64nm,0.8s	20.27	28	P	Pn				21 04 29.0 -0.9
BILL	Bilibino	20.60	319	P	P				21 04 29.6 -1.7
BILL	Bilibino	20.60	319	P	P				21 04 30.7 -0.6
BILL	Bilibino	21 04 47.4		P	P				21 04 45.6 -1.3
BILL	Bilibino	21 04 57.3		P	P				21 08 21.0 +2.1
BILL	Bilibino	21 08 21.0		P	P				21 08 48.0
BILL	comp=Z,2.27nm,1.0s			P	P				
BILL	comp=Z,88nm,15.0s			P	P				
YKA	Yellowknife Ar	21.73	56	P	P				21 04 44.3 +0.8
YKA	comp=Z,1.7nm,0.5s,baz=273,slow=9.7,SNR=352			P	P				21 08 43.2 +0.7
YKA	comp=Z,1.3nm,0.7s,baz=273,slow=1.9,SNR=6.2			P	P				21 12 15.2 -0.7
YKA	comp=Z,0.9nm,0.7s,baz=277,slow=2.1,SNR=12			P	P				21 14 39.2
EDM	Edmonton	24.64	79	P	P				21 05 10.9 -1.7
EDM	Edmonton	24.64	79	P	Iamb				21 05 15.3
EDM	Edmonton	24.64	79	P	P				21 05 10.9 -1.7
EDM	comp=Z,38nm,0.8s	24.64	79	P	P				
NEW	Newport	24.98	92	P	P				21 05 17.3 +1.7
NEW	comp=Z,9.8nm,0.8s,baz=286,slow=7.9,SNR=9.4	24.98	92	P	P				21 13 36.9
NEW	comp=Z,1.29nm,18.0s,baz=305,slow=33			P	P				
NEW	Newport	24.98	92	P	P				21 05 18.0 +2.4
PET	Petropavlovsk	25.90	282	eP	P				21 05 23.0 -0.8
PET	PET			eS	P				21 09 43.6 -7.1
PET	comp=Z,97nm,0.9s			eS	P				
PET	comp=Z,100nm,10.0s			eS	P				
YBH	Yreka Blue Hor	26.10	110	P	P				21 05 28.8 +2.9
YBH	comp=Z,2.4nm,0.7s,baz=353,slow=3.5,SNR=5.1			P	P				21 13 37.2
SEY	Seymchan	26.11	306	P	P				21 05 24.3 -1.4
SEY	comp=Z,14nm,0.6s,baz=35,slow=9.6,SNR=68			P	P				
SEY	Seymchan	26.11	306	eP	P				21 05 24.2 -1.5

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SEY	comp=Z,2.1nm,1.0s			pmax	pmax				
PEAOB	Petropavlovsk	26.38	282	P	Iamb				21 05 26.5 -1.7
PEAOB	comp=Z,64nm,1.3s			P	Iamb				21 05 29.2
PEAOB	Petropavlovsk	26.38	282	P	pmax				21 05 26.5 -1.7
PEAOB	comp=Z,64nm,1.3s			P	pmax				
PETK	Petropavlovsk	26.38	282	P	P				21 05 27.3 -1.0
PETK	comp=Z,15nm,0.7s,baz=79,slow=12,SNR=30			LR	LR				21 15 51.0
PETK	comp=Z,49nm,19.8s,baz=81,slow=36								
PETK	comp=Z,15nm,0.7s	26.38	282	P	P				21 05 27.0 -1.2
PETK	Petropavlovsk	26.38	282	P	P				21 05 27.0 -1.2
MSO	Missoula	27.56	92	P	P				21 05 37.6 -1.4
MSO	Missoula	27.56	92	P	P				21 05 40.2 +1.2
MA2	Magadan	27.64	299	P	P				21 05 39.0 -0.4
MA2	comp=Z,1.1nm,0.7s,baz=85,slow=8.9,SNR=8.3			LR	LR				21 17 32.2
MA2	comp=Z,59nm,18.8s,baz=97,slow=38								
MA2	Magadan	27.64	299	eP	P				21 05 39.3 -0.2
MA2	comp=Z,11nm,0.7s			pmax	pmax				
MA2	comp=Z,14nm,1.0s								
EGMT	Eagleton	29.21	87	P	P				21 05 55.1 +1.5
RES	Resolve Bay	29.32	28	P	P				21 05 54.3 +0.1
RES	Resolve Bay	29.32	28	P	P				21 05 54.3 +0.1
RES	Resolve Bay	29.32	28	P	P				21 05 54.3 +0.1
RES	Resolve Bay	29.32	28	P	P				21 05 56.0 +1.1
RES	Resolve Bay	29.32	28	P	P				21 05 58.9 +1.8
RES	Resolve Bay	29.32	28	P	P				21 05 58.9 +1.8
RES	Resolve Bay	29.32	28	P	P				21 06 11.2 +3.4
ELK	Elko	30.79	103	P	P				21 06 11.8
ELK	comp=Z,2.3nm,0.7s,baz=312,slow=6.3,SNR=6.7			LR	LR				21 17 41.8
ELK	comp=Z,2.73nm,18.8s,baz=268,slow=34								
ELK	comp=Z,2.3nm,0.7s	30.82	109	P	P				21 06 11.4 +3.3
NVAR	Minj Array	30.82	109	P	P				21 09 04.8 +0.5
NVAR	comp=Z,6.2nm,0.7s,baz=305,slow=8.6,SNR=40			PcP	PcP				
NVAR	comp=Z,0.9nm,0.7s,baz=284,slow=1.8,SNR=4.0								
NVAR	Minj Array	30.82	109	P	P				21 06 07.5 -0.6
H17A	Grant Village	30.92	93	P	P				21 06 12.9 +3.9
IMW	Indian Meadow	31.04	94	P	P				21 06 10.5 +0.4
FLWY	Flagg Ranch	31.05	94	P	Iamb	Iamb			21 06 10.1 -0.1
FLWY									21 06 14.4
RLMT	Red Lodge	31.19	91	P	P				21 06 12.3 +1.0
RLMT	Red Lodge	31.19	91	P	P				21 06 13.5 +2.2
DSP	Deep Springs	31.79	110	P	P				21 06 15.3 -1.0
TIN	Tinemaha, Big	31.89	111	P	P				21 06 18.9 +1.4
LAO	LASA Array	31.94	86	P	P				21 06 19.5 +1.8
DGM	Dagmar	32.03	82	P	P				21 06 20.1 +1.7
R11B	Troy Canyon, C	32.32	106	P	P				21 06 23.7 +2.5
FCC	Fort Churchill	32.38	59	P	P				21 06 22.3 +0.9
FCC	Fort Churchill	32.38	59	P	P				21 06 22.3 +0.9
FCC				pmax	pmax				
CWC	comp=Z,1.1nm,0.8s	32.44	112	P	P				21 06 23.3 +1.0
CWC	comp=Z,1.1nm,0.8s								
DUG	Dugway, Tere	32.49	101	P	P				21 06 24.3 +1.6
DUG	comp=Z,12nm,0.6s,baz=312,slow=4.9,SNR=88			PcP	PcP				
BW06	Boulder Array	32.54	95	P	P				21 06 25.2 +2.0
PD31	Pinedale Array	32.54	95	P	Iamb	Iamb			21 06 24.8 +1.6
PD31									21 06 26.2
PDAR	Pinedale Array	32.54	95	P	P				21 06 25.4 +2.3
PDAR	comp=Z,1.2nm,0.6s	32.54	95	P	P				21 09 09.0 +0.1
PDAR	comp=Z,1.2nm,0.6s,baz=48,slow=1.3,SNR=2.7			LR	LR				21 17 47.0
PDAR	comp=Z,5.7nm,19.1s,baz=324,slow=33								
PDAR	Pinedale Array	32.54	95	P	P				21 06 24.2 +1.1
PDAR	comp=Z,1.2nm,0.6s			PcP	PcP				21 09 09.0 +0.1
TPNV	Topopah Spring	33.01	109	P	P				21 06 29.8 +2.6
MPMC	Manual Prospec	33.04	111	P	P				21 06 30.3 +2.7
MPMC	comp=Z,320,SNR=7.2								
LRMC	Laurel Mtn Rad	33.38	112	P	P				21 06 32.4 +1.9
TIXI	Tiksi	33.46	326	P					

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MDOK Medeo, AAA Alma-Ata, SDDR Presa de Saban, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CONA Conrad Observa, TRPA Tarpa, BTBK Batken, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CSS Mathiatis, EIL Elat, WRA Warramunga Arr, etc.

29d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like PUZ, HAZ, RWGZ, etc.

IDC 29 00:08:54.0 ± 1.2, 16°38'N; 170°W, h0km, mb3.7/5, mbtmp3.9/8, ML4.0/3, Error ellipse: s-maj=29.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like BBTS, DBIC, TORD, etc.

SJA 29 00:19:37.1 ± 1.2, 19°16'S; 68°16'W, h130km, 12km, ML3.8, MW3.8, Hypocentre not reviewed by the ISC

IDC 29 00:19:38.1 ± 0.9, 19°16'S; 68°59'W, h126km, 9km, mb3.9/8, mbtmp4.3/12, MS3.4/2, Error ellipse: s-maj=22.0km

NEIC 29 00:19:38.0 ± 1.5, 19°56'S; 0°04'68'W, h0.08, h128km, 2km, mb4.4/21, ML4.0(GUC), Error ellipse: s-maj=11.3km

GUC 29 00:19:38.0 ± 0.5, 19°54'S; 68°86'W, h127km, 2km, ML4.0, VAO 29 00:19:39.0 ± 0.4, 19°33'S; 68°77'W, h130km, mb4.0

ISC 29 00:19:37.3 ± 0.6, 19°55'S; 0°03'68'W, h0.06, h128km, 6km, n126, r129/141, mb4.5/13, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like PB08, PB11, PB15, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like AP01, PB02, PB18, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like RUSC, BAUV, PCRV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like H08S1 Diego Garcia H, H01W2 Cape Leeuwin H, etc.

IDC 29 01:28:40.6;1.9,8'16S;.121.37E,h221km,20km,mb3.3/4, mbtm3.4/7, Error ellipse: s-maj=50.0km s-min=12.5km az=58.0

ISC 29 01:28:38.5;1.0,8.3S;.0.11.124E;0.2,h200km,n9, az=69/10,mb3.7/4, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like KAPPANG, SAUJ Sorong, WRA Warramunga Arr, etc.

NNC 29 01:33:18.0;7.1,37.72N;.72.28E,h0km,mb3.6,mpv3.2, 3C-13, Error ellipse: s-maj=49.0km s-min=35.4km az=6.0, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like AML Almayashu, IUG luzhay, MRKS Mierke, etc.

IDC 29 01:57:47.3;2.0,5'90S;.130.38E,h0km,mb3.9/1, mbtm3.9/3,ML3.8/2, Error ellipse: s-maj=93.2km s-min=30.3km az=70.0

NEIC 29 01:58:03.4;1.4,6.51S;.0.10.129.67E;0.05,h141km,13km, mb4.2/9, Error ellipse: s-maj=15.0km s-min=5.5km az=161.0

ISC 29 01:58:02.9;0.9,6.57S;.0.08.129.71E;0.10,h150km,n23, az=137/24, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like SAUI Saumiaki, FAEI Fak Fak, SOEI Sae, etc.

IDC 29 02:23:50.8;2.5,37.21N;.72.58E,h0km,mb3.5/2, mbtm3.4/7,ML3.3/4,MS3.5/2, Error ellipse: s-maj=45.3km s-min=23.1km az=132.0

NNC 29 02:24:01.2;5.1,38.09N;.72.34E,h0km,mb3.7,mpv3.3, Error ellipse: s-maj=39.6km s-min=31.9km az=145.0

ISC 29 02:23:59.5;2.0,38.0N;.0.72.21E;0.10,h10km,n16, az=298/16,mb3.5,5C-3D,Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like AML Almayashu, AML 3.2m,0.7s, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like AAK 2.0m,0.3s,baz=201,slow=10.0,SNR=15, AAK 0.4m,0.3s,baz=351,slow=22,SNR=2.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like AB31 Akbulak Arr, BVAR Borovoye Arr, AKTO Aktyubinsk, etc.

IDC 29 02:27:40.5;3.5,7.36S;.156.76E,h0km,mb4.0/4, mbtm4.0/4, Error ellipse: s-maj=96.7km s-min=36.4km az=111.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, H11S3 WAKE ISLAND Hy, etc.

WEL 29 02:33:49.3;38.9S;.0.9.17.6E;h8km,1km,M3.3/38, ML3.6/38,MLV3.3/38, Error ellipse: s-maj=0.0km s-min=0.0km az=80.2, confirmed, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like KATZ Kakaramea, RATZ Rangitukua, RITZ Rihia Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like KHEZ Kahui Hut, DVHZ Dannevirke, PXZ Pawanui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like KHEZ Kahui Hut, DVHZ Dannevirke, PXZ Pawanui, etc.

IDC 29 02:37:34.1;1.6,7.20S;.156.57E,h0km,mb4.1/5, mbtm4.1/5,MS3.4/1, Error ellipse: s-maj=48.2km s-min=30.7km az=113.0

ISC 29 02:37:40.1;1.7,7.25S;.0.3.156.64E;0.4,h35km,n14, az=0/80,mb4.1/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, H11S3 WAKE ISLAND Hy, etc.

IDC 29 02:38:22.8;3.5,7.27S;.156.73E,h0km,mb4.2/4, mbtm4.2/4,MS3.6/2, Error ellipse: s-maj=96.9km s-min=38.2km az=110.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like HNR Honiara, DZM Mot Dzumak, WRA Warramunga Arr, etc.

DDA 29 02:39:07.9;0.0,36.90N;.26.33E,h7km,4km,ML2.2, ATH 29 02:39:09.6,36.93N;.26.38E,h12km,4km,ML2.5/2, Error ellipse: s-maj=4.8km s-min=1.3km az=62.0

THE 29 02:39:09.8,36.93N;.26.41E,h10km,1km,ML2.3/3, Error ellipse: s-maj=1.8km s-min=0.9km az=49.0

ISK 29 02:39:11.3,36.95N;.26.62E,h20km,ML2/10, Error ellipse: s-maj=1.4km s-min=0.7km az=49.0

ISC 29 02:39:09.4;1.1,36.92N;.0.02.26.41E;0.03,h14km,9km, n14, az=71/55, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like KOSK Kos Island, KOSK 358m,0.4s, KOSK Kos Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kayabasi, Aydin, Didim, Samos, Thra, Santorini, etc.

ISK 29 02:44:06.8, 37.49N, 26.70E, h21km, ML2.9/14
DDA 29 02:44:06.8, 37.49N, 26.70E, h7km, ML2.7
ATH 29 02:44:07.5, 37.51N, 26.71E, h17km, 3km, ML3.0/4, Error ellipse: s-maj=4.6km s-min=0.9km az=65.0

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

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

NOU 29 02:55:29.7, 28.37S, 136.06E, h0km, MLv4.2/10, South Australia
AUST 29 02:55:30.2, 0.6, 28.28S, 136.08E, h10km, Error ellipse: s-maj=0.0km s-min=0.0km az=51.0

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

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

WEL 29 03:12:05.9, 0.9, 39S, 5.5, 176E, h3km, 4km, ML3.5/6, MLV3.5/6, Error ellipse: s-maj=0.0km s-min=0.0km az=136.9, confirmed, North Island

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

NOU 29 03:17:49.5, 38.60S, 176.40E, h0km, MLv3.3/6, North Island, New Zealand
WEL 29 03:17:56.8, 39S, 1.7, 176E, h6km, 2km, M2.5/6, ML2.8/6, MLV2.5/6, Error ellipse: s-maj=0.0km s-min=0.0km az=65.6, confirmed

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RATZ, KATZ, WATZ, RITZ, etc.

BUJ 29 03:30:21.3...0.2'34N;126.12E,h122km,mb5.2/76, mB5.1/51
MAN 29 03:30:23.4...2'64N;126.00E,h109km,mb6.0,ML5.1, M55.6
KLM 29 03:30:25.3...01N;126.33E,h116km,mb5.5
IDC 29 03:30:25.1...1.1,2.77N;125.88E,h107km,9km,mb.9/51, mltmp5.3/54,M53.8/1, Error ellipse: s-maj=9.6km s-min=5.9km az=67.9

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

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAKI, RPSI, RCP, SMKI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, WB2, WBE, etc.

29d 3h

Table with columns for station name, location, time, and various data points. Includes stations like Kunming, Monobe, Saijiyo, Morawa, etc.

2017 MAR

Table with columns for station name, location, time, and various data points. Includes stations like Roma, BBOO, BBOO, etc.

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Table with columns for station name, location, time, and various data points. Includes stations like Ermo, ARPS, ARPS, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like GKN Gorkha, LIFNC LIFOU, ONTNC Ouen Toro, etc.

2017 MAR

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like MKAR Makanchi Array, TARG Taragay, SATY Saty, etc.

29d 3h

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like BKZ Black Stump Fm, SEY Seymchan, IUG Iuzhnay, etc.

29d 3h

Table with columns for station ID, name, coordinates, and status. Includes stations like N16K Nishlik Lake, RDOG Red Dog Mine, P16K Nushagak River, etc.

2017 MAR

Table with columns for station ID, name, coordinates, and status. Includes stations like BRSE Bradley Lake S, F22K John River, SUA Susitna One, etc.

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Table with columns for station ID, name, coordinates, and status. Includes stations like OBN OBN, F26K Sheenjek River, C27K Jago River, etc.

TGUH	Teeguigalpa,Un	9.81 332	Pn	Pn	03 51 21.9 -0.3
LLIC	La Loma 1 Cana	9.91 64	eP	Pn	03 51 26.3 +2.7
COEB	Comit de Eme	9.99 325	eP	Pn	03 51 27.6 +2.9
PAMC	Pamplona, Colo	10.06 78	eP	Pn	03 51 29.7 +3.7
PQSS	Presas 15 de Se	10.11 325	eP	Pn	03 51 25.4 -0.8
TECO	Alcaldia - Tico	10.17 324	eP	Pn	03 51 29.6 +2.5
SCLA	Alcaldia de G	10.27 325	eP	Pn	03 51 31.4 +2.9
GUVG	San Jose del G	10.35 105	eP	Pn	03 51 30.0 +0.5
SJTE	Alcaldia de S	10.37 323	eP	Pn	03 51 32.0 +2.2
PAVA	Las Pavas	10.40 324	eP	Pn	03 51 33.2 +2.9
SNET	Serv Nac Est T	10.56 322	eP	Pn	03 51 33.5 +1.0
JAYA	Jayaque - Tico	10.57 324	eP	Pn	03 51 31.4 +2.5
CEVE	Corro Verde	10.91 321	eP	Pn	03 51 40.2 +2.8
CRUC	Correjon, Guaj	11.17 59	eP	Pn	03 51 42.2 +1.3
ESQI	Esquipulas	11.31 325	eP	Pn	03 51 44.3 +1.5
URIC	Uribia, Colombo	12.27 58	eP	Pn	03 51 56.5 +0.7
SDV	Santo Domingo	12.41 73	Pn	Pn	03 51 58.7 +0.8
	2.1nm, 0.3s, baz=242, slow=8.9, SNR=73				
SDV				Sn	03 54 12.8 -3.3
	0.9nm, 0.3s, baz=231, slow=19, SNR=1.9				
SDV				LR	03 56 37.5
	comp=Z, 2um, 19.6s, baz=246, slow=37				
	105nm, 0.8s				
SDV	Santo Domingo	12.41 73	Pn	Pn	03 51 59.5 +1.6
SDV	Santo Domingo	12.41 73	eP	Pn	03 51 59.6 +1.7
ATAH	Atahuapa	13.08 161	eP	Pn	03 52 07.1 -0.1
	2.2nm, 0.3s, baz=344, slow=11, SNR=18				
ATAH				LR	03 56 43.7
	comp=Z, 7um, 19.9s, baz=337, slow=36				
	52nm, 0.8s				
PETF	Flores	13.53 329		Pn	03 52 16.4 +3.4
CCIG	Comitan	14.34 320	Pn	Pn	03 52 25.8 +1.4
BAUV	EJ Baul	14.90 75	Pn	Pn	03 52 30.3 -1.6
HATO	Hato, Curacao	15.12 62		Pn	03 52 33.1 -1.6
TEIG	Teichich	15.80 340	Pn	Pn	03 52 43.8 +0.3
TBTG	Tabatinga, AM	15.83 126	eP	Pn	03 52 41.6 -2.4
TBTG	Tabatinga, AM	15.83 126	eP	Pn	03 52 42.1 -2.1
GTBY	Guantanamo Bay	16.25 26	Pn	Pn	03 52 48.4 -0.9
CZSB	Cruzeiro do Su	16.31 143	Pn	Pn	03 52 48.5 -1.7
CZSB				Iamb	03 52 51.1
	comp=Z, 319nm, 1.2s				
CZSB	Cruzeiro do Su	16.31 143	eP	Pn	03 52 48.9 -1.3
SGCS	Sto Gabriel d	16.48 109	eP	Pn	03 52 50.4 -2.0
PAPH	Port-au-Prince	16.54 37	Pn	Pn	03 52 53.0 -0.1
CMIG	Martias Romero	16.76 315	Pn	Pn	03 52 54.0 -1.9
	comp=Z, 0.1nm, 0.3s, baz=131, slow=8.9, SNR=18				
CMIG				LR	03 58 26.0
	comp=Z, 2um, 19.6s, baz=130, slow=34				
	comp=Z, 1.6nm, 1.1s				
SOR	Soroa	17.37 359	P	Pn	03 53 04.0 +0.5
SDR	Presas de Saban	17.50 38		Pn	03 53 05.2 -0.1
SDR				Iamb	03 53 09.9
	comp=Z, 2.42nm, 1.5s				
NNA	Nana	18.14 162	P	Pn	03 53 12.4 -0.7
	comp=Z, 2.2nm, 0.3s, baz=335, slow=9.2, SNR=27				
NNA				LR	03 59 36.7
	comp=Z, 1um, 19.2s, baz=318, slow=35				
	comp=Z, 1.48nm, 1.0s				
NNA	Nana	18.14 162	Pn	Pn	03 53 12.0 -1.0
NNA				Iamb	03 53 17.2
	comp=Z, 1.96nm, 1.1s				
SC01	Santiago de lo	18.18 39	Pn	Pn	03 53 12.7 -0.9
PCRV	Puerto La Cruz	18.45 74	P	Pn	03 53 17.4 +0.4
	comp=Z, 1.1nm, 0.3s, baz=108, slow=3.6, SNR=7.7				
PCRV				LR	04 01 58.9
	comp=Z, 2um, 20.0s, slow=42				
	comp=Z, 1.17nm, 1.2s				
PCDR	Punta Cana, DR	19.10 45	P	P	03 53 21.6 -2.4
CRPR	Cabo Rojo, PR	19.71 49	P	P	03 53 29.9 -0.7
CRPR				Iamb	03 53 34.7
	comp=Z, 1.20nm, 1.1s				
MLPR	Magueyes Isla	19.74 49	P	P	03 53 31.2 +0.3
MLPR				Iamb	03 53 35.8
	comp=Z, 1.10nm, 0.9s				
TLIG	Tiapa	19.78 309	P	P	03 53 32.0 +0.6
PRSN	Puerto Rico Se	19.82 48	P	P	03 53 32.0 +0.3
PRSN				Iamb	03 53 35.3
	comp=Z, 2.74nm, 1.4s				
AGPR	Aguadilla, PR	20.00 48	P	P	03 53 32.5 -1.2
TEFE	Tete	20.00 116	eP	P	03 53 34.0 +0.3
OBIP	Obispo Ponce	20.11 50	P	P	03 53 34.3 -0.7
OBIP				Iamb	03 53 37.7
	comp=Z, 1.28nm, 0.9s				
CELP	Cerrillos	20.15 50	P	P	03 53 35.5 +0.1
CELP				Iamb	03 53 49.1
	comp=Z, 1.59nm, 1.1s				
UUUP	Utado, UPR, P	20.15 49	P	P	03 53 36.2 +0.7
AOPR	Arecibo Observ	20.19 49	P	P	03 53 36.4 +0.6
EMJP	Esperanza - Ma	20.40 43	P	P	03 53 38.4 0.0
SJG	San Juan 50	20.50 50	P	P	03 53 40.2 +1.0
	comp=Z, 1.86nm, 1.0s, baz=252, slow=5.3, SNR=72				
SJG				LR	04 00 31.4
	comp=Z, 770nm, 21.5s, baz=231, slow=34				
	comp=Z, 1.66nm, 1.0s				
SJG	San Juan	20.50 50	P	P	03 53 39.6 +0.4
GCPR	Guaynabo City	20.57 50	P	P	03 53 41.6 +0.6
HUMP	Col San Antoni	20.75 51	P	P	03 53 42.5 +0.6
CBYP	Canovanas	20.82 50	P	P	03 53 43.1 +0.4
ITP	Monte Pirata	20.96 51	P	P	03 53 43.5 +0.4
CUPR	Culebra, Puert	21.29 51	P	P	03 53 48.3 +0.6
CUPR				Iamb	03 53 52.7
	comp=Z, 87nm, 0.9s				
CDVI	St. Croix	21.38 53	P	P	03 53 49.9 +1.2
CDVI	St. Croix	21.38 53	eP	P	03 53 46.2 -2.5
TRN	Trinidad (W)	21.66 75	eP	P	03 54 27.7 -9.1
GRGR	Greenville	21.79 71	eP	P	03 54 00.4 +7.3
GRHS	Sauteurs	21.82 70	eP	P	03 53 56.4 +2.9
GCMP	Grenada, Carri	22.10 70	eP	P	03 53 57.8 +1.3
GCMP	Grenada, Carri	22.10 70	eS	S	03 58 03.3 +3.4
ETMB	Extrema	22.22 133	eP	P	03 54 06.4 -0.4
ETMB	Extrema	22.22 133	eP	P	03 53 57.2 -0.5
BOAV	Boa Vista	22.24 97	P	P	03 53 58.1 +0.1
BOAV				Iamb	03 54 11.2
	comp=Z, 92nm, 1.5s				
BOAV	Boa Vista	22.24 97	eP	P	03 53 58.6 +0.6
SVB	Belmont	22.50 68	eP	P	03 54 01.2 +0.5
SVB	Belmont	22.50 68	eP	P	03 53 58.4 -0.4
SABA	Saba	22.55 56	eP	P	03 53 58.2 -3.1
DWPF	Disney Wildern	22.69 3	P	P	03 54 03.7 +1.2
DWPF				Iamb	03 54 06.9
	comp=Z, 1.75nm, 1.4s				
DWPF	Disney Wildern	22.69 3	P	P	03 54 02.9 +0.3
	baz=183				
DWPF	Disney Wildern	22.69 3	P	P	03 54 05.3 +2.7
	baz=183, SNR=7.9				
SMRT	St. Maarten	22.90 55	P	P	03 54 05.6 +0.6
MLYT	Lee's Yard	23.00 59	eP	P	03 53 55.8 -1.0
SLBI	Saint Lucia, B	23.00 66	eP	P	03 54 05.1 -1.0
BIM	Bigot	23.09 65	eP	P	03 54 07.7 +0.7
BIM	Bigot	23.09 65	eP	P	03 54 07.7 +0.7
FDI	Fort de France	23.09 65	eP	P	03 54 06.4 -0.7
FDI	Fort de France	23.09 65	eP	P	03 54 11.8 +4.8
FDI	Fort de France	23.09 65	eS	S	03 58 23.4 +5.4
GDHS	Morne Mazeau,	23.16 60	P	P	03 54 08.4 +0.6
GDHS				Iamb	03 54 11.2
	comp=Z, 1.46nm, 1.3s				
CBE	Ff, Capester	23.21 61	P	P	03 54 08.6 +0.4
CBE	Ff, Capester	23.21 61	eP	P	03 53 59.0 -9.2
MPOM	Morne Pois Mar	23.25 65	eP	P	03 54 09.0 +0.5
MPOM	Morne Pois Mar	23.25 65	eP	P	03 54 03.3 -5.3
ILAM	Ilet Lapin Mar	23.36 65	eP	P	03 54 13.8 +3.9
IAGL	Barre de Ilet	23.45 62	eP	P	03 54 09.3 +0.3
MACA	Manacapuru-AM	23.48 111	P	P	03 54 10.1 -0.8
MACA	Manacapuru-AM	23.48 111	eP	P	03 54 10.6 -0.3
ABD	La Joyeuse, An	23.49 60	eP	P	03 54 08.8 -2.2
ANBD	Bethesda, Anti	23.51 59	eP	P	03 53 58.4 -1.3
ANWB	Willy Bob	23.57 57	eP	P	03 54 11.2 -2.5
656A	Willston	23.91 0	P	P	03 54 14.2 -0.7
656A				Iamb	03 54 37.3
	comp=Z, 62nm, 1.2s				
656A	Willston	23.91 0	P	P	03 54 16.2 +1.3
	baz=180				
SAML	Samuel	24.01 126	P	P	03 54 15.1 -0.9
SAML	Samuel	24.01 126	eP	P	03 54 14.8 -1.2
BBGH	Gun Hill	24.03 70	eP	P	03 54 15.3 -0.9
553A	Crawfordville	24.79 356	P	P	03 54 23.8 +0.9
553A				Iamb	03 54 26.7
	comp=Z, 7.6nm, 1.1s				
553A	Crawfordville	24.79 356	P	P	03 54 24.3 +1.4
	baz=176, SNR=8.8				
456A	Hilliard	25.27 1	P	P	03 54 27.6 +0.3
456A				Iamb	03 54 32.2

451A	Vernon	25.33 354	P	P	03 54 29.4 +1.6
451A	Vernon	25.33 354	P	P	03 54 29.7 +2.0
	baz=173, SNR=6.4				
LPAZ	La Paz	25.82 147	P	P	03 54 33.4 +0.3
	comp=Z, 15nm, 0.8s, baz=346, slow=6.5, SNR=19.9				
LPAZ				LR	04 05 51.5
	comp=Z, 4um, 20.1s, baz=306, slow=39				
LPAZ	La Paz	25.82 147	P	P	03 54 33.3 +0.3
LPAZ				Iamb	03 54 46.2
	comp=Z, 50nm, 1.2s				
ZAIG	Zacatecas	25.92 314	P	P	03 54 34.7 +1.1
ZAIG				Iamb	03 54 40.0
	comp=Z, 55nm, 1.4s				
TIGA	Tifton	25.99 358	P	P	03 54 33.9 +0.1
TIGA				Iamb	03 54 35.8
	comp=Z, 60nm, 1.4s				
TIGA	Tifton	25.99 358	P	P	03 54 34.5 +0.7
	baz=178				
TIGA	Tifton	25.99 358	P	P	03 54 34.6 +0.7
	baz=178				
352A	Blakely	26.11 356	P	P	03 54 35.9 +0.9
352A				Iamb	03 54 37.0
	comp=Z, 81nm, 1.1s				
352A	Blakely	26.11 356	P	P	03 54 35.8 +0.9
	baz=175, SNR=9.4				
PB18	Visiviri	26.21 151	P	P	03 54 37.1 +0.6

29d 3h

2017 MAR

1646

Table with columns: Station, Frequency, Class, Mode, Power, and other details. Includes stations like ODSA Odessa, POST Post, TUL1 Leonard, etc.

Table with columns: Station, Frequency, Class, Mode, Power, and other details. Includes stations like SSPA Standing Stone, N49A Columbus Grove, N49A Columbus Grove, etc.

Table with columns: Station, Frequency, Class, Mode, Power, and other details. Includes stations like SDCO Great Sand Dun, J58A Remsen, J58A Remsen, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like IKP In-Ko-Pah, SDBA SAO DESIDERIO, PKME Peaks-Kenny Pk, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like ISA Isabella, Lake, GRAC Grapevine Rang, VAO Valinhos, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like BESE Bessie Mountain, P32M Atin, S31K Pelican, etc.

1655

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LSA, OSI, BUTP, E28A, etc.

2017 MAR

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ANGG, NSS, V12A, BBRC, etc.

29d 4h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BTK, SHL, SWSC, ISCO, etc.

Table with columns for station ID, name, frequency, power, and status. Includes stations like BOK, 319A, JFWs, etc.

Table with columns for station ID, name, frequency, power, and status. Includes stations like L44A, L44A, CROK, etc.

Table with columns for station ID, name, frequency, power, and status. Includes stations like O44A, TUL1, TUL1, etc.

29d 4h

2017 MAR

1658

Table with columns: SBUM, comp, IAMS_20, IAMS_20, 04 50 08.1, SBUM, Sibiu, Helgoland, U40A, U40A, N49A, N49A, N49A, EKA, M50A, M50A, M50A, ESK, ESK, ESK, ESK, MNT0, FW03, OLIL, OLIL, O48B, O48B, O48B, KVAR, KVAR, KIV, KIV, KIV, KIV, KIV, KIV, KIV, KIV, X37A, X37A, D62A, D62A, D62A, PEKO, KBZ, KBZ, KBZ, TX31, TX31, TXAR, TXAR, TXAR, Z35A, Z35A, AKT, AKT, AKT, AKT, AKT, NEWS, NEWS, SHA1, BMNY, BMNY, FW06, BLO, S44A, S44A, DGPR, DGPR, E62A, E62A, E62A, E62A, J55A, J55A, J55A, J55A, O49A, O49A, O49A

Table with columns: O49A, baz=327, RUE, RUE, RUE, LONY, LONY, LONY, FW07, M52A, M52A, GAL1, GAL1, ERPA, ERPA, ERPA, ERPA, P48A, P48A, P48A, FRNY, PBMO, PBMO, WCNV, WCNV, GDLE, N51A, N51A, N51A, N51A, SEKA, NEY, NEY, KESW, KESW, LVV, LVV, LVV, LVV, LVV, LVV, LVV, LVV, BHPL, BHPL, J56A, J56A, J56A, J56A, P49A, P49A, P49A, LCAR, LCAR, WVNY, M53A, M53A, M53A, FW13, F62A, F62A, F62A, ALLY, E63A, E63A, E63A, ONI, ONI, ONI, RETH, ACSO, ACSO, ACSO, ACSO, J57A, J57A, J57A, J57A, MIAR, MIAR, MIAR, MIAR, FW14, BKB, BKB, BKB

Table with columns: FLTG, FLTG, FLTG, SORM, SORM, MNGR, NRDL, NRDL, HPIG, NCB, NCB, HPK, WHTX, WHTX, WHTX, WHTX, ANN, ANN, ANN, ANN, ANN, ANN, T45B, T45B, WIM, JCT, JCT, JCT, JCT, WCI, WCI, WCI, WCI, WCI, WCI, WCI, WCI, WCI, ASSE, ASSE, OJC, OJC, OJC, OJC, VTI, VTI, N53A, N53A, N53A, N53A, K57A, K57A, X40A, X40A, SLBS, SLBS, F64A, F64A, F64A, F64A, DRNL, DRNL, SOC, SOC, SOC, SOC, SOC, J59A, J59A, J59A, J59A, GANJ, KSM, L56A, L56A, KSP

29d 4h

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like PRU Prunhonic, GO Pecny, Ondr, HLMI Long Mynd, etc.

2017 MAR

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like MANZ Trest, PLAL Pickwick Lake, VYHS Vyhne, etc.

1660

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like TLCR Schela, SCHL Cluj-Babes-Bol, MODS Modra-Piesok, etc.

X48A	baz=327	S	S	04 30 02.1	-1.1		
PANJ	Princeton baz=331,SNR=34	71.74	43	P	P	04 20 43.1	-1.2
PANJ	baz=331	S	S	04 29 59.1	-4.1		
TUPA	Temple Unvers baz=331,SNR=48	71.74	43	P	P	04 20 42.9	-1.5
BAYT	Aydimtepe-Bayb comp=Z,81nm,1.3s	71.74	317	i	P	04 20 45.3	+0.6
RCHB	Rochefort comp=Z,81nm,1.3s	71.74	345	d	P	04 20 43.8	-0.4
L64A	Middleborough comp=Z,647nm,1.4s	71.76	39	Iamb	Iamb	04 20 46.8	
L64A	Middleborough baz=332,SNR=41	71.76	39	P	P	04 20 43.8	-0.6
L64A				P	P	04 20 43.8	-0.6
SDMO	Soldier's Dell baz=330,SNR=95	71.77	45	P	P	04 20 43.3	-1.3
V51A	Loudon comp=Z,815nm,1.2s	71.77	52	Iamb	Iamb	04 20 53.3	
V51A	Loudon baz=328,SNR=188	71.77	52	P	P	04 20 44.2	-0.5
V51A				S	S	04 30 02.5	+1.3
M63A	Gales Ferry comp=Z,534nm,1.2s	71.80	40	Iamb	Iamb	04 20 46.5	
M63A	Gales Ferry baz=332,SNR=30	71.80	40	P	P	04 20 43.8	-1.0
M63A				P	P	04 20 43.8	-1.0
M63A				S	S	04 30 00.4	-3.6
M63A				S	S	04 30 00.4	-3.6
MLR	Muntele Rosu 71.81 330	71.81	330	i	P	04 20 46.1	+1.2
MLR	Muntele Rosu 71.81 330	71.81	330	P	P	04 20 45.2	+0.3
MLR				S	S	04 30 07.3	+3.1
MLR	comp=Z,1.2nm,0.4s,baz=358,slow=16,SNR=1.4			LR	LR	04 55 51.0	
MLR	comp=Z,82um,19.4s,baz=22,slow=39						
MLR	Muntele Rosu 71.81 330	71.81	330	P	P	04 20 45.4	+0.5
342B	Flagon Creek P baz=328,SNR=82	71.86	53	Iamb	Iamb	04 20 45.9	+0.8
W50A	Signal Mountai comp=Z,382nm,0.9s	71.86	53	P	P	04 20 44.7	-0.6
W50A				S	S	04 30 01.1	-3.8
GEDE	Greenville baz=331,SNR=19	71.88	44	P	P	04 20 43.8	-1.5
DOU	Dourbes comp=Z,81nm,1.2s	71.89	345	d	P	04 20 44.5	-0.6
MLAZ	Malazgir-MUS 71.91 315	71.91	315	i	P	04 20 47.1	+1.4
441A	DeRidder baz=325,SNR=33	71.93	61	P	P	04 20 46.9	+1.2
KOPT	Kop Dag comp=Z,724nm,1.0s	71.94	317	Iamb	Iamb	04 21 01.9	
MYKOM	Kota Tinggi 71.97 244	71.97	244	IAMs_20	IAMs_20	04 58 40.9	
MYKOM	Kota Tinggi 71.97 244	71.97	244	P	P	04 20 51.0	+5.0
HARR	Harsova 71.97 328	71.97	328	P	P	04 20 45.8	+0.1
HARR	Harsova 71.97 328	71.97	328	P	P	04 20 45.8	+0.1
ISR	Istrita 71.98 329	71.98	329	i	P	04 20 46.1	+0.3
ISR	Istrita 71.98 329	71.98	329	P	P	04 20 46.1	+0.3
VBMS	Vicksburg baz=327,SNR=41	71.99	59	P	P	04 20 46.8	+0.8
VBMS				S	S	04 30 02.2	-4.1
VBMS	Vicksburg baz=327,SNR=41	71.99	59	P	P	04 20 46.8	+0.8
CBCT	Cooper Cave comp=Z,520nm,1.2s	71.99	52	Iamb	Iamb	04 20 54.6	
HTL	Harland 72.00 352	72.00	352	eP	P	04 20 45.6	-0.1
CONA	Conrad Observa comp=Z,69nm,1.1s,SNR=156	72.00	337	eP	P	04 20 46.9	+0.9
TIRR	Tirgisor 72.04 327	72.04	327	P	P	04 20 46.2	+0.1
TIRR	Tirgisor 72.04 327	72.04	327	i	P	04 20 46.3	+0.1
TIRR	Tirgisor 72.04 327	72.04	327	P	P	04 20 46.2	+0.1
TIRR	Tirgisor 72.04 327	72.04	327	P	P	04 20 46.2	+0.1
PCOR	Pogonele 72.05 329	72.05	329	i	P	04 20 45.5	-0.5
VANB	Van 72.06 314	72.06	314	i	P	04 20 47.9	+1.4
V52A	Sevierville comp=Z,652nm,1.4s	72.06	51	Iamb	Iamb	04 20 48.9	
V52A	Sevierville baz=328,SNR=171	72.06	51	P	P	04 20 46.1	-0.3
V52A				S	S	04 30 03.7	-3.5
TLBR	Topalu 72.07 328	72.07	328	i	P	04 20 47.3	+1.0
WLF	Walfordange comp=Z,59nm,1.6s	72.09	344	Iamb	Iamb	04 20 55.2	
WLF	Walfordange 72.09 344	72.09	344	i	P	04 20 46.3	-0.1
WLF	Walfordange 72.09 344	72.09	344	d	P	04 20 45.3	-1.1
WLF	Walfordange comp=Z,82nm,1.2s	72.09	344	eP	P	04 20 46.5	+0.2
WLF	Walfordange comp=Z,243nm,1.6s,baz=16,slow=6.1	72.09	344	eP	P	04 20 46.4	-0.6
VOIR		72.10 330	330	i	P	04 20 47.0	+0.4
VOIR		72.10 330	330	P	P	04 20 47.0	+0.4
RONA		72.13 337	337	i	P	04 20 47.8	+1.1
TKL	Rosalia, Austr comp=Z,265nm,1.1s,SNR=65	72.14	52	LR	LR	04 54 33.6	
TKL	Tuckaleechee C comp=Z,28um,18.2s,baz=332,slow=38	72.14	52	Iamb	Iamb	04 20 55.5	
TKL	Tuckaleechee C comp=Z,468nm,1.2s	72.14	52	P	P	04 20 46.3	-0.6
TKL	Tuckaleechee C baz=328,SNR=99	72.14	52	P	P	04 30 03.2	-4.8
M65A	bus=328 Busby, Falmout baz=332	72.16	39	P	P	04 20 46.0	-0.9
M65A				S	S	04 30 04.4	-3.6
SECR	baz=332	72.19 329	329	i	P	04 20 47.0	0.0
AMRR	Amara 72.22 328	72.22	328	i	P	04 20 47.3	+0.1
AMRR	Amara 72.22 328	72.22	328	P	P	04 20 47.3	+0.1
SIRR	Siria 72.23 337	72.23	337	i	P	04 20 47.9	+0.7
BLA	Blacksburg comp=Z,71nm,1.0s	72.23	48	Iamb	Iamb	04 20 55.2	
BLA	Blacksburg 72.23 48	72.23	48	i	P	04 20 46.6	-0.9
BLA	Blacksburg 72.23 48	72.23	48	P	P	04 20 46.9	-0.6
BLA				S	S	04 30 06.8	-2.4
BLA	baz=329 Blacksburg baz=329,SNR=94	72.23	48	P	P	04 20 46.9	-0.6
BLA				S	S	04 30 11.5	+2.3
US4A	Nelsons Funny 72.24 50	72.24	50	P	P	04 20 47.2	-0.3
US4A	Nelsons Funny baz=329,SNR=84	72.24	50	P	P	04 20 47.3	-0.3
US4A				P	P	04 20 47.3	-0.3
KVTX	Kingsville 72.24 67	72.24	67	P	P	04 20 48.2	+0.6
KVTX	Kingsville 72.24 67	72.24	67	P	P	04 20 49.4	+1.9
DEV	Deva baz=326,SNR=7.0	72.26 332	332	i	P	04 20 47.6	+0.2
DEV	Deva 72.26 332	72.26	332	P	P	04 20 47.6	+0.2
ARR	Arges 72.28 330	72.28	330	i	P	04 20 48.9	+1.2
FPAL	Fort Paine comp=Z,573nm,0.9s	72.28 54	54	Iamb	Iamb	04 20 55.7	
MTUR	Matau 72.29 330	72.29	330	i	P	04 20 48.7	+0.9
MTUR	Matau 72.29 330	72.29	330	P	P	04 20 48.5	+0.9
Z47A	Carrollton 72.30 327	72.30	327	P	P	04 20 47.6	-0.2
146A	Union baz=327,SNR=419	72.32 57	57	P	P	04 20 48.8	+0.8
146A				S	S	04 30 13.2	+3.1
P61A	Hammonnton baz=327	72.32 43	43	Iamb	Iamb	04 20 56.4	
VRTB	Vartholom 72.32 316	72.32	316	P	P	04 20 49.1	+1.0
EFOR	EFORIE 72.32 327	72.32	327	i	P	04 20 48.8	+1.0
S57A	Dark Hollow, R 72.36 47	72.36	47	Iamb	Iamb	04 20 56.9	
S57A	Dark Hollow, R comp=Z,837nm,1.3s	72.36 47	47	P	P	04 20 47.7	-0.4
S57A	Dark Hollow, R baz=330,SNR=159	72.36 47	47	P	P	04 20 47.7	-0.4
AMBH	Ambrizalva 72.38 333	72.38	333	i	P	04 20 49.1	+1.0
DIKM	Dikmen 72.38 321	72.38	321	i	P	04 20 49.3	+1.1
DIKM	Dikmen 72.38 321	72.38	321	i	P	04 20 49.3	+1.1

H06N1	SOCORRO T-PHASZ	72.41 82	82	P	P	04 20 49.6	+0.9
COEN	Coen comp=Z,540nm,1.1s	72.41 200	200	Iamb	Iamb	04 21 04.0	
COEN	Coen 72.41 200	72.41	200	P	P	04 20 49.6	+1.1
MOA	Molin comp=Z,162nm,1.2s,SNR=67	72.41 338	338	eP	P	04 20 48.7	+0.4
GEVA	Gevas 72.43 314	72.43	314	P	P	04 20 49.4	+0.5
LOTV	Lotru 72.44 331	72.44	331	i	P	04 20 49.1	+0.4
LOTV	Lotru 72.44 331	72.44	331	i	P	04 20 48.0	-0.7
HYB	Hyderabad 72.44 275	72.44	275	eP	P	04 20 47.8	-1.2
HYB	Hyderabad 72.44 275	72.44	275	IvmB	BB	04 20 54.6	
HYB				eP	PP	04 23 33.8	+4.0
HYB				eS	PP	04 30 07.7	-4.2
HYB				IvMs_BB	IvMs_BB	04 55 15.5	
AKDM	Akdamar-Van comp=Z,25um,15.7s	72.45 314	314	i	P	04 20 49.7	+0.8
SULR	Stuttgart 72.47 329	72.47	329	i	P	04 20 48.2	-0.4
STU	Stuttgart comp=Z,34um,20.0s	72.47 342	342	IAMs_20	IAMs_20	04 55 19.6	
STU	Stuttgart 72.47 342	72.47	342	P	P	04 20 48.7	0.0
STU				Pmax	Pmax		
STU	comp=Z,590nm,1.8s			MLR	MLR		
STU	comp=Z,34um,20.0s	72.47 342	342	eP	P	04 20 48.2	-0.5
STU	comp=Z,478nm,1.5s,baz=16,slow=6.1			sP	P	04 20 56.0	-0.9
LEHL	Lehliu 72.49 329	72.49	329	i	P	04 20 49.4	+0.6
H06E1	SOCORRO T-PHASZ	72.50 82	82	P	P	04 20 50.2	+0.9
Y49A	Blount Mountai comp=Z,571nm,1.0s	72.50 55	55	Iamb	Iamb	04 20 57.0	
Y49A	Blount Mountai baz=328,SNR=240	72.50 55	55	P	P	04 20 48.6	-0.5
Y49A				S	S	04 30 10.4	-1.9
H06S1	SOCORRO T	72.52 83	83	P	P	04 20 51.2	+1.9
344A	Westbrook Farm baz=327,SNR=131	72.52 59	59	P	P	04 20 50.3	+1.0
BZK	Bozkurt 72.53 322	72.53	322	i	P	04 20 45.9	-3.1
BZK	Bozkurt 72.53 322	72.53	322	P	P	04 20 46.0	-3.1
ICOR	Corvin 72.53 328	72.53	328	i	P	04 20 49.7	+0.6
V53A	Saluda comp=Z,1um,1.8s	72.54 51	51	Iamb	Iamb	04 20 58.4	
V53A	Saluda baz=329,SNR=115	72.54 51	51	P	P	04 20 48.9	-0.5
V53A				P	P	04 20 48.9	-0.5
LHMI	Lhok Sumawe comp=Z,39um,20.0s	72.55 252	252	IAMs_20	IAMs_20	04 57 31.8	
W52A	Murphy 72.55 52	72.55	52	Iamb	Iamb	04 20 49.2	-0.2
W52A				S	S	04 30 12.0	-0.8
W52A	Murphy comp=Z,878nm,1.3s	72.55 52	52	P	P	04 20 48.9	-0.5
W52A	Murphy baz=328,SNR=171	72.55 52	52	P	P	04 20 49.2	-0.4
MANR	Mangalia 72.57 327	72.57	327	i	P	04 20 49.4	+0.1
SURR	Surduc 72.58 332	72.58	332	i	P	04 20 49.1	-0.3
X51A	Calhoun comp=Z,864nm,1.4s	72.59 53	53	Iamb	Iamb	04 20 58.3	
X51A	Calhoun baz=328,SNR=109	72.59 53	53	P	P	04 20 49.2	-0.4
X51A				S	S	04 20 49.2	-0.4
X51A	baz=328,SNR=109			P	P	04 20 10.9	-2.3
X51A				S	S	04 30 10.9	-2.3
CBN	Corbin Frederi comp=Z,487nm,1.1s	72.60 46	46	Iamb	Iamb	04 20 58.2	
CBN	Corbin Frederi 72.60 46	72.60	46	i	P	04 20 48.8	-0.7
CBN	Corbin Frederi 72.60 46	72.60	46	P	P	04 20 48.8	-0.7
CBN				S	S	04 30 09.3	-3.8
CBN	baz=330			P	P	04 20 48.9	-0.7
CBN	Corbin Frederi baz=330,SNR=34	72.61 46	46	Iamb	Iamb	04 20 58.4	
R58B	Mineral comp=Z,2um,1.9s	72.61 46	46	P	P	04 20 49.0	-0.6
R58B	Mineral baz=330,SNR=80	72.61 46	46	P	P	04 20 49.0	-0.6
R58B				S	S	04 30 10.4	-3.0
R58B	baz=330			S	S	04 30 10.4	-3.0
R58B	baz=330			S	S	04 30 10.4	-3.0

29d 4h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like Chambon-Foret, MTN, CLF, etc.

2017 MAR

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like Y58A, Y58B, Y58C, etc.

1662

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like OUR, OSSC, LIA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AGG Agios Georgios, KEK Kerkira, PAOL Paolios, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SANT Santorini, MHLO Agia Marina, TAEO Nuku Hiva Isla, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like COI Coimbra, COI Teig, TEIG Tepich, etc.

29d 4h

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=63). Includes stations like LIS Lisbon, CMH Djeibel Manchou, CKFL Kef-Lekhel, etc.

2017 MAR

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like ARMA Armidale, AKLM AKL, ARMA Armidale, etc.

1664

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like HZTE Horizontes, BUEV Buena Vista, VORI VORI, etc.

Table with columns: SRKR, Sorokina, 1.18 257 eP, Pn, 04 27 45.1 -0.6, etc.

Table with columns: GNLF, Ganaly, 4.29 223 PN, Pn, 04 36 07.1 +2.8, etc.

Table with columns: L19K, White Mountain, 21.75 58 P, P, 04 39 55.7 +5.5, etc.

KRSC 29 04:32:28.4:1.1, 57.04N, 163.25E, h40km, 15km, M14.2,

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

MA2 Magadan, 6.90 298 Pn, Pn, 04 36 45.1 +5.0

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

SPU Mount Spurr, 23.20 61 P, P, 04 40 06.8 +1.2

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

IDC 29 04:34:57.0:0.4, 56.90N, 162.80E, h0km, mb4.5/4.0,

mbmp4,6/44,ML4,6/3, Error ellipse: s-maj=12.5km s-min=8.6km az=179.0

BUI 29 04:34:57.0:0.0, 56.98N, 162.58E, h6km, mb4.8/29

NEIC 29 04:34:59.2:5.5, 56.82N, 163.0E, 0.1, h10km, 1km, mb5.0/279, Error ellipse: s-maj=14.3km s-min=10.0km az=350.0

KRSC 29 04:34:59.0:1.2, 56.91N, 163.21E, h44km, 16km, M15.2

MOS 29 04:35:01.3:1.0, 56.96N, 162.95E, h39km, mbs.0/34, Error ellipse: s-maj=7.4km s-min=3.3km az=73.2

ISC 29 04:34:59.4:0.5, 56.93N, 162.84E, 0.03, h13km, 2km, h13km, pp-P, n835, +1923/815, mbs.0/204, 30C-11D, Near

hastkom of Kamchatka Peninsula

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

GRNR Gornyy, 16.70 260 i/P, P, 04 38 55.8 +0.7

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

KDAA Kodiak Island, 23.73 69 P, P, 04 40 10.0 -0.8

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

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like 2N3A Red Feather La, IRM Iron Mountain, PV11 David Mesa, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like MNK MNK, MNK MNK, MNK MNK, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like E62A baz=332, O49A Covington, LONY Lake Ozonia, etc.

1669

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Dobruska-Polom, Paris, Avella, Kraliky, etc.

2017 MAR

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Dark Hollow, Dark Hollow R, Blount Mountain, etc.

29d 4h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SOHO, Wadi Bani Khal, Hoqin, etc.

ADC 29 04:49:42.4, 1.5, 56:83N:162:56E, h0km, mb3.3/7, mb1mp3, 3.7, Error ellipse: s-maj=43.5km s-min=25.1km az=163.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like KBG, Krutoberegovo, etc.

Table with columns: Station, Time, Altitude, Slope, Direction, and other meteorological data. Includes stations like PET, PEAOB, PETK, etc.

Table with columns: Station, Time, Altitude, Slope, Direction, and other meteorological data. Includes stations like TIKSI, TIXI, TIXI, etc.

Table with columns: Station, Time, Altitude, Slope, Direction, and other meteorological data. Includes stations like MDJ, BRSE, NEA2, etc.

29d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like K27K, VRDI, MCARA, EGAK, etc.

2017 MAR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SONM, SONM, SONM, ZAK, etc.

1672

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like K05A, GOMU, GOMU, BMO, etc.

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, elevation, azimuth).

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, elevation, azimuth).

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., SNR, elevation, azimuth).

29d 5h

Table with columns: Call sign, Station name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like W57A Gilead, W57A Robic, MTN Manton Dam, etc.

2017 MAR

Table with columns: Call sign, Station name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like DWPF Disney Wildern, DWPF Arkhangelos, ARG Warramunga Arr, etc.

1676

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SATY 2.8nm,0.0s, KPKS Koikek, etc.

SOME 29 05:36:53.7, 43.25N, 78.45E, h20km
NCC 29 05:36:55.1, 2.4324N, 78.50E, h0km, mpv2.0, Error ellipse: s-maj=12.5km s-min=6.3km az=121.0, Lake Issyk-Kul region

IDC 29 05:09:00.0, 7.107, 161.725E, h0km, mb4.6/19

29d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Q12A Willow Creek R, ELK Elko, SPR3 Spring Creek 3, NEW Newport, LCMT Little Creek M, HLID Halley, HLID Halley, KURBB Kurchatov Arra, C36M Paulutak, C36M Paulutak, A36M Sachs Harbour, BOZ Bozeman (W), YKA Yellowknife Arra, EGMT Eagleton, ANMO Albuquerque, BVAR Borovoye Array, ESCD Sonseca Array, TORO Torodi Arra.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Paudzhetka, KDRTR Koudutka, KDRTR Koudutka, MTRV Mutnovka, MTRV Mutnovka, RUS Russkaya, GRL Gorelyy, GRL Gorelyy, UGLR Uglovaya, AVH Avacha, KOK Koryaka, SMAR Somma, KRER Koryakskii, KRX Arik, SPN Mys Shipunski, GNL Ganaly.

IDC 29 05:59:07.2,0.9,56.89N,162.68E,h0km,mb3.8/11, mbtmp3.8/11, Error ellipse: s-maj=29.8km s-min=18.4km az=166.0

KRSC 29 05:59:08.4,1.1,57.00N,163.14E,h29km,13km,ML4.5 MOS 29 05:59:09.7,0.8,57.03N,163.04E,h29km,mb4.1/4, Error ellipse: s-maj=13.6km s-min=4.2km az=68.9

ISC 29 05:59:09.6,1.3,56.98N,162.97E,0.04,h13km,8km,n97, r190/104,mb3.7/12,3C-3D,Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBG Krutoberegovo, KBG Krutoberegovo, KBTR Krutoberegovo, KBTR Krutoberegovo, SMKR Semkarok, SMKR Semkarok, SMKR Sorokina, SMKR Sorokina, KLY Klyuchi, KLY Klyuchi, CIRR Tsirik, CIRR Tsirik, BZGR Bezymyanni-Gr, BZGR Bezymyanni-Gr, BZWR Bezymyanni-We, BZWR Bezymyanni-We, BZP Bezymyanni-Pe, BZMR Bezymyannaya, BZMR Bezymyannaya, KIRR Kirishev, KIRR Kirishev, KPT Kopyto, KPT Kopyto, SRDR Sredinnyy, SRDR Sredinnyy, KMNR Kamenistaya, KMNR Kamenistaya, OSSR Ossora, OSSR Ossora, TUMR Tumrok D, TUMR Tumrok, TUMR Tumrok, BKI Bering, BKI Bering, TIGL Tigil, MKZ Mys Kozlova, MKZ Mys Kozlova, ESO Esso, ESO Esso, PALN Palana, PALN Palana, KII Karymskiy, KII Karymskiy, TILK Tilichiki, TILK Tilichiki, SPN Mys Shipunski, SPN Mys Shipunski, NLC Nalytchevo, NLC Nalytchevo, GNL Ganaly, GNL Ganaly, KRX Arik, KRX Arik, KRER Koryakskii, KRER Koryakskii, SMAR Somma, SMAR Somma, AVH Avacha, AVH Avacha, KOK Koryaka, KOK Koryaka, UGLR Uglovaya, UGLR Uglovaya, DALK Dalny, DALK Dalny.

2017 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DALK Dalny, PET Petropavlovsk, PEAB Petropavlovsk, PETK Petropavlovsk, KRMR Karymskiy, KRMR Karymskiy, GRL Gorelyy, GRL Gorelyy, MTRV Mutnovka, MTRV Mutnovka, SKR Severo-Kuril's, SKR Severo-Kuril's, TIXI Tiksi, TIXI Tiksi, HEH Heihe, HEH Heihe, ILAR Eielson Array, ILAR Eielson Array, INK Inuvik, INK Inuvik, H1N2 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, YKA Yellowknife Arra, YKA Yellowknife Arra, DGZ Jazatar, DGZ Jazatar, DGZ Jazatar, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, KURB Kurchatov Arra, KURB Kurchatov Arra, MKAR Makanchi Array, MKAR Makanchi Array, ARU Arti, ARU Arti, NVAR Mina Array Bea, NVAR Mina Array Bea, PDAR Pinedale Array, PDAR Pinedale Array, TXAR Lajitas Array, TXAR Lajitas Array, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs.

RHSSO 29 06:17:52.1,0.2,44.65N,16.63E,h3km,1km,ML2.6/14 VIE 29 06:17:57.0,0.4,44.98N,16.42E,h8km,mb2.3/5, ml2.1/5 89 km SE of Karlovac

ISC 29 06:17:51.5,0.9,44.65N,16.67E,0.02,h9km,8km,n46, r099/82,7C-2D,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like A050A Klekovaca, A050A Klekovaca, PRIJ Prijedor, PRIJ Prijedor, MGRS Mrkonjic Grad, MGRS Mrkonjic Grad, BLJ Banja Luka, BLJ Banja Luka, A051A Mrakovica, A051A Mrakovica, UDBI Udbina, UDBI Udbina, KLJV Kijevo, KLJV Kijevo, SRKY Kupres RS, SRKY Kupres RS, A052A Srbac, A052A Srbac, DDOB Doboj, DDOB Doboj, MORI Morici, MORI Morici, RICI Ricice, RICI Ricice, VIRV Vir, VIRV Vir, ZIRJ Zirje, ZIRJ Zirje, OZLJ Ozalj, OZLJ Ozalj, NOVJ Novajia, NOVJ Novajia, BVLJ Bojanici, BVLJ Bojanici, BOUS Dugi Otok, BOUS Dugi Otok, PTJ Puntijarka, PTJ Puntijarka, RABC Rab, RABC Rab, RAKA Makarska, RAKA Makarska, CRES Cresnjev, CRES Cresnjev, LOBO Labor, LOBO Labor, HAPS Han Pijesak, BI, HAPS Han Pijesak, BI, SMRN Sveta Marina, SMRN Sveta Marina, LSTV Lastovo, LSTV Lastovo, CEY Cerknica, CEY Cerknica, CEY Ston, CEY Ston, STON Ston, STON Ston, SKDS Skadanscina, SKDS Skadanscina, BBLB Lazii#263i, BBLB Lazii#263i, UMAC Unac-Piva, UMAC Unac-Piva, BRY Bratogost, BRY Bratogost, TREC Trebinje, TREC Trebinje, FROB Fruška Gora, FROB Fruška Gora, SKSO Sobot, SKSO Sobot, OBKA Obir, OBKA Obir, OBKA Obir, OBKA Obir, DIVS Divibare, DIVS Divibare, ARZB Arzberg, ARZB Arzberg, SJES Sjecnica, SJES Sjecnica, ROSA Rosalia, ROSA Rosalia, DRME Dravecina, Mon, DRME Dravecina, Mon, DRME Dravecina, Mon.

1678

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CONA Conrad Observa, CONA Conrad Observa, IDC 29 06:29:27.9,0.5,39.87N,29.75W,h0km,mb4.1/28, mbtmp4.1/29, MLS, 1/1, MSA, 9/61, Error ellipse: s-maj=15.3km s-min=10.2km az=176.0, NEIC 29 06:29:28.7,2.4,39.70N,0.10,29.5W,0.1,1,10km,1km, mb5.1/15, MWS, 4/12, Error ellipse: s-maj=17.6km s-min=12.9km az=206.0, GCMT 29 06:29:30.7,0.2,40.06N,0.03,29.61W,0.02, h14km,1km, MW5,4/110, Moment Tensor Solution, s28,c34; s110,c178; Duration: 1s2 Moment tensor: Scale 1017 Nm; Mn=1.37e-10; M0=0.23e-06; M0=1.14e-06; M0=0.01e-18; M0=0.33e-03; M0=0.53e-12; Best double cutoff: M0.141100x1017 NP1:0.1100000, 0.5600000, 0.9700000, NP2:0.2040000, 0.8350000, 0.7800000, Principal axes: T 1.3400, P111.0000, Azm106.0000, N 0.1430, P166.0000, Azm15.0000; P 1.4820, P1g78.0000; Azm257.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function: IGL 29 06:29:31.4, 39.74N,29.36W,h10km,ML4.7 SVSA 29 06:29:31.0,0.9,39.99N,29.51W,h10km,ML4.2(INMG), Error ellipse: s-maj=5.2km s-min=3.2km az=49.0, NEIC 29 06:29:34.1,40.38N,29.80W,h12km,Moment Tensor Solution, Duration: 2s6 Moment tensor: Scale 1017Nm; Mn=1.23; M0=0.35; M0=0.87; M0=0.57; M0=0.12; M0=0.66; Fault plane solution: M0.136000x1017 NP1: 0.20904000, 0.6453000, 0.8703000, NP2:0.827000, 0.327000, 0.1086000, Principal axes: T 1.1648, P1g19.0000, Azm292.0000, N 0.3919, P166.0000, Azm25.0000; P 1.5567, P166.0000, Azm138.0000; MOS 29 06:29:34.8,1.0,39.96N,29.60W,h10km,mb5.1/55, MSA, 9/77, Error ellipse: s-maj=8.9km s-min=5.2km az=47.2, NEIC 29 06:29:29.0,4.0,18.8N,29.14W,h10km ISC 29 06:29:29.0,2.3,39.73N,0.05,29.60W,0.04,h14km,n476, r1537/413,mb5.0/146,MS5,0/77,35C-11D,Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H07N1 FLORES T-PHASE, H07N1 FLORES T-PHASE, H07S1 FLORES T-PHASE, H07S1 FLORES T-PHASE, CALA Caldeira, CALA Caldeira, CALA Caldeira, PRIB2 Ribeirinha, PRIB2 Ribeirinha, PFCBR Castelo Branco, PFCBR Castelo Branco, ROSA Rosais, ROSA Rosais, PICO Pico, PICO Pico, PICO Pico, PCAN Candelaria, PCAN Candelaria, PCAN Candelaria, PMAN Manadas, PMAN Manadas, PDI Ribeirinha, PDI Ribeirinha, PSBA Serra de Santa, PSBA Serra de Santa, PAGU Agualva, Azore, PAGU Agualva, Azore, ADCH Angra Heroismo, ADCH Angra Heroismo, PADM Serra do Cume, PADM Serra do Cume, PDA Ponta da Alameda, PDA Ponta da Alameda, PCALD Caldeiras da R, PCALD Caldeiras da R, PGRON Lagoa das Cont, PGRON Lagoa das Cont, BART Pico Bartolome, BART Pico Bartolome, PSMN Pico do Norte, PSMN Pico do Norte, PMOZ Porto Moniz, M, PMOZ Porto Moniz, M, PMAR Madeira, PMAR Madeira, PMAFR Mafra, PMAFR Mafra, LIS Lisbon, LIS Lisbon, LIS Lisbon, LIS Lisbon, PCAS Casimio, 0.4s, PCAS Casimio, 0.4s, PCAS comp=2.87nm,1.6s, PCAS PCAS, COI Coimbra, COI Coimbra, COI Coimbra, COI Coimbra, PGAV Gavireira, Arco, PGAV Gavireira, Arco, PGAV comp=2.74nm,1.9s, PGAV comp=2.5um,20.0s, PTEO Sao Teotonio, PTEO Sao Teotonio, PCAB Cabril, PCAB Cabril, PNCL Nicolau / Gran, PNCL Nicolau / Gran, PNCL comp=2.74nm,1.6s, PNCL PNCL, PFVI Vila Bisbo, PFVI Vila Bisbo, PFVI Vila Bisbo, PFVI Vila Bisbo, PMTG Montargil, PMTG Montargil, PMTG comp=2.94nm,18.0s, PMTG comp=2.103nm,2.0s, MORF Marleiete, MORF Marleiete, MORF Marleiete, MORF Marleiete, MORF comp=2.75nm,1.3s, MORF MORF, MORF comp=2.5um,20.0s, MORF Marleiete, MORF Marleiete, MORF comp=2.49nm,1.3s, MORF PVIS, MORF PVIS, POLO Lamas de Olo, POLO Lamas de Olo, POLO comp=2.3um,18.0s, MESJ Messeja, MESJ Messeja, MESJ comp=2.77nm,1.7s, MESJ Messeja, MESJ Messeja, MESJ comp=2.93nm,1.7s, MESJ Messeja, MESJ Messeja, MTE Manteigas, MTE Manteigas, MTE comp=2.73nm,1.4s, MTE comp=2.5um,20.0s.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PCVE Castro Verde, PCBR Castelo Branco, PBEJ Beja, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NOA NORJAR Array B, JMB Fran Mayen, FRB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ISR Istrita, ARCES ARCESS Array B, ARCES, etc.

Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like BGNE Belgrade, KIRV Kirov, KIRV Kirov, etc.

Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like ABKAR Akbulak array, C26K Camden Bay, E27K Coleman River, etc.

Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like KURK Kurchatov, KURK Kurchatov, KURKB Kurchatov Arra, etc.

X37A	Clayton	51.59 286	P	P	06 44 23.0 -0.5
KIRV	Kirov	51.66 410	P	P	06 44 23.0 0.0
OK05	E0350 and S346	51.83 289	I	I	06 44 23.0
DEOK	Depew	51.87 288	I	I	06 44 26.1
QUOK	Quay	51.88 289	I	I	06 44 26.3
OK048	Pawnee Station	51.95 289	I	I	06 44 27.1
OK052	Battle Ridge R	52.03 288	I	I	06 44 31.5
OK030	Cody Creek RV	52.05 288	I	I	06 44 31.7
OK031	S. Brethren Rd	52.08 288	I	I	06 44 27.9
OK033	Mezah	52.11 289	I	I	06 44 28.2
DGMT	Dagmar	52.24 306	I	I	06 44 30.3
DGMT	Dagmar	52.24 306	P	P	06 44 27.1 -0.5
DGMT	Dagmar	52.24 306	P	P	06 44 28.1 +0.4
NATX	Nacogdoches	52.36 283	P	P	06 44 28.9 +0.3
NPGB	Novo Progresso	52.36 213	eP	P	06 44 28.9 +0.1
R32A	Long Quarter,	52.38 292	P	P	06 44 33.9
R32A	Long Quarter,	52.38 292	P	P	06 44 28.5 -0.2
KIV	Kislovodsk	52.38 60	eP	P	06 44 30.2 +1.5
SGCB	Sgt Gabriel D	52.40 230	eP	P	06 44 30.2 +1.1
W35A	Tecumseh	52.45 288	I	I	06 44 34.7
BELG	Belogoroye	52.52 49d	iP	P	06 44 29.4 -0.1
KBZ	Khabaz	52.60 60	P	P	06 44 32.3 +2.1
KBZ	Khabaz	52.60 60	P	P	06 45 41.2 +0.9
KBZ	Khabaz	52.60 60d	iP	P	06 44 31.8 +1.5
NEY	Neytrino	52.67 61f	eP	P	06 44 34.2 +3.2
FNO	Franklin	52.79 288	I	I	06 44 36.5
CBKS	Cedar Bluff	52.94 293	P	P	06 44 31.5 -1.5
NOKA	Waynoka	53.30 290	I	I	06 46 20.6
YKA	Yellowknife Ar	53.41 325	P	P	06 44 35.8 -0.2
YKA	Yellowknife Ar	53.41 325	P	P	06 45 42.3 -0.7
ONI	Oni	53.42 62	I	I	06 44 39.0
ZEI	Tsey	53.65 61	eP	P	06 44 36.0 -2.3
OGNE	Ogallala	53.66 296	P	P	06 44 37.2 -1.1
RSSD	Black Hills	53.74 301	P	P	06 44 37.4 -1.6
RSSD	Black Hills	53.74 301	P	P	06 44 37.4 -1.6
RSSD	Black Hills	53.74 301	P	P	06 44 38.1 -0.9
TEFE	Tefe	53.80 225	eP	P	06 44 40.5 +1.1
SDBA	SAO DESIDERIO	53.88 199	eP	P	06 44 40.5 +0.5
WMOK	Wichita Mouta	54.04 288	P	P	06 44 40.6 -0.4
HKT	Hockey	54.11 281	iP	P	06 44 40.5 -1.0
LAO	LASA Array	54.17 304	P	P	06 44 41.5 -0.4
LAO	LASA Array	54.17 304	P	P	06 44 42.5 +0.6
WTF5	Witchita Falls	54.25 287	I	I	06 44 42.4 -0.2
A36M	Sachs Harbour	54.36 338	I	I	06 44 48.9
A36M	Sachs Harbour	54.36 338	P	P	06 44 42.5 -0.2
GROC	Groznyy	54.75 60	eS	P	06 44 47.2 +1.2
C36M	Paulatuk	54.89 334	P	P	06 44 45.5 -1.1
KSCO	Kaye Shedlock	54.90 294	I	I	06 44 48.4 +0.8
KSCO	Kaye Shedlock	54.90 294	P	P	06 44 46.4 -1.0
GEVA	Gevas	54.94 67	I	I	06 44 50.1
435B	Jarrell	55.02 283	P	P	06 44 48.4 +0.2
GNI	Garni	55.32 64	P	P	06 44 51.2 +0.8
GNI	Garni	55.32 64	P	P	06 44 52.9
GNI	Garni	55.32 64	P	P	06 44 51.2 +0.8
GNI	Garni	55.32 64	P	P	06 44 51.0 +0.6
GNI	Garni	55.32 64	P	P	06 44 50.8 +0.4
ESPN	Las Esperanzas	55.32 256	I	I	06 44 53.9
SND8	Serra Nova Dou	55.34 206	eP	P	06 44 51.4 +0.8
ABTX	Abilene, Hawle	55.66 286	I	I	06 44 57.4
ABTX	Abilene, Hawle	55.66 286	P	P	06 44 52.5 -0.3
EGMT	Eagleton	55.86 307	P	P	06 44 53.7 -0.4
K22A	Casper	56.00 300	I	I	06 44 56.3
K22A	Casper	56.00 300	P	P	06 44 54.5 -0.8
K22A	Casper	56.00 300	P	P	06 44 54.8 -0.5
CLDB	Colider	56.00 212	eP	P	06 44 56.8 +1.5
AMTX	Amarillo	56.08 290	I	I	06 44 57.5
AMTX	Amarillo	56.08 290	P	P	06 44 55.4 -0.5
AMTX	Amarillo	56.08 290	P	P	06 44 57.9 +2.0
ACON	Acoyapa	56.12 256	I	I	06 44 59.1
JANB	Januarja	56.30 197	eP	P	06 44 57.8 +0.4
COVE	Coope Vega, Sa	56.35 255	I	I	06 45 01.1
N23A	Red Feather La	56.37 298	P	P	06 44 57.8 -0.3
ISCO	Idaho Springs	56.62 296	I	I	06 45 01.7
ISCO	Idaho Springs	56.62 296	P	P	06 44 59.8 -0.1
PETF	Flores	56.63 264	I	I	06 45 12.2
Q24A	Divide	56.68 295	I	I	06 45 01.7
Q24A	Divide	56.68 295	P	P	06 44 60.0 -0.4
RLMT	Red Lodge	56.75 304	I	I	06 45 06.2
RLMT	Red Lodge	56.75 304	P	P	06 45 00.4 -0.2
POST	Post	56.82 288	I	I	06 45 07.8
JCT	Junction City	56.83 284	I	I	06 45 06.1
JCT	Junction City	56.83 284	P	P	06 45 01.1 -0.1
RWWY	Rawlins	56.88 299	I	I	06 45 03.2
GUA01	Guaratinga, BA	56.92 192	eP	P	06 45 03.4 +1.7

WRGLY	Wrigley	56.95 327	P	P	06 45 00.7 -0.7
T25A	Trinidad	56.99 293	I	I	06 45 05.5
T25A	Trinidad	56.99 293	P	P	06 45 02.6 +0.1
ARU	Arti	57.03 41	P	P	06 45 01.8 -0.4
ARU	Arti	57.03 41d	iP	P	06 45 03.4
ARU	Arti	57.03 41d	iP	P	06 45 01.9 -0.3
JTS	Las Juntas de	57.04 255d	iP	P	06 45 02.7 -0.1
PDRB	Porto dos Gas	57.05 212	eP	P	06 45 03.2 +0.5
MXST	Muleshoe	57.31 289	I	I	06 45 06.4
MXST	Muleshoe	57.31 289	P	P	06 45 05.5 +0.9
MXST	Muleshoe	57.31 289	P	P	06 45 04.3 -0.4
TBTG	Tabatinga, AM	57.36 230	eP	P	06 45 05.5 +0.5
SDCO	Great Sand Dun	57.48 284	P	P	06 45 06.2 +0.1
833A	Chaparral WMA,	57.48 292	P	P	06 45 06.5 -0.2
SAML	Samuel	57.64 220	P	P	06 45 06.7 -0.2
SAML	Samuel	57.64 220	P	P	06 45 06.7 -0.2
SAML	Samuel	57.64 220	P	P	06 45 07.0 +0.1
BDFB	Brasilia	57.79 201	P	P	06 45 09.0 +0.9
BDFB	Brasilia	57.79 201	P	P	06 45 08.6 +0.6
BDFB	Brasilia	57.79 201	P	P	06 45 11.1
BDFB	Brasilia	57.79 201	P	P	06 45 09.0 +0.9
BDFB	Brasilia	57.79 201	eP	P	06 45 08.1 0.0
SMCO	Snowmass	57.84 296	I	I	06 45 16.3
H17A	Gran Village	57.90 303	I	I	06 45 36.3
H17A	Gran Village	57.90 303	P	P	06 45 08.8 -0.1
SVE	Sverdlovsk	57.92 40	eP	P	06 45 08.8 +0.4
PD31	Pinedale Array	57.96 301	I	I	06 45 13.6
PDAR	Pinedale Array	57.96 301	P	P	06 45 07.8 -1.4
BW06	Boulder Array	57.96 301	I	I	06 45 10.5
BW06	Boulder Array	57.96 301	P	P	06 45 08.1 -1.2
BOZ	Bozeman (W)	58.05 305	I	I	06 45 16.8
BOZ	Bozeman (W)	58.05 305	P	P	06 45 09.4 -0.3
FLWY	Flagg Ranch	58.12 303	I	I	06 45 27.6
O20A	White River Ci	58.27 298	P	P	06 45 11.6 +0.1
MOOW	Moose Ponds	58.30 303	I	I	06 45 13.6
S22A	4UR Ranch, Crs	58.41 295	P	P	06 45 12.8 +0.2
INK	Inuvik	58.45 335	P	P	06 45 10.4 -1.5
INK	Inuvik	58.45 335	P	P	06 46 02.6 +0.2
INK	Inuvik	58.45 335	I	I	06 45 12.7
INK	Inuvik	58.45 335	P	P	06 45 10.8 -1.1
KOTAN	Kotanelee Ar	58.51 324	P	P	06 45 12.3 -0.2
FXWY	Fox Creek	58.53 303	I	I	06 45 14.5
TPAW	Teton Pass	58.55 302	I	I	06 45 18.6
F31M	Tsigtichich	58.94 334	P	P	06 45 14.8 -0.6
MSO	Mitsula	58.94 307	I	I	06 45 17.9
MSO	Mitsula	58.94 307	P	P	06 45 15.6 -0.3
ARAC	Araguaia, MT	59.00 205	eP	P	06 45 17.8 +1.4
SJMB	Sao Joao De Ma	59.22 193	eP	P	06 45 19.3 +1.5
DIAM	Diamantina, MG	59.30 196	eP	P	06 45 19.8 +1.3
OTAV	Otavalo	59.38 241	P	P	06 45 20.6 +0.9
OTAV	Otavalo	59.38 241	P	P	06 45 20.6 +0.9
OTAV	Otavalo	59.38 241	eP	P	06 45 20.0 +0.3
ANMO	Albuquerque	59.49 292	P	P	06 45 20.3 +0.3
ANMO	Albuquerque	59.49 292	iP	P	06 45 20.5 +0.5
ANMO	Albuquerque	59.49 292	P	P	06 45 20.9 +0.9
ANMO	Albuquerque	59.49 292	P	P	06 45 20.9 +0.9
VILB	Vilhena	59.73 215	I	I	06 45 24.2
VILB	Vilhena	59.73 215	eP	P	06 45 22.9 +1.5
LIRD	Liard River Hi	59.76 324	P	P	06 45 21.2 0.0
BSUT	Blindstream Ca	59.79 299	I	I	06 45 33.8
MVCO	Mesa Verde	59.83 295	P	P	06 45 23.0 +0.6
P18A	Preston Nutter	59.87 298	I	I	06 45 29.1
ETMB	Extrema	59.93 223	eP	P	06 45 22.9 0.0
G30M	tAoh Zraii Jni	60.01 334	P	P	06 45 22.4 -0.4
IPMB	Ipameri, GO	60.08 201	eP	P	06 45 24.5 +0.7
PMNB	Patos De Minas	60.15 198	eP	P	06 45 25.6 +1.2
NEW	Newport	60.21 310	P	P	06 45 24.2 -0.3
JLU	Jordalille	60.22 300	I	I	06 45 33.4
Y22D	IRIS PASSCAL I	60.26 291	P	P	06 45 24.2 -1.0
Y22F	Pascal Instru	60.26 291	P	P	06 45 23.9 -1.3
TX31	Lajitas Ar. Si	60.30 285	P	P	06 45 24.9 -0.6
TX32	Lajitas Array	60.30 285	P	P	06 45 24.8 -0.7
TXAR	Lajitas Array	60.30 285	P	P	06 45 25.0 -0.4
TXAR	Lajitas Array	60.30 285	P	P	06 45 24.9 -0.6
MXNT	Coroduas Mount	60.34 288	P	P	06 45 25.2 -0.5
Y22A	Socorro	60.36 291	P	P	06 45 26.7 +0.7
CTU	Camp Tracy	60.38 300	I	I	06 45 38.4
MMPY	Sheldon Lake	60.42 329	P	P	06 45 25.2 -0.5
EPYK	Eagle Plains	60.50 334	P	P	06 45 25.8 -0.4
HVU	Hanse Valley	60.53 301	I	I	06 45 39.1
SALV	Santo Antonio	60.55 209	eP	P	06 45 27.8 +0.8
WTLY	Watson Lake, Y	60.62 325	I	I	06 45 34.8
WTLY	Watson Lake, Y	60.62 325	P	P	06 45 27.2 +0.1
TMUT	Trail Mountain	60.69 298	I	I	06 45 36.9
HLID	Hailey	60.75 304	I	I	06 45 34.3
HLID	Hailey	60.75 304	P	P	06 45 28.3 -0.2
CT7K	Jago River	60.83 339	P	P	06 45 27.9 -0.5
ABKAR	Abkulkal array	60.92 49	I	I	06 45 31.1
NLU	North Lily Min	60.95 299	I	I	06 45 35.5

C26K	Camden Bay	60.99 339	P	P	06 45 29.4 -0.1
E27K	Coleen River	61.06 337	P	P	06 45 29.8 -0.2
BGU	Big Grassy Mts	61.11 301	I	I	06 45 36.2
DUG	Dugway, Tooele	61.33 300	P	P	06 45 32.4 0.0
FARO	Faro, Yukon	61.45 329	P	P	06 45 32.4 -0.4
PTLB	Pontes e Lacer	61.50 213	P	P	06 45 33.4 0.0
PTLB	Pontes e Lacer	61.50 213	eP	P	06 45 34.3 +0.8
I29M	Ogilvie Camp	61.60 333	I	I	06 45 38.8
I29M	Ogilvie Camp	61.60 333	P	P	06 45 33.4 -0.2
121A	Cookes Peak, D	61.66 290	P	P	06 45 35.4 +0.5
MAYO	Mayo, Yukon	61.70 331	P	P	06 45 33.5 -0.8
W18A	Petrified Fore	61.74 294	P	P	06 45 35.5 +0.2
D25K	Kavir River	61.76 339	P	P	06 45 34.5 -0.2
PP1B	Ponte de Pedra	61.81 208	eP	P	06 45 36.5 +0.9
CZSB	Cruzeiro do Su	61.84 320	eP	P	06 45 35.3 -0.6
NR1K	Noril'sk	61.86 21	P	P	06 45 37.0 +1.7
NR1K	Noril'sk	61.86 21	I	I	06 45 37.8
NR1K	Noril'sk	61.86 21d	iP	P	06 45 36.2 +0.9
NR1K	Noril'sk	61.86 21	P	P	06 45 36.2 +0.9
M31M	Drury Creek, Y	61.88 329	P	P	06 45 35.5 -0.1
G27K	Doyon Strip	61.88 335	P	P	06 45 35.5 -0.1
N32M	Quiet Lake	61.91 328	P	P	06 45 35.6 -0.3
BMO	Blue Mountains	61.94 306	I	I	06 45 41.0

29d 6h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, etc.

2017 MAR

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MPMC Manual Prospec, KLU Klutina, BELC Belle Mtn. Jos, etc.

1684

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BANOM Banah, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Melozitna Rive, Rabbit Creek A, Bear Paw Mtn, etc.

MOS 29 08:20:12.2,0.9,0.13N:123.18E, h161km, mb4.9/44, Error ellipse: s-maj=9.1km s-min=5.1km az=108.3
NEIC 29 08:20:12.2,1.2,0.0,0.05N:0.07x123.37E:0.07, h138km,4km, mb5.0/157, Error ellipse: s-maj=9.9km s-min=9.3km az=222.0
IDC 29 08:20:13.3,1.1,0.06N:123.27E, h155km,9km, mb4.5/35, s-min=6.6km az=80.0
DJA 29 08:20:13.0,2.0,1.0,0.2,12.3E, h146km,2km, M5/0.51, mb5.0/1m5,0.19,MLV5.9/23,Mwd,7.74,MWJ,0.4/8,19
ISC 29 08:20:13.2,0.3,0.00N:0.03x123.30E:0.04, h155km,2km, h156km,pP-P,n556, t123/998, mb4.9/169,31C-19D, Minahassa Peninsula, Sulawesi

Main table with columns: Code, Station Name, Az, El, P, M, Time, Res. Lists numerous stations and their associated data points.

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Main table with columns: Code, Station Name, Az, El, P, M, Time, Res. Lists numerous stations and their associated data points.

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like Gaotai, MDJ, MDJ, MDJ, etc.

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like SATY, SATY, MK31, MK31, etc.

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like KKAR, BRZS, BRZS, SEY, etc.

Q18K	Katmai Hardscr	85.67	31	P	P	08 32 33.5	-1.0
O18K	Koktuh Hills	85.72	30	P	P	08 32 34.7	+0.2
TTA	Tatalina	85.75	27	P	P	08 32 35.0	+0.2
TTA	Tatalina	85.75	27	P	P	08 32 35.0	+0.2
TTA	comp=Z,7.0nm,1.1s						
TTA	Tatalina	85.75	27	P	P	08 32 35.6	+0.8
KMBO	Kilima Mbogo	86.05	269	P	P	08 32 37.2	-0.3
KMBO	Kilima Mbogo	86.05	269	P	P	08 32 37.2	-0.3
L19K	White Mountain	86.18	28	I	Amb	08 32 39.0	
L19K	White Mountain	86.18	28	P	P	08 32 36.9	+0.1
N19K	Bonanza Creek	86.19	29	I	Amb	08 32 38.5	
N19K	Bonanza Creek	86.19	29	P	P	08 32 37.3	+0.3
O19K	Port Alsworth	86.20	30	P	P	08 32 37.3	+0.5
M19K	Big River Lodg	86.37	28	P	P	08 32 38.5	+0.7
M19K	Big River Lodg	86.37	28	P	P	08 32 38.4	+0.7
OHAK	Old Harbor	86.42	33	P	P	08 32 39.1	+1.1
L20K	Farewell, AK	86.67	27	P	P	08 32 39.9	+0.7
K20K	Telida	86.68	27	P	P	08 32 39.8	+0.6
A21K	Barrow	86.82	19	P	P	08 32 41.0	+1.3
KDAK	Kodiak Island	86.85	32	P	P	08 32 40.1	0.0
KDAK	Kodiak Island	86.85	32	P	P	08 32 40.7	+0.6
GAZ	Gaziantep	86.87	307	I	Amb	08 32 41.9	
KLMR	Klimovskoe	86.96	331	eP	pP	08 33 19.8	+0.3
KLMR	Klimovskoe	86.96	331	eP	pP	08 32 37.6	-2.9
KLMR	Klimovskoe	86.96	331	eP	pP	08 33 19.7	+0.3
KLMR	Klimovskoe	86.96	331	eP	pP	08 32 37.6	-2.9
M20K	Styx River	86.96	28	P	P	08 32 41.2	+0.6
ANN	Anapa	87.06	315	eP	pP	08 32 37.1	-4.3
ANN	Anapa	87.06	315	eP	pP	08 33 17.9	-2.1
ANN	Anapa	87.06	315	eP	pP	08 37 58.4	
ANN	Anapa	87.06	315	eP	pP	08 42 47.6	-6.5
ANN	Anapa	87.06	315	eP	pP	08 48 46.2	-7.9
IMAR	Indian Mountai	87.12	24	P	P	08 32 41.7	+0.4
G21K	Allakaket	87.28	23	P	P	08 32 42.7	+0.7
SPCR	Spurr Chakacha	87.33	29	P	P	08 32 42.6	+0.1
F21K	Alatina River	87.36	23	P	P	08 32 42.6	+0.2
H21K	Melozitna Rive	87.47	24	I	Amb	08 32 44.5	
H21K	Melozitna Rive	87.47	24	P	P	08 32 43.4	+0.4
PPLA	Purkeyville	87.49	27	P	P	08 32 43.4	+0.2
CHUM	Lake Minchumin	87.52	26	P	P	08 32 43.6	+0.5
CAST	Castle Rocks	87.58	27	P	P	08 32 43.4	-0.1
SKT	Skwentna	87.72	28	I	Amb	08 32 43.9	
SKT	Skwentna	87.72	28	P	P	08 32 43.7	-0.5
I21K	Tanana	87.77	25	P	P	08 32 44.6	+0.2
F22K	John River	87.89	23	P	P	08 32 45.9	+1.0
BRSE	Bradley Lake S	87.95	30	P	P	08 32 45.6	+0.2
SUA	Susitna One	88.06	29	I	Amb	08 32 46.0	
SUA	Susitna One	88.06	29	P	P	08 32 45.9	-0.1
E22K	Anaktuvuk Pass	88.08	22	P	P	08 32 46.0	+0.2
BPAW	Bear Paw Mtn.	88.12	26	P	P	08 32 46.2	+0.1
BPAW	Bear Paw Mtn.	88.12	26	P	P	08 32 45.8	-0.2
OBN	Obninsk	88.12	325f	eP	pP	08 32 44.9	-1.3
OBN	Obninsk	88.12	325f	eP	pP	08 42 49.3	-1.1
MLY	Manley	88.29	25	I	Amb	08 32 48.5	
MLY	Manley	88.29	25	P	P	08 32 46.7	-0.2
CUT	Chulitna	88.34	28	P	P	08 32 46.7	-0.3
TRF	Thorofare Moun	88.39	27	P	P	08 32 47.1	-0.5
RC01	Rabbit Creek A	88.52	29	P	P	08 32 47.8	-0.2
D23K	Nanushuk River	88.56	21	P	P	08 32 48.2	+0.1
COLD	Coldfoot	88.64	23	I	Amb	08 32 50.0	
COLD	Coldfoot	88.64	23	P	P	08 32 48.8	+0.4
G23K	Bananza Creek	88.68	23	P	P	08 32 49.1	+0.5
H23K	Yukon River	88.83	24	I	Amb	08 32 50.8	
H23K	Yukon River	88.83	24	P	P	08 32 50.1	+0.7
PMR	Palmer	88.84	29	P	P	08 32 49.4	0.0
I23K	Minto, Yukon-K	88.88	25	P	P	08 32 49.7	+0.1
E23K	Chandalar	88.90	22	P	P	08 32 50.2	+0.4
NEA2	Nenana	88.98	26	I	Amb	08 32 51.8	
NEA2	Nenana	88.98	26	P	P	08 32 49.3	-0.8
MCK	McKinley	89.00	26	I	Amb	08 32 50.4	
MCK	McKinley	89.00	26	P	P	08 32 49.3	-1.0
KNK	Knik Glacier	89.15	29	I	Amb	08 32 51.8	
KNK	Knik Glacier	89.15	29	P	P	08 32 51.1	+0.1
SML	Sawmill	89.22	28	P	P	08 32 51.0	-0.4
E24K	Franklin Bluff	89.30	20	P	P	08 32 51.6	+0.2
E24K	Your Creek	89.33	22	P	P	08 32 52.0	+0.2
WRH	Wood River Hil	89.40	26	I	Amb	08 32 52.1	
COLA	College	89.51	25f	eP	pP	08 32 55.4	+2.9
M23K	Glacier View	89.51	28	P	P	08 32 52.2	-0.5
H24K	Noodor Dome	89.51	24	I	Amb	08 32 55.1	
H24K	Noodor Dome	89.51	24	P	P	08 32 52.7	+0.1
F24K	Squaw Lake	89.54	23	P	P	08 32 52.7	0.0
P23K	Montague Islan	89.65	30	P	P	08 32 53.5	+0.2
G24K	Hadweenzic Riv	89.69	23	P	P	08 32 53.5	+0.1
SCM	Sheep Creek Mo	89.70	28	P	P	08 32 53.5	-0.1
BRTR	Keskin Array B	89.73	310	P	P	08 32 52.6	-1.7

HDA	Harding Lake	89.89	26	P	P	08 32 53.1	-1.3
IL31	IL31	89.92	25	P	I	08 32 53.6	-0.8
ILAR	Elison Array	89.92	25	P	P	08 32 52.9	-1.6
ILAR	comp=Z,1.8nm,0.5s,baz=243,slow=5.3,SNR=36						
QSPA	South Pole Ovi	89.94	180	P	I	08 32 55.4	+0.8
QSPA	South Pole Ovi	89.94	180	P	I	08 32 56.2	
D25K	Kavik River	90.11	21	P	P	08 32 55.6	+0.3
G25K	Beaman Lake	90.24	23	P	P	08 32 56.6	+0.8
M24K	Tolsona, Glenn	90.25	28	P	P	08 32 56.5	+0.4
KLU	Klutina	90.37	29	P	P	08 32 56.7	0.0
F25K	Christian Rive	90.40	23	P	P	08 32 57.2	+0.4
K24K	Donnelly Dome	90.41	26	P	P	08 32 56.7	-0.1
E25K	Arctic Village	90.42	22	P	P	08 32 57.4	+0.6
EYAK	Cordova Ski Ar	90.47	30	P	P	08 32 57.2	+0.1
PRP	Porcupine Dome	90.49	25	P	P	08 32 57.3	0.0
PAX	Paxson	90.56	27	I	Amb	08 33 00.3	
PAX	Paxson	90.56	27	P	P	08 32 57.7	+0.1
FYU	Fort Yukon	90.59	24	I	Amb	08 32 59.4	
C26K	Canden Bay	90.62	20	P	P	08 32 58.6	+1.0
HARP	HAARP	90.72	28	P	P	08 32 58.6	+0.3
BMAR	Burton Mountain	90.82	23	P	P	08 32 59.6	+1.0
RIDG	Independent Ri	90.82	26	P	P	08 32 58.5	+0.3
RIDG	Independent Ri	90.82	26	P	P	08 32 58.0	-0.7
F26K	Sheenjek River	90.97	22	P	P	08 32 59.9	+0.5
N25K	Chitina, Valde	91.00	29	P	I	08 33 00.2	+0.5
N25K	Chitina, Valde	91.00	29	P	I	08 33 01.1	
N25K	Chitina, Valde	91.00	29	P	P	08 32 59.7	0.0
C27K	Jago River	91.05	20	P	P	08 33 00.1	+0.5
G26K	Porcupine Rive	91.15	23	P	P	08 33 00.8	+0.7
SCRK	Sand Creek	91.20	26	I	Amb	08 33 01.7	
SCRK	Sand Creek	91.20	26	P	P	08 33 00.9	+0.3
MENT	Menasta	91.36	27	I	Amb	08 33 09.1	
GLB	Gilahina Butte	91.39	29	I	Amb	08 33 02.6	
I26K	Coal Creek Min	91.49	25	I	Amb	08 33 03.4	
I26K	Coal Creek Min	91.49	25	P	P	08 33 01.6	-0.2
L26K	Log Cabin Wild	91.53	27	P	P	08 33 02.2	+0.2
M26K	Nabesna, AK	91.72	28	P	P	08 33 03.3	+0.3
MCAR	McCarthy VSAT	91.77	29	P	P	08 33 03.6	+0.5
E27K	Coleen River	91.90	22	P	P	08 33 03.6	0.0
G27K	Doyon Strip	92.00	23	P	P	08 33 04.7	+0.6
K27K	Chicken	92.03	26	I	Amb	08 33 06.7	
K27K	Chicken	92.03	26	P	P	08 33 04.5	+0.2
H27K	Steamboat Moun	92.09	24	P	P	08 33 05.3	+0.7
I27K	Kanikot River	92.11	24	P	P	08 33 05.6	+0.9
L27K	Beaver Creek	92.22	27	I	Amb	08 33 07.1	
L27K	Beaver Creek	92.22	27	P	P	08 33 05.8	+0.6
BCAR	Beaver Creek A	92.23	27	P	P	08 33 05.9	+0.6
M27K	Edge Creek, AK	92.25	28	P	P	08 33 05.3	-0.2
EGAK	Eagle	92.37	25	I	Amb	08 33 06.9	
EGAK	Eagle	92.37	25	P	P	08 33 06.2	+0.4
AKAG	Mainlin Array B	92.59	321	P	P	08 33 05.0	-2.1
AKASG	Mainlin Array B	92.59	321	P	pP	08 33 04.6	-2.5
AKABB	Mainlin Array Si	92.59	321f	eP	pP	08 33 05.0	-2.1
BVCY	Beaver Creek	92.71	28	P	P	08 33 07.9	+0.3
ARCES	ARCCESS Array B	92.73	304	P	P	08 33 05.6	-1.8
YUK3	Moose Creek	92.96	28	P	P	08 33 09.5	+0.6
MNK	Minsk	93.15	324	I	MLR	09 16 25.7	
MNK	Minsk	93.15	324	I	pP	08 33 06.3	-3.3
MNK	Minsk	93.15	324	I	pP	08 33 46.3	-2.2
MNK	Minsk	93.15	324	I	pP	08 36 51.2	
MNK	Minsk	93.15	324	I	pP	08 38 52.0	
MNK	Minsk	93.15	324	I	SS	08 43 24.7	-4.4
MNK	Minsk	93.15	324	I	SS	08 50 17.2	-4.4
MNK	Minsk	93.15	324	I	SSS	08 53 59.0	
MNK	Minsk	93.15	324	I	MLR	09 15 53.9	
MNK	Minsk	93.15	324	I	MLR	09 15 58.2	
O28M	Mount Upton	93.19	29	P	P	08 33 10.5	+0.4
DAWY	Dawson	93.21	26	P	I	08 33 10.3	+0.5
DAWY	Dawson	93.21	26	P	I	08 33 11.7	
DAWY	Dawson	93.21	26	P	P	08 33 10.1	+0.3
PINM	Pinnacle	93.22	30	P	P	08 33 10.6	+0.7
YUK8	Steele Glacier	93.34	29	P	P	08 33 11.1	+0.3
SPTS	Spitsbergen Ar	93.44	349	P	pP	08 33 09.5	-1.0
SPTS	Spitsbergen Ar	93.44	349	P	pP	08 33 09.5	-1.0

VSU	Vasula	93.44	328f	eP	pP	08 33 08.2	-2.6
FINES	FINESSE Array B	93.46	331	P	P	08 33 08.5	-2.4
I29M	Ogilvie Camp	93.51	25	I	Amb	08 33 12.2	
I29M	Ogilvie Camp	93.51	25	P	P	08 33 11.3	+0.2
J29M	Klondike Camp	93.67	25	I	Amb	08 33 13.7	
J29M	Klondike Camp	93.67	25	P	P	08 33 12.6	+0.6
PNL	Peninsula	93.70	30	P	P	08 33 12.5	+0.5
NACGM	Naroch	93.75	325	eP	pP	08 33 11.5	-0.9
M29M	Somme Creek	93.82	27	P	P	08 33 13.8	+1.1
YUK4	Talbot Arm	93.87	29	P	P	08 33 13.7	+0.7
L29M	L29M	93.89	27	P	P	08 33 13.8	+0.9
EPYK	Eagle Plains	94.00	23	P	P	08 33 13.6	+0.3
O29M	Mount Kennedy	94.03	30	P	P	08 33 14.5	+0.8
K29M	Barlow Dome	94.05	26	P	P	08	

PDAR	Pinedale Array	116.40	41	PKP	PKIKP	08 38 39.3	+0.2	140A	Norwalk	126.87	30	P	PKPdf	08 38 58.4	-0.4	F62A	baz=342	132.95	21	P	PKIKP	08 39 10.8	-0.4
PDAR	comp=Z,1.5nm,0.5s,baz=136,slow=1.2,SNR=18				PKPKPbc	08 49 06.0	-3.5	WMOK	Wichita Mounta	127.68	44	P	PKIKP	08 39 01.2	-0.1	J55A	Hilton	132.95	21	P	PKPdf	08 39 10.3	-0.1
PDAR	comp=Z,1.8nm,0.7s,baz=130,slow=4.4,SNR=5.3				PKPKPbc	08 38 38.8	-0.3	WMOK	Wichita Mounta	127.68	44	P	PKIKP	08 39 01.4	+0.1	J55A	baz=330			P	PKPdf	08 39 10.3	-0.1
PDAR	Parker Dam,Lak	116.56	51	P	PKIKP	08 38 39.5	+0.4	I42A	Draeger Farm,	127.71	29	P	PKPdf	08 39 00.1	-0.3	P49A	Miami Univ. Ec	133.06	30	P	PKPdf	08 39 10.9	+0.2
LAO	LASA Array	116.54	36	P	PKIKP	08 38 39.9	+0.8	JFWS	Jewell Farm	127.75	31	P	PKPdf	08 38 59.7	-0.9	P49A	Miami Univ. Ec	133.06	30	P	PKIKP	08 39 11.5	-0.4
LAO	LASA Array	116.54	36	P	PKIKP	08 38 39.6	+0.5	JFWS	Jewell Farm	127.75	31	P	PKPdf	08 39 01.1	-0.4	WCNY	West Carthage	133.06	19	P	PKPdf	08 39 11.1	+0.5
BSUT	Blindstream Ca	116.57	44	PKPdf	PKIKP	08 38 40.4	+0.7	H43A	Windswept, Lux	127.82	28	P	PKPdf	08 39 00.7	0.0	N51A	Ashland	133.08	27	P	PKPdf	08 39 11.3	+0.6
DGMT	Dagmar	116.72	33	P	PKIKP	08 38 40.2	+0.9	L40A	Anamosa	127.84	32	P	PKPdf	08 39 00.4	-0.4	N51A	baz=324			P	PKPdf	08 39 11.3	+0.6
DGMT	Dagmar	116.72	33	P	PKIKP	08 38 39.6	+0.3	E46A	Sault Ste Mari	127.85	24	P	PKPdf	08 39 00.9	+0.2	ERPA	Erie	133.11	24	P	PKPdf	08 39 10.9	+0.1
WUAZ	Wupatki	118.15	49	P	PKIKP	08 38 43.5	+0.9	DBIC	Dimbokro	127.85	278	PKP	PKPdf	08 39 01.3	-0.2	ERPA	Erie	133.11	24	P	PKIKP	08 39 11.6	-0.3
214A	Organ Pipe Nat	118.29	53	P	PKIKP	08 38 43.5	+0.7	T35B	Sooner Cattle	128.00	41	P	PKIKP	08 39 01.8	0.0	F64A	Sherman	133.19	11	P	PKIKP	08 39 11.6	-0.4
K22A	Casper	118.42	40	P	PKPdf	08 38 42.9	0.0	ABTX	Abilene, Hawle	128.15	47	P	PKIKP	08 39 02.1	-0.2	F64A	baz=344			P	PKIKP	08 39 11.6	-0.4
K22A	Casper	118.42	40	P	PKPdf	08 38 42.9	0.0	ABTX	Abilene, Hawle	128.15	47	P	PKIKP	08 39 02.7	+0.4	WCI	Wyandotte Cave	133.22	32	P	PKPdf	08 39 11.2	+0.2
O20A	White River Ci	118.48	43	P	PKIKP	08 38 44.1	+1.0	P38A	Dawn	128.18	36	P	PKPdf	08 39 01.7	+0.2	WCI	Wyandotte Cave	133.22	32	P	PKIKP	08 39 12.3	0.0
RSSD	Black Hills	119.21	37	PKPdf	PKIKP	08 38 44.1	-0.4	G45A	Suttons Bay	128.34	26	P	PKPdf	08 39 01.6	0.0	J56A	Wolcott	133.28	20	P	PKIKP	08 39 11.8	-0.4
RSSD	Black Hills	119.21	37	PKIKP	PKIKP	08 38 44.1	-0.4	L42A	Oliver, Polo	128.71	31	P	PKPdf	08 39 02.2	-0.2	J56A	baz=332			P	PKIKP	08 39 11.8	-0.4
RSSD	Black Hills	119.21	37	P	PKPdf	08 38 44.3	-0.2	K43A	Burlington	128.87	30	P	PKPdf	08 39 02.9	+0.2	ACSO	Alum Creek Sta	133.35	28	P	PKPdf	08 39 11.5	+0.3
W18A	Petrified Fore	119.53	49	P	PKIKP	08 38 46.4	+1.1	GLMI	Graying	128.96	25	P	PKPdf	08 39 03.2	+0.4	M53A	WI Miller and	133.29	25	P	PKPdf	08 39 11.9	+0.6
MDND	Maddock	119.56	32	P	PKPdf	08 38 44.5	-0.2	GLMI	Graying	128.96	25	P	PKIKP	08 39 03.5	0.0	WVNY	West Valley, N	133.41	22	P	PKPdf	08 39 11.1	-0.2
MDND	Maddock	119.56	32	P	PKIKP	08 38 45.0	+0.2	N41A	Perchoven Midland	128.98	33	P	PKPdf	08 39 02.6	-0.4	ALLY	Alegheny Cole	133.44	24	P	PKPdf	08 39 12.0	+0.6
MVCO	Mesa Verde	119.59	46	P	PKIKP	08 38 46.4	+0.9	TUL1	Leonard	129.06	41	P	PKPdf	08 39 03.5	+0.2	J57A	Williamstown	133.46	19	P	PKPdf	08 39 11.8	+0.5
N23A	Red Feather La	119.66	41	P	PKIKP	08 38 45.9	+0.4	TUL1	Leonard	129.06	41	P	PKIKP	08 39 04.4	+0.5	J57A	baz=333			P	PKPdf	08 39 11.8	+0.5
E28A	Huff	119.75	33	P	PKPdf	08 38 45.1	-0.1	TUL1	Leonard	129.06	41	P	PKIKP	08 39 02.7	-0.8	N53A	Libson	133.84	25	P	PKPdf	08 39 12.0	-0.1
TUC	Tucson	119.78	52	P	PKIKP	08 38 46.3	+0.5	JCT	Junction City	129.07	49	PKPdf	PKIKP	08 39 02.7	-0.8	N53A	baz=319			P	PKIKP	08 39 12.4	-0.4
ULM	Lac du Bonnet	119.84	28	PKP	PKPdf	08 38 44.6	-0.5	JCT	Junction City	129.07	49	PKP	PKIKP	08 39 03.5	0.0	PKME	Peaks-Kenny Pk	133.57	12	P	PKIKP	08 39 12.5	-0.2
ISCO	Idaho Springs	120.42	42	P	PKIKP	08 38 47.7	+0.6	JCT	Junction City	129.07	49	P	PKIKP	08 39 04.0	-0.2	T47A	Sharon Grove	133.68	34	P	PKIKP	08 39 12.9	-0.3
ISCO	Idaho Springs	120.42	42	P	PKIKP	08 38 47.6	+0.5	JCT	Junction City	129.07	49	P	PKIKP	08 39 04.0	-0.2	W45A	Hickory Valley	133.72	38	P	PKPdf	08 39 12.1	0.0
S22A	4UR Ranch, Cre	120.54	45	P	PKIKP	08 38 48.0	+0.6	P40A	Paris	129.11	35	P	PKPdf	08 39 03.4	+0.2	J58A	Remsen	133.73	19	P	PKPdf	08 39 11.8	-0.1
TOA0	Torodi Ar. Sit	120.69	285	PKP	PKIKP	08 38 46.7	-1.0	L44A	Lake County Fo	129.47	30	P	PKPdf	08 39 04.1	+0.2	J58A	baz=334,SNR=7.2			P	PKIKP	08 39 11.8	-0.1
TORD	Torodi Ar. Bea	120.69	285	PKP	PKIKP	08 38 47.5	-0.3	L44A	Lake County Fo	129.47	30	P	PKPdf	08 39 04.2	+0.4	R49A	Shelbyville	133.76	31	P	PKIKP	08 39 12.7	+0.6
Q24A	Divide	121.14	43	P	PKPdf	08 38 48.4	0.0	Z35A	Perchoven, San	129.50	45	P	PKIKP	08 39 05.1	+0.2	R49A	baz=319			P	PKIKP	08 39 12.7	+0.6
AGMN	Agassiz Nation	121.18	30	P	PKPdf	08 38 47.4	-0.4	S39A	Bolivar	129.54	38	P	PKPdf	08 39 04.2	+0.1	N53A	Libson	133.84	25	P	PKIKP	08 39 12.0	-0.1
AGMN	Agassiz Nation	121.18	30	P	PKIKP	08 38 46.8	-1.0	U38A	Gravette	129.65	40	PKP	PKIKP	08 39 04.3	-0.1	N53A	baz=325			P	PKIKP	08 39 12.0	-0.1
D32B	Dogwood Acres,	121.37	31	P	PKIKP	08 38 48.0	-0.2	U38A	Gravette	129.65	40	P	PKIKP	08 39 04.3	-0.1	WWT	Waverly	133.87	35	PKIKP	PKIKP	08 39 12.2	-0.1
SDCO	Great Sand Dun	121.48	44	P	PKIKP	08 38 49.5	+0.3	R40A	Maddies Statio	129.80	37	P	PKIKP	08 39 04.6	0.0	WWT	Waverly	133.87	35	PKIKP	PKIKP	08 39 12.2	-0.1
SDCO	Great Sand Dun	121.48	44	P	PKIKP	08 38 49.7	+0.5	HDIL	Hopedale	129.94	32	P	PKIKP	08 39 04.7	-0.1	WWT	Waverly	133.87	35	PKIKP	PKIKP	08 39 12.2	-0.1
SUSO	Miller	122.02	35	P	PKIKP	08 38 49.0	-0.5	M44A	Midewin, Midew	129.99	31	P	PKIKP	08 39 05.4	-0.3	K57A	Scipio Center	133.88	20	P	PKIKP	08 39 12.3	+0.1
SUSO	Miller	122.02	35	P	PKIKP	08 38 49.2	-0.4	WHTX	Lake Whitney,	130.07	46	P	PKIKP	08 39 07.0	+0.9	MCVT	Middlebury Col	133.88	16	P	PKIKP	08 39 13.1	-0.4
121A	Cookes Peak, D	122.05	51	P	PKIKP	08 38 51.2	+0.8	X37A	Clayton	130.10	42	P	PKIKP	08 39 06.0	-0.1	J59A	Scipio Center	133.88	18	P	PKIKP	08 39 12.5	+0.3
121A	Cookes Peak, D	122.05	51	P	PKIKP	08 38 51.2	+0.8	J47A	Sunmer	130.13	27	P	PKIKP	08 39 05.0	0.0	J59A	baz=335,SNR=6.6			P	PKIKP	08 39 12.5	+0.3
ANMO	Albuquerque	122.05	48	P	PKIKP	08 38 51.0	+0.7	J47A	Sunmer	130.13	27	P	PKIKP	08 39 05.0	0.0	LBNH	Libson	133.91	15	P	PKIKP	08 39 13.1	-0.5
ANMO	Albuquerque	122.05	48	P	PKIKP	08 38 50.9	+0.6	837A	Chaparral WMA,	130.39	52	P	PKIKP	08 39 06.8	0.0	O52A	Adamsville	133.97	27	P	PKIKP	08 39 12.3	-0.2
Y22A	Socorro	122.10	49	P	PKIKP	08 38 50.6	+0.2	833A	Chaparral WMA,	130.39	52	P	PKIKP	08 39 07.4	+0.5	O52A	baz=324			P	PKIKP	08 39 12.3	-0.2
B35A	Bob, Littlefor	122.17	28	P	PKIKP	08 38 49.4	-0.3	I49A	Point Hope	130.43	25	P	PKIKP	08 39 05.8	+0.2	G65A	Princeton	133.97	11	P	PKIKP	08 39 12.8	+0.5
T25A	Trinidad	122.53	45	P	PKIKP	08 38 51.4	+0.2	I49A	Point Hope	130.43	25	P	PKIKP	08 39 05.8	+0.2	G65A	baz=345			P	PKIKP	08 39 12.8	+0.5
F3A	5 Mile Ranch,	122.59	32	P	PKIKP	08 38 50.4	-0.2	P43A	Skaggs, Pawnee	130.46	33	P	PKIKP	08 39 06.1	+0.3	OXF	Oxford	134.01	38	P	PKIKP	08 39 13.0	+0.3
KSCO	Kaye Shedlock'	122.81	42	P	PKIKP	08 38 51.4	0.0	CCM	Cathedral Cave	130.56	36	PKP	PKIKP	08 39 06.2	+0.2	OXF	Oxford	134.01	38	P	PKIKP	08 39 12.5	-0.2
KSCO	Kaye Shedlock'	122.81	42	P	PKIKP	08 38 51.4	0.0	CCM	Cathedral Cave	130.56	36	PKP	PKIKP	08 39 06.2	+0.2	L56A	Greenwood	134.03	22	P	PKIKP	08 39 12.4	-0.1
K31A	O'Neill	123.23	36	P	PKIKP	08 38 51.8	-0.2	CCM	Cathedral Cave	130.56	36	P	PKIKP	08 39 06.6	-0.3	L56A	baz=330,SNR=6.1			P	PKIKP	08 39 12.4	-0.1
EYMN	Ely	123.51	27	P	PKIKP	08 38 51.8	-0.5	435B	Jarvis	130.59	48	P	PKIKP	08 39 07.4	+0.2	PAMR	Moraine State	134.05	25	P	PKIKP	08 39 12.4	-0.1
EYMN	Ely	123.51	27	P	PKIKP	08 38 52.1	-0.2	O44A	Mansfield	130.66	32	P	PKIKP	08 39 06.6	+0.4	O53A	New Philadelph	134.14	26	P	PKIKP	08 39 13.2	+0.4
ECSD	EROS Data Cent	123.78	34	P	PKIKP	08 38 5																	

29d 9h

CUT CUT	Chulitna	68.73	27	P	P	09 34 13.4	-0.8
KTH I21K	Kantishna Hill Tanana	68.80	26	P	I/Amb	09 34 14.8	+0.3
I21K	Tanana	68.80	24	P	P	09 34 14.9	+0.3
BP/W BP/W	Bear Paw Mtn.	68.89	25	P	I/Amb	09 34 15.0	-0.2
BP/W	Bear Paw Mtn.	68.89	25	P	P	09 34 15.0	-0.2
F21K	Alatna River	68.90	22	P	P	09 34 15.3	+0.1
TRF TRF	Thorofore Mtn	69.00	26	P	I/Amb	09 34 15.3	-0.8
TRF	Thorofore Mtn	69.00	26	P	P	09 34 15.3	-0.8
PMR PMR	Palmer	69.05	28	P	P	09 34 15.5	-0.7
PMR	Palmer	69.05	28	P	P	09 34 15.5	-0.7
PMR	Palmer	69.05	28	P	P	09 34 15.5	-0.7
KKAR KKAR	Karatay Array	69.19	312	P	P	09 34 17.9	+0.4
PWL PWL	Port Wells	69.25	29	P	P	09 34 17.4	-0.1
MLY MLY	Manley	69.26	25	P	P	09 34 17.6	+0.1
KNK	Knik Glacier	69.32	29	P	P	09 34 18.0	+0.1
A21K	Barrow	69.44	17	P	P	09 34 18.4	0.0
SML SML	Sawmill	69.47	28	P	P	09 34 18.4	-0.5
F22K	John River	69.47	22	P	P	09 34 19.6	+0.8
P23K	Montague Island	69.51	30	P	P	09 34 19.2	+0.1
BWN MCK	Browne	69.55	26	P	P	09 34 18.9	-0.4
MCK MCK	McKinley	69.66	26	P	I/Amb	09 34 19.6	-0.4
MCK	McKinley	69.66	26	P	P	09 34 19.6	-0.4
MCK	McKinley	69.66	26	P	P	09 34 19.6	-0.4
M23K	Glacier View	69.74	28	P	P	09 34 20.4	-0.2
E22K	Anaktuvuk Pass	69.81	21	P	P	09 34 21.4	+0.5
NEA2	Nenana	69.83	25	P	P	09 34 21.3	+0.3
I23K I23K	Minto, Yukon-K	69.86	25	P	I/Amb	09 34 22.0	+0.9
I23K	Minto, Yukon-K	69.86	25	P	P	09 34 21.6	+0.0
SCM SCM	Sheep Creek Mo	69.94	28	P	P	09 34 21.7	-0.1
SCM	Sheep Creek Mo	69.94	28	P	P	09 34 21.7	-0.1
SCM	Sheep Creek Mo	69.94	28	P	P	09 34 21.6	-0.1
H23K	Yukon River	69.97	24	I/Amb	I/Amb	09 34 23.4	
G23K	Bananza Creek	70.03	23	P	P	09 34 22.9	+0.6
BVAR	Borovoye Array	70.10	322	LR	LR	10 07 27.0	
COLD	Coldfoot	70.11	22	I/Amb	I/Amb	09 34 25.0	
COLD	Coldfoot	70.11	22	P	P	09 34 23.4	+0.7
BRVK BRVK	Borovoye	70.17	322	P	I/Amb	09 34 23.4	+0.0
BRVK	Borovoye	70.17	322	P	I/Amb	09 34 22.9	-0.4
WRH WRH	Wood River Hill	70.21	25	P	I/Amb	09 34 22.5	-0.8
MDM MDM	Murphy Dome	70.27	25	P	I/Amb	09 34 24.6	+0.9
COLA COLA	College	70.41	25	P	P	09 34 24.0	-0.5
COLA	College	70.41	25	P	P	09 34 23.8	-0.7
COLA	College	70.41	25	P	P	09 34 24.0	-0.4
EYAK	Cordova Ski Ar	70.43	30	P	P	09 34 24.5	-0.2
D23K	Namushuk River	70.47	21	P	P	09 34 25.3	+0.4
KLU KLU	Klutina	70.52	29	P	P	09 34 25.4	0.0
DIV M24K	Divide	70.53	29	P	P	09 34 25.1	-0.3
E23K	Chandler	70.57	22	P	P	09 34 26.3	+0.7
H24K	Noodor Dome	70.63	24	I/Amb	I/Amb	09 34 28.0	
H24K	Noodor Dome	70.63	24	P	P	09 34 26.1	+0.1
POKR	Poker Flat Res	70.64	25	P	P	09 34 24.9	-1.0
HDA HDA	Harding Lake	70.67	26	P	I/Amb	09 34 25.9	
HDA	Harding Lake	70.67	26	P	P	09 34 25.1	-1.1
IL31 IL31	Ilkuk	70.78	25	P	I/Amb	09 34 25.6	-1.1
ILAR	Eielson Array	70.78	25	P	P	09 34 25.3	-1.5
ILAR	Eielson Array	70.78	25	P	P	09 34 25.5	-1.3
E24K	Yukon River	70.98	22	P	P	09 34 28.2	+0.2
G24K	Hadweenzic Riv	71.00	23	P	P	09 34 27.9	-0.3
PAX PAX	Paxson	71.02	27	P	I/Amb	09 34 28.0	-0.4
PAX	Paxson	71.02	27	P	P	09 34 28.0	-0.4
PAX	Paxson	71.02	27	P	P	09 34 28.2	-0.2
K24K	Donnelly Dome	71.05	26	P	P	09 34 28.1	-0.4
HARP	HAARP	71.05	28	P	P	09 34 28.7	+0.2
F24K	Squaw Lake	71.05	22	P	P	09 34 29.1	+0.6
N25K	Chitina, Valde	71.17	29	P	P	09 34 29.7	+0.3
C24K	Franklin Bluff	71.36	20	P	P	09 34 30.5	+0.3
RIDG	Independent Riv	71.44	27	P	P	09 34 30.5	-0.4
PRP	Porcupine Dome	71.51	25	P	P	09 34 30.1	-1.2
G25K	Bearman Lake	71.55	23	P	P	09 34 31.6	+0.2
VRDI VRDI	Verde Repeater	71.65	29	P	I/Amb	09 34 31.9	-0.5
DOT	Dot Lake	71.77	27	P	P	09 34 32.5	-0.3
SCRK	Sand Creek	71.86	26	P	P	09 34 33.3	-0.2

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SCRK	Sand Creek	71.86	26	P	P	09 34 33.4	-0.2
MCARA	McCarthy VSA T	71.88	29	P	P	09 34 33.6	+0.1
F25K	Christian River	71.91	22	P	P	09 34 34.1	+0.5
L26K L26K	Log Cabin Wild	71.98	27	P	I/Amb	09 34 33.9	-0.3
L26K	Log Cabin Wild	71.98	27	P	P	09 34 34.3	+0.1
M26K	Nabesna, AK	72.04	28	I/Amb	I/Amb	09 35 46.0	
M26K	Nabesna, AK	72.04	28	P	P	09 34 35.0	+0.5
D25K	Kavik River	72.05	21	P	P	09 34 34.8	+0.3
E25K	Arctic Village	72.05	22	P	P	09 34 35.1	+0.6
I26K	Coal Creek Min	72.44	25	P	P	09 34 36.4	-0.4
G26K	Porcupine Riv	72.48	23	P	P	09 34 37.5	+0.5
BARN	Barnard Glacie	72.49	30	I/Amb	I/Amb	09 34 38.8	
F26K	Sheenjek River	72.49	22	P	P	09 34 37.7	+0.6
M27K	Edge Creek, AK	72.55	28	I/Amb	I/Amb	09 34 39.0	
M27K	Edge Creek, AK	72.55	28	P	P	09 34 37.2	-0.5
L27K	Beaver Creek	72.67	27	I/Amb	I/Amb	09 34 39.5	
L27K	Beaver Creek	72.67	27	P	P	09 34 38.1	-0.2
C26K	Camden Bay	72.69	20	P	P	09 34 38.7	+0.5
K27K	Chicken	72.70	26	I/Amb	I/Amb	09 34 40.6	
K27K	Chicken	72.70	26	P	P	09 34 38.7	+0.3
BVCY	Beaver Creek	73.03	28	P	P	09 34 40.6	+0.2
C27K	Jago River	73.03	21	P	P	09 34 40.6	+0.3
PINM	Pinnacle	73.07	31	P	P	09 34 40.2	-0.6
I27K	Kandik River	73.12	25	P	P	09 34 41.0	+0.1
YUK3	Moose Creek	73.14	29	P	P	09 34 41.9	+0.6
O28M	Mount Upton	73.17	30	P	P	09 34 41.2	-0.4
EGAK	Eagle	73.20	26	P	P	09 34 41.8	+0.5
H27K	Steamboat Moun	73.25	24	P	P	09 34 42.0	+0.3
G27K	Doyon Strip	73.29	24	P	P	09 34 42.3	+0.4
YUK8	Steele Glacier	73.43	29	P	P	09 34 43.2	+0.2
PNL	Peninsula	73.47	31	P	P	09 34 43.6	+0.6
E27K	Coleen River	73.53	22	P	P	09 34 44.0	+0.7
DAWY	Dawson	73.87	27	P	I/Amb	09 34 45.2	-0.1
DAWY	Dawson	73.87	27	P	P	09 34 45.7	+0.3
O29M	Motok Kennedy	73.93	31	P	P	09 34 46.2	+0.4
YUK4	Talbot Ar	73.97	29	P	P	09 34 47.2	+1.0
YUK6	Outpost Mounta	74.08	30	P	P	09 34 47.4	+0.5
M29M	Somme Creek	74.14	28	P	P	09 34 47.9	+0.9
L29M	L29M	74.35	28	P	P	09 34 48.7	+0.6
J29M	Klondike Camp	74.42	26	P	P	09 34 49.3	+0.7
I29M	Ogilvie Camp	74.46	25	P	P	09 34 49.0	+0.3
HYT	Haines Junctio	74.49	30	P	I/Amb	09 34 49.8	+0.0
HYT	Haines Junctio	74.49	30	P	P	09 34 49.5	+0.4
K29M	Barlow Dome	74.68	27	P	P	09 34 50.5	+0.4
P30M	Million Dollar	74.72	31	P	P	09 34 51.1	+0.7
N30M	Aishikik Lake	74.72	29	P	P	09 34 50.9	+0.5
M30M	Minto, Yukon	74.92	28	P	I/Amb	09 34 51.8	+0.3
M30M	Minto, Yukon	74.92	28	P	P	09 34 52.1	+0.6
PLBC	Pleasant Camp	75.00	31	P	P	09 34 52.7	+0.8
S31K	Pelican	75.02	33	P	P	09 34 52.9	+0.9
O30N	Mendenhall	75.18	30	P	P	09 34 53.4	+0.4
EPYK	Eagle Plains	75.20	24	P	P	09 34 53.3	+0.3
N31M	Braeburn, Yuko	75.35	29	P	I/Amb	09 34 54.9	+0.9
N31M	Braeburn, Yuko	75.35	29	P	P	09 34 54.6	+0.6
MAYO	Mayo, Yukon	75.39	27	P	P	09 34 54.9	+0.8
MAYO	Mayo, Yukon	75.39	27	P	P	09 34 54.9	+0.8
G31K	Aoh, Zraii Nij	75.44	24	P	P	09 34 54.5	+0.1
SIT	Sitka	75.50	34	P	P	09 34 55.2	+0.4
SKAG	Skagway	75.52	31	P	I/Amb	09 34 55.5	+0.6
SKAG	Skagway	75.52	31	P	P	09 34 55.6	+0.6
BESE	Bessie Mountai	75.76	32	P	I/Amb	09 34 57.1	+0.7
BESE	Bessie Mountai	75.76	32	P	P	09 34 57.4	+0.2
S32K	Killino	75.90	34	P	P	09 34 57.7	+0.4
R32K	Eaglecrest	75.93	33	P	P	09 34 58.1	+0.3
M31M	Drury Creek, Y	76.03	29	P	I/Amb	09 34 58.0	+0.2
M31M	Drury Creek, Y	76.03	29	P	P	09 34 60.0	+0.2
P32M	Atlin	76.35	31	P	P	09 34 59.7	-0.2
F31M	Tsiglichtic	76.42	23	P	P	09 35 00.9	+0.3
FARO	Faro, Yukon	76.52	29	P	P	09 35 00.9	+0.3
FARO	Faro, Yukon	76.52	29	P	P	09 35 00.4	0.0
INK	Inuvik	76.53	22	P	P	09 34 59.8	-1.3
ABKAR	Akbulak array	76.55	318	P	P	09 35 01.7	+0.3
N32M	Quiet Lake	76.65	30	P	P	09 35 02.5	+0.7
U33K	Whale Pass	76.72	35	P	P	09 35 02.5	+0.7
P33M	Teslin, Yukon	76.79	31	P	P	09 35 02.6	+0.2
P33M	Teslin, Yukon	76.79	31	P	P	09 35 02.6	+0.3
T33K	Petersburg	76.80	34	P	P	09 35 02.6	+0.4
ARU	Arti	77.08	325	P	P	09 35 02.7	-1.2
ARU	Arti	77.08	325	P	P	09 35 02.9	-1.0
ARU	Arti						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Huaiquique, Diego Aracena, Minye Minye, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like South Karori, Matariki Terra, Wellington, Lake Taylor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Lake Benmore, Dannevirke, Wanganui, Takapari Road, etc.

IDC 29 09:40:25.9.2.6.0.00S-130.75E, h0km, mb3.4/1, m-btm3.3/3, ML3.4/2, Error ellipse: s-maj=145.1km s-min=33.5km az=71.0, Banda Sea

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

NOU 29 09:41:49.7.0.4.42.23S:173.86E, h16km, MLv4.0/11, South Island, New Zealand

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kahutara, Wairarapa, Blackbirch Sta, etc.

NOU 29 09:53:59.5.42.68S:173.56E, h2km, MLv4.2/13, South Island, New Zealand

WEL 29 09:54:00.9.43.5.4.17.3E, h5km, 9km, M4.0/11, ML4.2/11, MLv4.0/11, Error ellipse: s-maj=0.0km s-min=0.0km az=81.1, confirmed

ISC 29 09:53:59.2.1.2.42.65S:173.58E:0.04, h9km, 10km, n130, e1527/137, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kahutara, Greta Valley S, Amberley, Blackbirch Sta, etc.

SOME 29 09:54:31.3.4.1.77N-81.50E, h10km, NNC 29 09:54:31.2.4.2.42.16N-81.75E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=19.2km s-min=12.0km az=164.0

ISC 29 09:54:30.6.3.2.42.0N:0.81.7E:0.1, h16km, n18, e154/21, 2C-20, Northern Xinjiang

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

29d 12h

Table with columns: HAZ, Station Name, Time, Res, Phase ID, ISC, H m s, ISC. Includes stations like Pakihiroa, Puketiti, Raukumara Rang, etc.

ISC 29 10:38:23.2, 5.6, 24S, 130.84E, h0km, mb3.5/1, mbmp3.8/3, ML4.2/2, MS2.9/1, Error ellipse: s-maj=145.0km s-min=31.9km az=71.0

ISC 29 10:38:31.9, 0.9, 6.19S, 0.07, 131.5E, 0.1, h100km, n18, 4326/19, Tanimbar Islands region

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, H m s, ISC. Includes stations like SAUI, BNDI, FAKI, etc.

ISC 29 10:53:04.8, 10.0, 21.97S, 175.51W, h119km, B3km, mb3.6/5, mbmp4.0/7, ML5.5/1, MS3.4/2, Error ellipse:

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s-maj=128.0km s-min=22.5km az=150.0 ISC 29 10:53:02.4, 1.3, 22.1S, 0.3, 175.4W, 0.1, h100km, n16, c0818/8, mb3.8/5, Tonga Islands region

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, H m s, ISC. Includes stations like MSFV, RAR, DZM, etc.

ISC 29 10:56:32.5, 6.8, 36.11N, 71.30E, h79km, 48km, mb3.5/4, mbmp3.7/8, ML3.4/4, Error ellipse: s-maj=69.6km s-min=32.4km az=158.0

NNC 29 10:56:43.9, 2.9, 36.98N, 71.29E, h156km, 145km, mb2.8, mpv0.5, Error ellipse: s-maj=84.0km s-min=69.0km az=0.0

ISC 29 10:56:35.9, 0.8, 36.44N, 0.07, 71.34E, 0.09, h100km, n27, r197/31, mb3.7/4, 3C-3D, Afghanistan-Tajikistan border

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, H m s, ISC. Includes stations like AML, UCH, EKS2, etc.

MAN 29 11:09:05.0, 8.74N, 126.50E, h27km, mb4.2, ML3.0, MS2.7, 4C-2D, Mindanao

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, H m s, ISC. Includes stations like BIPH, BUTP, GLSP, etc.

JMA 29 11:15:28.2, 0.2, 25N, 151.14E, h168km, MV4.5/12, IOTO ISLANDS REGION, Volcano Islands region

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, H m s, ISC. Includes stations like JHH2, CBJ, etc.

ISC 29 11:37:50.0, 1.9, 4.65N, 127.57E, h0km, mb3.6/4, mbmp3.6/5, ML3.3/1, Error ellipse: s-maj=91.1km s-min=20.8km az=58.0, Talaud Islands

1700

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, H m s, ISC. Includes stations like SIJI, WRA, ASAR, etc.

DJA 29 12:24:52.0, 2.0, 6.7S, 3.3, 12.8E, h390km, 5km, M4.0/14, mb4.1/12, mb4.7/7, MLV4.2/14, Mw(mB)3.9/7

NEIC 29 12:24:52.0, 0.8, 6.13S, 0.05, 127.98E, 0.10, h389km, 11km, mb4.2/10, Error ellipse: s-maj=14.2km s-min=7.6km

ISC 29 12:24:54.4, 2.1, 6.10S, 128.43E, h410km, 2.7km, mb3.2/5, mbmp4.2/8, Error ellipse: s-maj=32.8km s-min=14.4km az=74.0

ISC 29 12:24:52.6, 0.6, 6.07S, 0.06, 132.10E, 0.07, h400km, n50, r130/50, mb3.7/7, Banda Sea

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, H m s, ISC. Includes stations like BNDI, MSAI, NLAJ, etc.

ISC 29 12:35:48.7, 5.9, 4.89S, 133.07E, h0km, mb3.6/1, mbmp3.6/3, MS2.8/1, Error ellipse: s-maj=363.1km s-min=31.6km az=76.0, Irian Jaya region

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, H m s, ISC. Includes stations like SIJI, WRA, ASAR, etc.

ISC 29 12:44:35.0, 0.5, 28.63S, 176.59W, h0km, mb4.4/13, mbmp4.4/14, ML4.7/1, MS4.2/37, Error ellipse: s-maj=20.2km s-min=14.9km az=144.0

NEIC 29 12:44:41.1, 1.2, 28.63S, 0.1, 176.76W, 0.05, h35km, 1km, mb4.9/68, Error ellipse: s-maj=16.7km s-min=7.8km az=169.0

ISC 29 12:40:20.4, 2.8, 81S, 0.06, 176.60W, 0.06, h36km, n133, r283/98, mb4.8/41, MS4.2/36, Kermadec Islands region

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, H m s, ISC. Includes stations like RAO, WRA, etc.

29d 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like USRK, CMAR, CHGN, QSPA, Q19K, SONL, M19K, L19K, K19K, TRF, M24K, V25K, VRDI, IMAR, MLY, WRH, CCB, IL31, ILAR, BCAR, EGAK, NVAR, MK31, MKAR, PDAR, YKA, TXAR.

KRSC 29 13:25:17.2-1.0, 56.96N:163.16E, h34km, 12km, M3.9
IDC 29 13:25:18.4-2.1, 56.30N:164.10E, h0km, mb3.4/3,
mbtmp3.3/4, ML2.1/1, Error ellipse: s-maj=156.4km,
s-min=33.0km, az=141.0

ISC 29 13:25:16.9-2.0, 56.83N:166.162E, 0.05, h4km, 13km,
n24, ϵ183/28, mb3.5/3, Near east coast of Kamchatka

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like KBG, KBTR, SMKR, SMKR, SRKR, KLY, BZGR, BZP, EZMR, KIRR, KPT, KMNR, SRDR, TUMR, BKI, TIGL, ESO, PETK, ILAR, H112, H113, H111, PDAR, TXAR.

KRSC 29 13:26:21.7-1.3, 57.02N:163.52E, h16km, 15km, M4.3
IDC 29 13:26:22.9-1.3, 57.18N:163.04E, h0km, mb3.3/6,
mbtmp3.3/7, ML2.1/1, Error ellipse: s-maj=36.6km,
s-min=21.0km, az=160.0

ISC 29 13:26:23.3-0.7, 57.04N:163.29E, 0.05, h10km, n41,
ϵ153/44, mb3.2/5, Near east coast of Kamchatka

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like KBG, KBTR, SMKR, SRKR, KLY, CIRR, LGNR, BZGR, BZWR, EZMR, BZP, BZMR, KIRR, KPT, SRDR, KMNR, OSSR, BKI.

2017 MAR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like BKI, TUMD, TUMR, ESO, NLC, GNL, KRX, KRER, SVH, UGLR, DALI, PETK, TIXI, ILAR, SONM, H112, H113, H111, H115, H113S, H112S, MKAR, PDAR, TXAR.

KRNET 29 13:30:00.6-0.1, 39.70N:70.17E, h19km, mb2.9
ISU 29 13:30:00.8, 39.64N:70.29E, h29km
SOME 29 13:30:03.8, 39.95N:70.13E, h5km
NNC 29 13:30:08.5, 8.6, 40.04N:70.11E, h0km, mb2.7, mpv2.4,
Error ellipse: s-maj=61.7km, s-min=39.2km, az=25.0

ISC 29 13:30:00.8-1.3, 39.62N:70.03E, 0.03, h3km, 11km,
n20, ϵ129/31, 9C-13D, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like GAR, BTK, BTK, CHMI, DRK, CHGR, CHGR, FRG, YBZ, CHMC, KRSA, KRSA, CHRV, TRKS, TRKS, OHH, OHH, IUG, IUG, MNAS, MNAS, KK31, KK31, AML, AML, AML, MRKS, MRKS, TKM2, TKM2.

DJA 29 13:31:19.7-1.7, 2.7S:10.139E, h16km, 8km, M4.1/4,
ML4.1/4
IDC 29 13:31:27.5-4.3, 2.68S:139.43E, h75km, 34km, mb3.2/4,
mbtmp3.5/5, Error ellipse: s-maj=67.1km, s-min=24.8km,
az=89.0

ISC 29 13:31:24.2-0.9, 2.44S:10.138E, 0.10, h35km, n8,
ϵ324/12, mb3.5/4, Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SMP1, SMP1, GENE, GENE, SRPI, SRPI, WRA, WRA, ASAR, ASAR, MKAR, MKAR, KURBB, KURBB, ILAR, ILAR, WRA, WRA, CHOS, CHOS, CHOS, CHOS.

1702

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like ASAR, MKAR, IDC, DJA, ISC, Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC.

ISK 29 13:48:42.9, 37.95N:27.88E, h5km, ML3.5/52
DDA 29 13:48:43.2, 0.0, 38.01N:27.92E, h7km, 2km, MW3.5
ATH 29 13:48:44.3, 37.97N:27.88E, h8km, 2km, ML3.4/7, Error
ellipse: s-maj=2.6km, s-min=1.0km, az=244.0

THE 29 13:48:44.6, 37.98N:27.95E, h31km, 18km, ML3.5/4, Error
ellipse: s-maj=1.8km, s-min=0.5km, az=251.0

ISC 29 13:48:43.3-1.0, 37.99N:0.02-27.93E, 0.02, h12km, gkm,
n100, ϵ110/131, 10C-3D, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like GCAM, GCAM, MLSB, MANT, MANT, MANT, GOMA, GOMA, DDIM, DDIM, DDIM, DDIM, KULA, KULA, BLCB, BLCB, BLCB, DGB, DGB, DGB, YER, YER, YER, AKS, AKS, SMG, SMG, TAVA, TAVA, TAVA, DENIZ, DENIZ, DENIZ, BODT, BODT, URU, URU, URU, USAK, USAK, USAK, ZEY, ZEY, ZEY, ZEDA, ZEDA, ZEDA, APHY, APHY, TURN, TURN, TURN, DAT, DAT, DALY, DALY, DKL, DKL, KARB, KARB, KARB, SMAA, SMAA, BALIKESIR, BALIKESIR, STEP, STEP, STEP, KOSK, KOSK, KOSK, CAME, CAME, NISR, NISR, CHOS, CHOS, CHOS, CHOS, CHOS, CHOS.

ASAR Alice Springs 25.08 23 P P 14 22 20.2 -0.8
TORD Torod Ar. Bea 149.96 26 PKPbc PKPbc 14 36 47.5 -0.5

IDC 29 14:33:35.8-2.1, 18.31N; 106.54W, h0km, mb3.5/6,
mBmp3.5/8, ML3.4/2, MS4.0/32, Error ellipse:
s-maj=62.1km s-min=23.3km az=53.0

Code Station Name Az Phase ID Time Res
CJM Chameia 1.35 45 Op ISC
CJH Emiliano Zapat 1.44 60 eP Sn
CIHU Ciudad de Arme 1.98 78 iP Sn

TX31 Lajitas Array 10.96 11 Pn
TX32 Lajitas Array 10.96 11 Pn
TXAR Lajitas Array 10.96 11 Pn

WHTX Lake Whitney, 15.48 28 Pn Pn
PETF Flores 15.51 93 Pn Pn
BNM Muleshoe 15.64 10 Pn Pn

PDAR Pinedale Array 24.33 354 P P 14 38 56.5 -1.4
PDAR comp=Z,0.6nm,0.9s,baz=170,slow=7.3,SNR=3.8

BG3 Lake Jocassee 26.26 47 P P 14 39 16.3 +1.2
YBH Yreka 27.13 332 LR LR 14 42 49.8
YBW New Newport 30.98 346 LR LR 14 51 42.0

IDC 29 14:51:44.6-1.2, 12.12N; 144.44E, h0km, mb3.3/4,
mBmp3.4/4, MS3.5/1, Error ellipse: s-maj=65.6km
s-min=17.2km az=105.0, South of Mariana Islands

KRSC 29 14:59:49.9, 0.5679N; 163.21E, h22km, 13km, MI3.6,
Near east coast of Kamchatka Peninsula

NEIC 29 15:03:20.7-1.4, 22.92S; 0.10; 175.4W; 0.1, h28km, 8km,
mb4.1/13, Error ellipse: s-maj=18.9km s-min=12.0km
az=124.0

Code Station Name Az Phase ID Time Res
NIUE Niue 6.48 53 Pn Pn
RAOU Raoul Island 6.52 50 Pn Pn
MSVF Nonsauv 8.17 310 Pn Pn

AS31 Alice Springs 46.35 259 P P 15 11 44.4 -2.1
AS31 comp=Z,2.3nm,1.2s
ASAR Alice Springs 46.35 259 P P 15 11 45.1 -1.4

TXAR Lajitas Array 86.47 56 P P 15 16 04.7 +1.6
PDAR Pinedale Array 89.22 42 P P 15 16 17.0 +0.8
ILAR Eielson Array 90.34 12 P P 15 16 20.5 -0.1

ECX 29 15:25:22.0-6.0, 25.77N; 110.10W, h13km, 13km, ML5.4,
Fault plane solution: NP1=348.00000, 858.00000,
lambda=22.00000

29d 15h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like K05A Summer Lake, CCIG Cornifan, RLMT Red Lodge, etc.

2017 MAR

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like JFWFS comp=Z,249nm,2.0s, JFWFS comp=Z,6um,20.0s, WCI Wyandotte Cave, etc.

1706

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like S34M Telegraph Cree, DLBC Dease Lake, DLBC Dease Lake, etc.

EYAK	Cordova Ski Ar baz=129	42.48 335	P	P	15 23 19.6 +0.3
M26K	Nabesna, AK comp=Z,3um,19.0s	42.72 338	IAMS_20	IAMS_20	15 43 16.3
M26K	Nabesna, AK baz=134	42.72 338	P	P	15 23 22.0 +0.7
N25K	Chitina, Valde baz=131	42.73 336	P	P	15 23 21.5 +0.1
J29M	Klondike Camp comp=Z,4um,18.0s	42.78 342	IAMS_20	IAMS_20	15 41 15.6
J29M	Klondike Camp baz=141	42.78 342	P	P	15 23 21.7 0.0
L27K	Beaver Creek comp=Z,4um,19.0s	42.80 339	IAMS_20	IAMS_20	15 41 31.5
L27K	Beaver Creek, baz=136	42.80 339	P	P	15 23 22.8 +0.9
P23K	Montague Isian baz=126	42.80 333	P	P	15 23 23.2 +1.4
DAWY	Dawson	42.80 342	P	P	15 23 20.6 -1.3
DAWY	comp=Z,40nm,1.1s		Iamb	Iamb	15 23 30.8
DAWY	Dawson	42.80 342	P	P	15 23 23.2 +1.2
SCHO	Schefferville baz=139,SNR=27	42.90 36	P	P	15 23 23.7 +0.9
SCHO	comp=Z,12nm,0.9s,baz=243,slow=6.1,SNR=16		LR	LR	15 41 46.1
SCHO	Schefferville comp=Z,4um,19.5s,baz=248,slow=37				
SCHO	comp=Z,12nm,0.9s	42.90 36	P	P	15 23 19.3 -3.5
SCHO	KLUTINA	42.95 336	P	Iamb	15 23 27.8 +3.0
L26K	Log Cabin Wild comp=Z,3um,20.0s	43.27 339	IAMS_20	IAMS_20	15 40 39.9
L26K	Log Cabin Wild baz=124	43.27 339	P	P	15 23 27.7 +2.0
HARP	HAARP baz=131	43.46 337	P	P	15 23 27.7 +0.5
I29M	Ogilvie Camp comp=Z,3um,20.0s	43.51 343	IAMS_20	IAMS_20	15 41 42.1
I29M	Ogilvie Camp, baz=142	43.51 343	P	P	15 23 29.0 +1.3
K27K	Chicken	43.57 340	P	P	15 23 26.6 -1.5
K27K	comp=Z,24nm,1.0s		Iamb	Iamb	15 23 57.1
M24K	Tolsona, Glenn comp=Z,4um,21.0s	43.63 336	IAMS_20	IAMS_20	15 42 59.7
M24K	Tolsona, Glenn baz=130	43.63 336	P	P	15 23 29.5 +0.9
PWL	Port Wells baz=126	43.68 334	P	P	15 23 30.0 +0.9
EGAK	Eagle comp=Z,3um,20.0s	43.85 341	IAMS_20	IAMS_20	15 42 31.0
EGAK	Eagle baz=138,SNR=5.9	43.85 341	P	P	15 23 31.1 +0.8
KDAK	Kodiak Island comp=Z,5.6nm,0.7s,baz=102,slow=6.9,SNR=1.5	43.88 329	P	P	15 23 33.0 +2.4
KDAK	comp=Z,2um,18.2s,baz=147,slow=34		LR	LR	15 40 16.5
KDAK	Kodiak Island comp=Z,5.6nm,0.7s	43.88 329	eP	pmax	15 23 34.3 +3.7
KDAK	comp=Z,192nm,1.9s				
KDAK	Kodiak Island baz=118	43.88 329	P	P	15 23 32.1 +1.5
SCM	Sheep Creek Mo baz=128	43.88 336	P	P	15 23 30.2 -0.5
EPYK	Eagle Plains comp=Z,5um,20.0s	43.93 345	IAMS_20	IAMS_20	15 43 00.1
EPYK	Eagle Plains baz=144,SNR=12	43.93 345	P	P	15 23 32.5 +1.5
PAX	Paxson baz=131	43.94 338	P	P	15 23 32.4 +1.2
OHAK	Old Harbor baz=111	43.95 328	P	P	15 23 31.6 +0.4
M23K	Glacier View baz=128	44.01 335	P	P	15 23 32.6 +0.9
BRSE	Bradley Lake S baz=122	44.05 332	P	P	15 23 33.6 +1.6
KNK	Knik Glacier baz=126	44.06 335	P	P	15 23 32.9 +0.8
SABA	Saba comp=Z,3um,21.0s	44.06 91	IAMS_20	IAMS_20	15 45 27.8
SCRK	Sand Creek comp=Z,4um,20.0s	44.13 339	IAMS_20	IAMS_20	15 42 02.7
SCRK	Sand Creek baz=134	44.13 339	P	P	15 23 34.1 +1.3
F31M	Fsighthtchic baz=149,SNR=21	44.18 347	P	P	15 23 34.5 +1.6
SML	Sawmill baz=127	44.24 335	P	P	15 23 34.0 +0.4
RIDG	Independent Ri comp=Z,4um,20.0s	44.25 339	IAMS_20	IAMS_20	15 41 05.8
RIDG	Independent Ri baz=132	44.25 339	P	P	15 23 33.9 +0.3
G30M	Taoh Zrail Nji baz=145	44.32 346	P	P	15 23 33.6 -0.5
RC01	Rabbit Creek A baz=125	44.37 334	P	P	15 23 35.1 +0.5
C36M	Paulatuk baz=162	44.41 353	P	P	15 23 34.2 -0.6
PMR	Palmer baz=126	44.42 334	P	P	15 23 36.4 +1.5
I27K	Kandik River baz=138	44.59 342	P	P	15 23 37.9 +1.6
K24K	Donnelly Dome baz=131,SNR=13	44.60 338	P	P	15 23 37.3 +0.9
I26K	Coal Creek Min comp=Z,4um,18.0s	44.82 341	IAMS_20	IAMS_20	15 42 18.5
I26K	Coal Creek Min baz=132	44.82 341	P	P	15 23 39.3 +1.3
INK	Inuvik comp=Z,10.0nm,0.9s,baz=153,slow=9.7,SNR=9.1	44.88 346	P	P	15 23 39.6 +1.2
INK	comp=Z,5um,18.3s,baz=146,slow=36		LR	LR	15 42 34.1
INK	Inuvik	44.88 348	P	P	15 23 37.7 -0.7
INK	comp=Z,41nm,1.2s		Iamb	Iamb	15 23 49.8
INK	Inuvik	44.88 348	P	P	15 23 39.7 +1.2
INK	Inuvik	44.88 348	P	P	15 23 39.6 +1.2
ATAH	Atahualpa comp=Z,3.5nm,0.3s,baz=20,slow=9.1,SNR=3.7	44.89 132	P	P	15 23 40.3 +0.7
ATAH	comp=Z,1um,18.9s,baz=326,slow=34		LR	LR	15 40 47.8
SUA	Susitna One comp=Z,3.5nm,0.3s	44.99 334	P	P	15 23 40.0 +0.4
O20K	Slope Mountain baz=120	45.03 331	P	P	15 23 40.8 +0.9
H27K	Steamboat Moun baz=138	45.04 343	P	P	15 23 41.1 +1.3
P19K	Oil Pt baz=119	45.08 331	P	P	15 23 41.7 +1.4
TAOE	Nuku Hiva Isla comp=Z,116nm,22.0s	45.16 224	eS	S	15 30 26.3 +4.7
TAOE	comp=Z,3um,24.6s		eLR	LR	15 36 26.0
CUT	Chulitna baz=125	45.34 335	P	P	15 23 41.6 -0.6
HDA	Harding Lake comp=Z,3um,19.0s	45.38 339	IAMS_20	IAMS_20	15 41 35.9
HDA	Harding Lake baz=130	45.38 339	P	P	15 23 43.2 +0.6
RND	Reindeer comp=Z,2um,18.0s	45.41 337	IAMS_20	IAMS_20	15 42 32.7
Q18K	Katmai Hardscr baz=117	45.42 329	P	P	15 23 43.7 +0.6
SPCR	Spurr Chakacha baz=122	45.44 333	P	P	15 23 43.6 +0.5
G27K	Doyon Strip baz=138	45.45 343	P	P	15 23 44.0 +0.4
SKT	Skwentna comp=Z,2um,18.0s	45.59 334	IAMS_20	IAMS_20	15 44 10.5
SKT	Skwentna baz=123,SNR=6.5	45.59 334	P	P	15 23 41.9 -2.3
IL31	Eielson Array 45.60 339	45.60 339	P	P	15 23 43.4 -0.8
ILAR	Eielson Array comp=Z,5.4nm,0.8s,baz=150,slow=6.6,SNR=43	45.60 339	P	P	15 23 45.8 +1.5
ILAR	Eielson Array comp=Z,5.4nm,0.8s	45.60 339	P	P	15 23 45.8 +1.5
MCK	McKinley baz=128	45.63 337	P	P	15 23 45.2 +0.6
R17K	Ugashik Creek	45.65 327	P	P	15 23 45.2 +0.4

PCRV	Puerto La Cruz comp=Z,1um,18.1s,slow=40	45.65 101	LR	LR	15 46 04.8
Q17K	Contact Creek baz=125	45.67 328	P	P	15 23 46.1 +1.1
PRP	Porcupine Dome comp=Z,3um,21.0s	45.67 340	IAMS_20	IAMS_20	15 41 53.4
PRP	Porcupine Dome baz=130	45.67 340	P	P	15 23 45.6 +0.6
CCB	Clear Creek Bu comp=Z,32nm,1.4s	45.82 338	Iamb	Iamb	15 23 55.2
CCB	comp=Z,2um,18.0s		IAMS_20	IAMS_20	15 43 06.4
O19K	Port Anwarth baz=119,SNR=5.1	45.83 331	P	P	15 23 47.0 +0.9
P18K	Big Mountain, baz=117	45.86 330	P	P	15 23 46.9 +0.5
TRF	Thorfare Moun baz=125,SNR=18	45.95 336	P	P	15 23 48.7 +1.4
COLA	College	45.98 339	P	P	15 23 44.7 -2.6
COLA	comp=Z,46nm,1.2s		Iamb	Iamb	15 23 58.2
COLA	College comp=Z,46nm,1.2s	45.98 339	IAMS_20	IAMS_20	15 43 24.8
COLA	College	45.98 339	eP	pmax	15 23 49.3 +2.0
COLA	College comp=Z,52nm,1.4s				
COLA	College baz=130	45.98 339	P	P	15 23 48.5 +1.2
TCOL	CIGO, UAF Yank comp=Z,46nm,1.2s	45.99 339	P	P	15 23 44.6 -2.7
TCOL	comp=Z,46nm,1.2s		Iamb	Iamb	15 23 58.2
TCOL	comp=Z,3um,19.0s	45.99 339	IAMS_20	IAMS_20	15 43 24.8
TCOL	CIGO, UAF Yank baz=130	45.99 339	P	P	15 23 48.4 +1.1
POKR	Poker Plat Res comp=Z,4um,18.0s	46.01 339	IAMS_20	IAMS_20	15 42 59.2
POKR	Poker Plat Res baz=130,SNR=17	46.01 339	P	P	15 23 47.2 -0.3
ABD	La Joyeuse, An comp=Z,2um,21.0s	46.02 92	IAMS_20	IAMS_20	15 44 39.8
CBE	Ff, Capester comp=Z,2um,20.0s	46.05 92	IAMS_20	IAMS_20	15 45 04.6
O18K	Koktuh Hills baz=125,SNR=18.0s	46.06 330	IAMS_20	IAMS_20	15 42 05.4
O18K	Koktuh Hills baz=117	46.06 330	P	P	15 23 49.1 +1.1
BWN	Browne comp=Z,3um,18.0s	46.09 337	IAMS_20	IAMS_20	15 41 51.1
M20K	Styx River baz=121	46.17 333	P	P	15 23 49.3 +0.4
G26K	Porcupine Rive baz=136	46.18 342	P	P	15 23 51.0 +2.2
N19K	Bonair Creek baz=119	46.20 332	P	P	15 23 49.5 +0.4
R16K	Pilot Point baz=113	46.20 327	P	P	15 23 49.1 0.0
Q16K	King Salmon	46.21 328	P	P	15 23 51.1 +1.9
NEA2	Nenana comp=Z,3um,18.0s	46.21 338	IAMS_20	IAMS_20	15 45 36.8
NEA2	Nenana comp=Z,3um,18.0s	46.21 338	P	P	15 23 50.3 +1.1
KTH	Kantishna Hill baz=125,SNR=23	46.24 336	IAMS_20	IAMS_20	15 44 19.7
FYU	Fort Yukon comp=Z,2um,19.0s	46.31 341	IAMS_20	IAMS_20	15 44 29.1
PPLA	Purkeypile baz=114,SNR=18.0s	46.34 335	P	P	15 23 51.8 +1.5
MAGL	Barre de l'ile comp=Z,2um,20.0s	46.39 92	IAMS_20	IAMS_20	15 44 16.5
E27K	Coleen River baz=140	46.53 344	P	P	15 23 53.2 +1.6
BPAW	Bear Paw Mtn. baz=126,SNR=26	46.58 337	P	P	15 23 53.5 +1.4
FRB	Frobisher Bay comp=Z,2um,21.8s,baz=234,slow=34	46.59 24 LR	LR	LR	15 41 28.3
CAST	Castle Rocks baz=124,SNR=5.1	46.59 336	P	P	15 23 53.8 +1.6
H24K	Noodor Dome baz=130	46.62 340	P	P	15 23 54.4 +2.0
I23K	Minto, Yukon-K comp=Z,3um,18.0s	46.65 338	IAMS_20	IAMS_20	15 43 41.5
I23K	Minto, Yukon-K baz=128,SNR=12	46.65 338	P	P	15 23 53.1 +0.5
M19K	Big River Lodg baz=120,SNR=7.0	46.70 333	P	P	15 23 55.0 +2.0
G25K	Bearman Lake baz=133	46.70 341	P	P	15 23 54.5 +1.6
BMAR	Bear Mountain baz=121	46.74 343	P	P	15 23 52.3 -1.0
L20K	Farewell, AK baz=121	46.78 334	P	P	15 23 54.8 +1.1
F26K	Sheenjek River baz=133	46.82 343	P	P	15 23 55.8 +1.9
O17K	Koliganek Bris baz=115,SNR=32	46.84 330	P	P	15 23 54.9 +0.5
CHUM	Lake Minchumim baz=124	46.94 336	P	P	15 23 55.7 +0.9
SDPT	Sand Point baz=108	46.94 323	P	P	15 23 56.3 +1.4
P16K	Nushagak River baz=114,SNR=9.2	46.99 328	P	P	15 23 56.0 +1.8
L19K	White Mountain baz=120	47.02 333	P	P	15 23 56.5 +1.0
MLY	Manley baz=127,SNR=37	47.05 338	P	P	15 23 56.1 +0.3
A36M	Sachs Harbour baz=125,SNR=36	47.05 354	P	P	15 23 56.3 +0.7
G24K	Hadweenzic Riv baz=132	47.06 341	P	P	15 23 56.6 +0.8
H23K	Yukon River baz=125,SNR=18.0s	47.14 339	IAMS_20	IAMS_20	15 44 16.2
H23K	Yukon River baz=128	47.14 339	P	P	15 23 57.9 +1.6
F25K	Christian Rive baz=134	47.15 342	P	P	15 23 58.0 +1.5
O16K	Kokwok River B baz=114	47.26 329	P	P	15 23 58.4 +1.0
MPOM	Morne Pois Mar comp=Z,2um,20.0s	47.31 94	IAMS_20	IAMS_20	15 46 35.9
K20K	Telida baz=122,SNR=26	47.31 335	P	P	15 23 58.8 +1.0
GRGR	Grenville comp=Z,3um,20.0s	47.47 97	IAMS_20	IAMS_20	15 45 48.1
E25K	Arctic Village baz=135,SNR=31				

29d 15h

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other technical details. Includes stations like T25A, CCAR, NATX, BRDY, etc.

2017 MAR

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other technical details. Includes stations like I37A, SAND, BNM, etc.

1710

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other technical details. Includes stations like R53A, N51A, DGMT, etc.

Geographic information including coordinates (DJA 29 15:42:58.9, 0.3, 1°N, 4°12'55"E), map labels (M3.6/12, mb3.9/4, mB4.8/1), and a table of station codes and names with their respective frequencies and power levels.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BPAW, H2K3, BMAR, FIA1, FINES, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like JUEM, GORC, VTX, VTX, etc.

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

NEIC 29 16:34:22.5s, 1.8, 32.00N, 0.03, 116.92W, 0.03, h9km, 4km, Error ellipse: s-maj=4.7km s-min=2.7km az=208.0

RHX Rio Hardy 1.44 85 eP Pn 16 34 48.1 -0.4 RPH Cerro Prieto 1.47 74 Pn Pn 16 34 47.8 -0.1

IDC 29 16:44:11.2s, 1.4, 8.50S, 30.11E, h0km, mb3.8/6, mbmp3.9/6, ML2.3/1, Error ellipse: s-maj=40.9km s-min=27.3km az=110.0

PAS 29 16:34:23.4s, 1.9, 32.03N, 0.03, 116.91W, 0.02, h10km, 5km, ML3.2/199, ML2.9/32(NEIC), Error ellipse: s-maj=4.8km s-min=2.4km az=206.0

SWSC Sam W. Stewart 1.35 47 eP Pn 16 34 47.5 -0.6 SWSC Sam W. Stewart 1.35 47 eP Pn 16 34 47.5 -0.6

ISC 29 16:44:11.8s, 0.7, 8.54S, 0.08, 30.1E, 0.1, h10km, n22, s=1503/22, mb4.1/8, Lake Tanganyika region

Main table section 1: Stations from Cicese to Yuh Desert. Columns: Code, Station Name, Az, El, Phase, ID, Time, Res.

Main table section 2: Stations from MURC to Little Creek M. Columns: Code, Station Name, Az, El, Phase, ID, Time, Res.

Main table section 3: Stations from LSZ to Bering. Columns: Code, Station Name, Az, El, Phase, ID, Time, Res.

ATH 29 16:40:46.7, 39.15N, 23.61E, h14km, 2km, ML1.2/1, Error ellipse: s-maj=2.6km s-min=1.0km az=41.0, Aegean Sea

Table with columns: Code, Station Name, Az, Az0, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like TUMR, TIGL, ESO, PALN, SPN, SPN, GNL, KRX, KREH, KRAK, SMAR, AVH, KOV, KOK, UGLR, DALK, PET, PEA0B, KRMR, GRM, KRL, GRL, MTRV, KMSK, BILL, YSS, ASAJ, TAXI, TAXI, ILAR, H11N2, H11N3, H11N4, YKNA, KURK, KURK, KURB, PDAR, KSH, KSH, TXAR, WRA, ASAR.

UPA 29 16:58:59.8, 2.6, 12.08N-87.16W, h8km, 230km, MW5.0
SNET 29 16:59:07.9, 1.4, 11.82N-86.62W, h61km, ML5.4
UCR 29 16:59:08.1, 1.6, 11.80N-86.63W, h22km, 8km, MW4.9, mb5.1(NEIC)
IDC 29 16:59:08.0, 0.4, 12.19N-86.20W, h89km, 3km, mb4.2/26, mbmp4.5/27, MS3.9/34, Error ellipse: s-maj=16.9km, s-min=5.9km az=59.0
MOS 29 16:59:08.2, 1.2, 12.02N-86.41W, h101km, mb4.8/18, Error ellipse: s-maj=13.0km, s-min=5.9km az=119.4
INET 29 16:59:08.0, 0.7, 11.84N-86.63W, h69km, 2km, MW5.1
NEIC 29 16:59:08.4, 1.1, 9.0N-86.59W, h82km
NEIC 29 16:59:08.2, 1.8, 11.90N-0.04-86.60W-0.04, h80km, 4km, mb5.0/387, Mw5.1/32, Error ellipse: s-maj=8.0km, s-min=3.0km az=15.0, Moment Tensor Solution.
Moment tensor: Scale 10^16Nm: M=0.13; Mw2.11; Mw1.98; Mw2.59; Mw3.0; Mw3.94; Fault plane solution: Ms5.15000x10^16 Np1.53420000; 823.520000, lambda-179.970000. NP2.323.39000; 889.90000, lambda-66.480000. Principal axes: T 4.8879, Plg44.00000, Azm32.00000; N 0.4851, Plg24.0000, Azm143.0000; P -5.3730, Plg40.0000, Azm255.0000.
GCMT 29 16:59:09.2, 0.3, 11.97N-0.02-86.76W-0.02, h97km, 4km, MW5.0/114, Moment Tensor Solution. s38, c45; s114, c150; Duration: 0 Moment tensor: Scale 10^16Nm; Mw0.95; 14; Mw0.96; 14; Mw1.81; 15; Mw1.28; 07; Mw2.07; 16; Mw2.40; 08. Best double c0.0000. Ms3.80700x10^16 Np1.167.00000; 881.00000; 1.48.00000. NP2.366.00000; 843.00000; 1.66.00000. Principal axes: T 3.9830, Plg39.0000, Azm39.0000; N -0.3510, Plg41.0000, Azm175.0000; P -3.6310, Plg24.0000, Azm288.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
GCG 29 16:59:42.7, 0.3, 13.99N-88.64W, h161km, 124km, MD4.7
ISC 29 16:59:07.0, 0.3, 11.94N-0.03-86.55W-0.04, h84km, 2km, h84km, pp-P, n991, r1955/969, mb5.0/229, 6C-30D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az0, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GMB3, GB1A, BUAI, TIGL, ESO, PALN, SPN, SPN, GNL, KRX, KREH, KRAK, SMAR, AVH, KOV, KOK, UGLR, DALK, PET, PEA0B, KRMR, GRM, KRL, GRL, MTRV, KMSK, BILL, YSS, ASAJ, TAXI, TAXI, ILAR, H11N2, H11N3, H11N4, YKNA, KURK, KURK, KURB, PDAR, KSH, KSH, TXAR, WRA, ASAR.

UPA 29 16:58:59.8, 2.6, 12.08N-87.16W, h8km, 230km, MW5.0
SNET 29 16:59:07.9, 1.4, 11.82N-86.62W, h61km, ML5.4
UCR 29 16:59:08.1, 1.6, 11.80N-86.63W, h22km, 8km, MW4.9, mb5.1(NEIC)
IDC 29 16:59:08.0, 0.4, 12.19N-86.20W, h89km, 3km, mb4.2/26, mbmp4.5/27, MS3.9/34, Error ellipse: s-maj=16.9km, s-min=5.9km az=59.0
MOS 29 16:59:08.2, 1.2, 12.02N-86.41W, h101km, mb4.8/18, Error ellipse: s-maj=13.0km, s-min=5.9km az=119.4
INET 29 16:59:08.0, 0.7, 11.84N-86.63W, h69km, 2km, MW5.1
NEIC 29 16:59:08.4, 1.1, 9.0N-86.59W, h82km
NEIC 29 16:59:08.2, 1.8, 11.90N-0.04-86.60W-0.04, h80km, 4km, mb5.0/387, Mw5.1/32, Error ellipse: s-maj=8.0km, s-min=3.0km az=15.0, Moment Tensor Solution.
Moment tensor: Scale 10^16Nm: M=0.13; Mw2.11; Mw1.98; Mw2.59; Mw3.0; Mw3.94; Fault plane solution: Ms5.15000x10^16 Np1.53420000; 823.520000, lambda-179.970000. NP2.323.39000; 889.90000, lambda-66.480000. Principal axes: T 4.8879, Plg44.0000, Azm32.0000; N 0.4851, Plg24.0000, Azm143.0000; P -5.3730, Plg40.0000, Azm255.0000.
GCMT 29 16:59:09.2, 0.3, 11.97N-0.02-86.76W-0.02, h97km, 4km, MW5.0/114, Moment Tensor Solution. s38, c45; s114, c150; Duration: 0 Moment tensor: Scale 10^16Nm; Mw0.95; 14; Mw0.96; 14; Mw1.81; 15; Mw1.28; 07; Mw2.07; 16; Mw2.40; 08. Best double c0.0000. Ms3.80700x10^16 Np1.167.00000; 881.00000; 1.48.00000. NP2.366.00000; 843.00000; 1.66.00000. Principal axes: T 3.9830, Plg39.0000, Azm39.0000; N -0.3510, Plg41.0000, Azm175.0000; P -3.6310, Plg24.0000, Azm288.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
GCG 29 16:59:42.7, 0.3, 13.99N-88.64W, h161km, 124km, MD4.7
ISC 29 16:59:07.0, 0.3, 11.94N-0.03-86.55W-0.04, h84km, 2km, h84km, pp-P, n991, r1955/969, mb5.0/229, 6C-30D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az0, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BCIP, BCIP, FRIJ, GAMB, ARAS, AZI, TEIG, METE, UPD2, APAC, MTJD, SCS, SJCC, UREC, GRIC, HELC, Santo Helena, ZARC, TLIG, JAMC, PUERTO BERRIO, NORC, BBAC, POCP, GBTY, ORTE, SPTC, SBO, FLV, ROSC, ROSC, ROSC, ROSC, GCUF, OTAV, OTAV, TULV, TULC, PRAC, BARC, IMBA, URIC, USC, PULU, PAMC, BONI, RUSC, CHIC, SLCR, FLOC, PAPH, PIAT, SDV, SDV, SDV, SDV, DWPF, DWPF, DWPF, DWPF, 656A, 656A, 553A, 451A, ZAI, BRAL, BRAL, 656A, 352A, 352A, TIGA, TIGA, 441A, MLPR, 344A, 735A, 735A, HKT, HKT, HKT, HKT, HKT, 250A, OBIP, 255A, 833A, 833A, 833A, 833A, ATAH, ATAH, SJG, SJG, SJG, 152A, GCP, 154A, HUMP, LRAL, LRAL, LRAL, NATX, NATX, NATX, HND, MTP, 247A, 435B, 435B, 435B, CUPR, CUPR, HAW, Y49A, Y49A, CDVI, NHSC, NHSC, NHSC, Y52A, Y52A.

Table with columns: Code, Station Name, Az, Az0, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like COPN, TISN, MGAN, MASN, WILN, HUEN, CNGN, CNGN, CNGN, CNGN, BRAN, CRIN, CRIN, CRIN, CRIN, BOAB, BOAB, MATN, MATN, LCRUZ, LCRUZ, ACON, ACON, ACON, ACON, ACON, ACON, HZTE.

Table with columns: Code, Station Name, Az, Az0, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GMB3, GB1A, BUAI, TIGL, ESO, PALN, SPN, SPN, GNL, KRX, KREH, KRAK, SMAR, AVH, KOV, KOK, UGLR, DALK, PET, PEA0B, KRMR, GRM, KRL, GRL, MTRV, KMSK, BILL, YSS, ASAJ, TAXI, TAXI, ILAR, H11N2, H11N3, H11N4, YKNA, KURK, KURK, KURB, PDAR, KSH, KSH, TXAR, WRA, ASAR.

Table with columns: Code, Station Name, Az, Az0, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BCIP, BCIP, FRIJ, GAMB, ARAS, AZI, TEIG, METE, UPD2, APAC, MTJD, SCS, SJCC, UREC, GRIC, HELC, Santo Helena, ZARC, TLIG, JAMC, PUERTO BERRIO, NORC, BBAC, POCP, GBTY, ORTE, SPTC, SBO, FLV, ROSC, ROSC, ROSC, ROSC, GCUF, OTAV, OTAV, TULV, TULC, PRAC, BARC, IMBA, URIC, USC, PULU, PAMC, BONI, RUSC, CHIC, SLCR, FLOC, PAPH, PIAT, SDV, SDV, SDV, SDV, DWPF, DWPF, DWPF, DWPF, 656A, 656A, 553A, 451A, ZAI, BRAL, BRAL, 656A, 352A, 352A, TIGA, TIGA, 441A, MLPR, 344A, 735A, 735A, HKT, HKT, HKT, HKT, HKT, 250A, OBIP, 255A, 833A, 833A, 833A, 833A, ATAH, ATAH, SJG, SJG, SJG, 152A, GCP, 154A, HUMP, LRAL, LRAL, LRAL, NATX, NATX, NATX, HND, MTP, 247A, 435B, 435B, 435B, CUPR, CUPR, HAW, Y49A, Y49A, CDVI, NHSC, NHSC, NHSC, Y52A, Y52A.

Y52A	baz=187,SNR=18	P	P	17 03 58.1 +3.6
Z41A	Richard Creek	21.98 346	P	17 03 54.7 -0.2
Y45A	Yeage Farm, C	22.00 353	P	17 03 57.5 +2.4
JCT	Junction City	22.17 328	P	17 03 57.0 0.0
JCT	Junction City	22.17 328	P	17 03 57.0 0.0
JCT	Junction City	22.17 328	P	17 03 58.1 +1.1
JCT	Junction City	22.17 328	P	17 03 59.3 +2.3
WHTX	Lake Whitney,	22.34 335	P	17 03 60.0 +1.2
WHTX	Lake Whitney,	22.34 335	P	17 04 00.4 +1.5
X48A	Hartselle	22.42 359	P	17 04 00.4 +0.9
X48A	Hartselle	22.42 359	P	17 04 01.6 +2.1
BRDY	Brady	22.43 331	P	17 03 59.9 +0.1
FPAL	Fort Paine	22.52 2 P	P	17 04 01.4 +0.7
HODGE	Hodges	22.54 9 P	P	17 04 03.5 +2.7
FW16	Waxahatchie	22.55 337	P	17 04 03.0 +1.9
X51A	Calhoun	22.58 4 P	P	17 04 03.9 +2.6
X51A			P	17 04 03.9 +2.6
Z38A	Mt. Pleasant	22.59 341	P	17 04 03.4 +2.0
FW14	Alvarado	22.59 336	P	17 04 03.1 +1.7
OXF	Oxford	22.62 354	P	17 04 02.2 +0.5
OXF	Oxford	22.62 354	P	17 04 02.7 +0.9
FW13	Cleburne	22.65 335	P	17 04 02.4 +0.4
Y57A	Sumter	22.69 13 P	P	17 04 05.4 +3.0
Y57A			P	17 04 05.4 +3.0
Y58A	Scranton	22.75 15 P	P	17 04 05.4 +2.4
Y58A			P	17 04 05.4 +2.4
JSC	Jenkinsville	22.76 11	I Amb	17 04 07.7
JSC	Jenkinsville	22.76 11	I Amb	17 04 06.0 +2.9
SJCG	SEO Gabriel D	22.78 120 eP	P	17 04 03.3 -0.3
PLAL	Pickwick Lake	22.98 357	P	17 04 06.3 +1.0
PLAL			I Amb	17 04 08.9
FW07	Weatherford	23.10 335	P	17 04 07.0 +0.4
FW07			I Amb	17 04 08.9
X40A	Basin Creek Fa	23.17 347	P	17 04 10.2 +3.0
X40A			P	17 04 10.2 +3.0
W52A	Murphy	23.18 5 I Amb	I Amb	17 04 10.3
W52A	Murphy	23.18 5 P	P	17 04 09.9 +2.6
SWET	Sewanee	23.18 1 I Amb	I Amb	17 04 11.1
PAULI	Pauline	23.18 10 P	P	17 04 07.2 -0.1
PAULI			I Amb	17 04 10.6
PAULI	Pauline	23.18 10 P	P	17 04 09.6 +2.3
W50A	Signal Mountai	23.19 3 I Amb	I Amb	17 04 11.4
W50A	Signal Mountai	23.19 3 P	P	17 04 08.9 +1.5
BG3	Lake Jocassee	23.19 8 I Amb	I Amb	17 04 11.6
CASEE	Lake Jocassee	23.19 8 P	P	17 04 09.9 +2.5
W45A	Hickory Valley	23.24 355	I Amb	17 04 10.9
W45A	Hickory Valley	23.24 355	P	17 04 09.4 +1.6
FW06	Azie	23.24 336	P	17 04 08.0 +0.1
FW06			I Amb	17 04 10.5
Y60A	Bolivia	23.25 18 P	P	17 04 10.3 +2.4
Y60A			P	17 04 10.3 +2.4
BIRD	Birdtown, Kers	23.27 13	I Amb	17 04 12.9
BIRD	Birdtown, Kers	23.27 13 P	P	17 04 10.4 +2.2
HPIG		23.35 312	I Amb	17 04 13.0
MIAR	Mount Ida	23.40 345	I Amb	17 04 11.7
MIAR	Mount Ida	23.40 345	P	17 04 10.0 +0.7
MIAR	Mount Ida	23.40 345	P	17 04 10.2 +0.9
Z35A	Perchaven, San	23.44 337	I Amb	17 04 12.9
Z35A	Perchaven, San	23.44 337	P	17 04 10.9 +1.2
SMRT	St. Maarten	23.46 72	I Amb	17 04 11.3
CPCT	Cooper Cave	23.48 4 P	P	17 04 11.8 +1.8
CPCT			I Amb	17 04 14.1
FW03	Perrin-Whitt E	23.51 335	I Amb	17 04 12.9
TXAR	Lajitas Array	23.53 320 P	P	17 04 12.0 +1.3
TXAR	Lajitas Array	23.53 320 P	P	17 04 31.1 +2.5
TXAR	Lajitas Array	23.53 320 P	P	17 04 31.1 +2.5
TXAR	Lajitas Array	23.53 320 P	P	17 04 11.1 +0.4
TXAR	Lajitas Array	23.53 320 P	P	17 04 11.8 +0.8
TXAR	Lajitas Array	23.53 320 P	P	17 04 11.1 +0.4
TX31	Lajitas Ar. Si	23.53 320 P	P	17 04 12.0 +1.3
TX32	Lajitas Array	23.53 320 P	P	17 04 11.5 +0.8
TX32			I Amb	17 04 13.3
TX32			P	17 07 55.2 +1.2
KM5C	Kings Mountain	23.58 11	I Amb	17 04 15.4
KM5C	Kings Mountain	23.58 11 P	P	17 04 12.2 +1.2
KM5C	Kings Mountain	23.58 11 P	P	17 04 13.7 +2.7
W48A	Smith Brothers	23.70 359	P	17 04 14.1 +2.1
TKL	Tuckaleechee C	23.75 6 P	P	17 04 14.4 +2.0
TKL			LR	17 13 13.0
TKL	Tuckaleechee C	23.75 6 I Amb	I Amb	17 04 17.6
TKL	Tuckaleechee C	23.75 6 P	P	17 04 14.5 +2.0
WHAR	Woolly Hollow	23.82 348	I Amb	17 04 15.3
ABTX	Abilene, Hawle	23.84 332	I Amb	17 04 16.3
ABTX	Abilene, Hawle	23.84 332	P	17 04 14.3 +0.9
ABTX	Abilene, Hawle	23.84 332	P	17 04 15.5 +2.1
V51A	Loudon	23.84 4 I Amb	I Amb	17 04 17.2
V51A	Loudon	23.84 4 P	P	17 04 15.6 +2.3
W57A	Gilead	23.87 13 P	P	17 04 15.8 +2.3
W57A			P	17 04 15.8 +2.3
V53A	Saluda	23.87 8 P	P	17 04 15.1 +1.5
V53A			I Amb	17 04 18.4
V53A	Saluda	23.87 8 P	P	17 04 16.2 +2.6
V53A			P	17 04 16.2 +2.6

CZSB	Cruzeiro do Su	23.90 144	P	17 04 14.3 +0.3
CZSB			I Amb	17 04 18.4
CZSB	Cruzeiro do Su	23.90 144 eP	P	17 04 15.0 +0.9
X37A	Clayton	23.94 342	I Amb	17 04 16.7
X37A	Clayton	23.94 342	P	17 04 15.5 +1.3
V52A	Sevierville	23.95 6 P	P	17 04 15.8 +1.6
V52A			I Amb	17 04 19.5
V52A	Sevierville	23.95 6 P	P	17 04 16.3 +2.1
SGCV	Sterling City	23.99 328	P	17 04 14.2 -0.6
SGCV			I Amb	17 04 18.4
CLTN	Cedars of Liba	24.05 0	I Amb	17 04 19.4
ALPN	Alpine	24.24 322	P	17 04 17.5 +0.4
ALPN			I Amb	17 04 20.9
V55A	Taylorville	24.29 11	I Amb	17 04 22.3
V55A	Taylorville	24.29 11 P	P	17 04 20.1 +2.8
V55A			P	17 04 20.1 +2.8
WTF5	Wichita Falls	24.30 335	I Amb	17 04 19.5
LCAR	Lake Charles	24.38 351	P	17 04 18.2 +0.1
U49A	Red Boiling Sp	24.48 1 P	P	17 04 19.8 +0.8
U49A			I Amb	17 04 21.8
U49A	Red Boiling Sp	24.48 1 P	P	17 04 20.7 +1.7
CNCC	Off the	24.49 17 P	P	17 04 20.7 +1.6
CBE	Ff. Capester	24.54 77 P	P	17 04 20.1 +0.2
TZTN	Tazewell	24.65 6 P	P	17 04 22.2 +1.7
TZTN	Tazewell	24.65 6 P	P	17 04 22.8 +2.2
V58A	Windy Hill, Pi	24.69 15 P	P	17 04 21.9 +1.0
V58A	Windy Hill, Pi	24.69 15 P	P	17 04 23.1 +2.2
V58A			P	17 04 23.1 +2.2
SVB	Belmont	24.72 84	P	17 04 21.0 -0.5
SVB			I Amb	17 04 26.8
X34A	Smith Ranch, M	24.79 337	I Amb	17 04 47.8
U54A	Nelsons Funny	24.85 9	I Amb	17 04 28.7
U54A	Nelsons Funny	24.85 9 P	P	17 04 24.7 +2.2
U54A			P	17 04 24.7 +2.2
ODSA	Odessa	24.91 326	P	17 04 23.2 +0.1
ODSA			I Amb	17 04 25.3
U56A	King	24.93 12	P	17 04 24.6 +1.4
U56A			I Amb	17 04 29.5
U56A	King	24.93 12 P	P	17 04 26.1 +2.9
U56A			P	17 04 26.1 +2.9
T47A	Sharon Grove	24.95 359	P	17 04 24.6 +1.3
T50A	Nancy	25.02 3 P	P	17 04 25.4 +1.4
T50A			P	17 04 25.4 +1.4
MCLT	Moule a Chique	25.03 83	P	17 04 27.7 +3.4
PECS	Pecos	25.09 323	P	17 04 25.0 +0.2
PECS			I Amb	17 04 27.0
POST	Post	25.10 329	I Amb	17 04 28.9
SLBS	Sierra La Lagu	25.11 301	P	17 04 26.4 +1.4
SLBS			I Amb	17 04 29.1
MPOM	Morne Pois Mar	25.13 81	P	17 04 25.9 +0.7
MPOM			I Amb	17 04 31.3
WMOK	Wichita Mounta	25.28 336	I Amb	17 04 30.8
WMOK	Wichita Mounta	25.28 336 P	P	17 04 27.7 +1.3
WMOK	Wichita Mounta	25.28 336 P	P	17 04 28.0 +1.7
TUL1	Leonard	25.29 342	I Amb	17 04 28.1
TUL1	Leonard	25.29 342 P	P	17 04 26.3 -0.1
TUL1	Leonard	25.29 342 P	P	17 04 26.8 +0.3
DKNS	Dickens	25.31 331	P	17 04 27.1 +0.4
DKNS			I Amb	17 04 29.1
425A	Indio Mountain	25.36 321	P	17 04 27.3 +0.1
425A			I Amb	17 04 29.8
U38A	Gravette	25.40 345	P	17 04 28.3 +0.9
CGM3	Cape Girardeau	25.41 354	P	17 04 27.5 0.0
DEOK	Depew	25.45 341	I Amb	17 04 29.4
U59A	Littleton	25.56 17	I Amb	17 04 32.9
U59A	Littleton	25.56 17 P	P	17 04 30.7 +1.8
U59A			P	17 04 30.7 +1.8
LPIG	La Paz	25.58 301	LR	17 15 52.9
LPIG			LR	17 04 31.8 +1.9
NNA	Nana	25.65 158	P	17 04 31.8 +1.9
NNA			pmax	
OK031	S. Brethren Rd	25.66 340	P	17 04 27.8 -1.9
SS1A	Beattyville	25.73 5	I Amb	17 04 33.3
SS1A	Beattyville	25.73 5 P	P	17 04 32.1 +1.7
SS1A			P	17 04 32.1 +1.7
CLNB	Carlsbad	25.75 324	P	17 04 30.6 -0.2
CLNB	Blacksburg	25.76 11	I Amb	17 04 39.6
BLA	Blacksburg	25.76 11 P	P	17 04 32.7 +2.0
BLA	Blacksburg	25.76 11 P	P	17 04 33.4 +2.6
S44A	Carbondale	25.76 355	P	17 04 31.0 +0.3
S44A	Carbondale	25.76 355 P	P	17 04 32.2 +1.5
OK033	Melham	25.77 340	I Amb	17 04 32.5
T57A	Hurt	25.80 14	I Amb	17 04 34.5
T57A	Hurt	25.80 14 P	P	17 04 33.3 +2.2
T57A			P	17 04 33.3 +2.2
QUOK	Quay	25.81 341	I Amb	17 04 32.9
OK048	Pawnee Station	26.11 341	I Amb	17 05 07.8
SS4A	Dingess, Beckl	26.18 9 P	P	17 04 36.3 +1.8
SS4A			P	17 04 36.3 +1.8
WCI	Wyandotte Cave	26.18 0	P	17 04 34.9 +0.5
WCI			I Amb	17 04 37.1
WCI	Wyandotte Cave	26.18 0	P	17 04 34.9 +0.5
WCI			pmax	
WCI	Wyandotte Cave	26.18 0 P	P	17 04 35.3 +0.8
WCI			P	17 04 36.1 +1.6
T59A	Double "B" Far	26.21 16	I Amb	17 04 38.2

MINX	Cornudas Mount	26.23 322	P	17 04 35.1 +0.1
MINX	Cornudas Mount	26.23 322	P	17 04 35.6 +0.5
MINX	Cornudas Mount	26.23 322	P	17 04 35.8 +0.8
R49A	Shelbyville	26.27 2	I Amb	17 04 37.6
R49A	Shelbyville	26.27 2 P	P	17 04 36.6 +1.3
R49A			P	17 04 36.6 +1.3
R50A	Paris	26.31 4	I Amb	17 04 38.3
R50A	Paris	26.31 4 P	P	17 04 37.1 +1.5
R50A			P	17 04 37.1 +1.5
CCM	Cathedral Cave	26.35 352	P	17 04 35.7 -0.2
CCM	Cathedral Cave	26.35 352	P	17 04 35.7 -0.2
CCM			pmax	
CCM	Cathedral Cave	26.35 352	P	17 04 37.0 +1.1
CCM	Cathedral Cave	26.35 352	P	17 04 36.8 +0.9
S39A	Bolivar	26.35 348	I Amb	17 04 38.2
S39A	Bolivar	26.35 348 P	P	17 04 36.4 +0.3
T35B	Sooner Cattle	26.44 342	P	17 04 37.9 +1.0
MXST	Muleshoe	26.46 329	I Amb	17 04 39.7
MXST	Muleshoe	26.46 329 P	P	17 04 37.3 +0.1
MXST	Muleshoe	26.46 329 P	P	17 04 37.6 +0.4
CROK	Carrier	26.54 339	I Amb	17 04 39.3
S57A	Dark Hollow, R	26.60 14	P	17 04 40.2 +2.0
S57A			P	17 04 40.2 +2.0
T60A	Surry	26.60 18	P	17 04 40.5 +2.3
T60A			P	17 04 40.5 +2.3
R53A	Hurricane	26.60 8	P	17 04 39.2 +0.9
R53A			I Amb	17 04 41.9
R53A			P	17 04 40.0 +1.7
AMTX	Amarillo	26.66 331	I Amb	17 05 01.2
AMTX	Amarillo	26.66 331 P	P	17 04 39.4 +0.4
AMTX	Amarillo	26.66 331 P	P	17 04 39.5 +0.6
ELIS	Ellis County	26.69 336	P	17 04 39.4 +0.3
ELIS			I Amb	17 04 45.0
OLIL	Olney	26.72 357	P	17 04 41.3 +2.0
R40A	Maddies Statio	26.74 350	P	17 04 39.4 0.0
U32A	Winter Ranch,	26		

PKME	baz=209,SNR=9.3	36.34	21	P	P	17 06 05.9 +2.4
DUG	Peaks-Kenny Pk baz=209,SNR=9.3	36.45	325	P	P	17 06 06.0 +1.3
TPNV	Dugway, Tooele baz=132,SNR=8.5	36.46	318	P	P	17 06 06.7 +1.6
SPR3	Topopah Spring baz=126,SNR=10	36.53	322	P	P	17 06 05.5 -0.2
EDW2	Spring Creek 3	36.53	322	P	P	17 06 05.5 -0.2
FURC	Edwards Air Fo baz=121	36.54	314	P	P	17 06 06.9 +1.4
LRMC	Furnace Creek, baz=124	36.62	317	P	P	17 06 07.5 +1.6
PDAR	Laurel Mtn Rad, baz=122	36.63	315	P	P	17 06 07.5 +1.1
PDAR	Pinedale Array comp=Z,3.6nm,0.5s,baz=130,slow=10.0,SNR=45	36.64	331	P	P	17 06 06.8 +0.3
PDAR	comp=Z,0.6nm,0.6s,baz=148,slow=4.1,SNR=21	36.69	321	P	P	17 08 27.7 -0.2
PDAR	comp=Z,1.2nm,0.9s,baz=135,slow=6.1,SNR=5.2	36.77	328	P	P	17 12 06.2 -1.0
F62A	Pittston Farm comp=Z,3.6nm,0.5s baz=208,SNR=5.0	36.67	19	P	P	17 06 08.6 +2.2
F62A	baz=208,SNR=5.0			P	P	17 06 08.6 +2.2
HWUT	Hardware Ranch comp=Z,14nm,0.7s	36.77	328	P	P	17 06 07.9 -0.2
HWUT	comp=Z,14nm,0.7s			I	A	17 06 07.9
B35A	Bob, Littlefor comp=Z,1.0nm,0.7s	36.80	352	I	A	17 08 28.3 0.0
B35A	Bob, Littlefor baz=168,SNR=6.0	36.80	352	P	P	17 06 07.3 -0.1
MPMC	Manual Prospec baz=123,SNR=8.8	36.81	316	P	P	17 06 09.2 +1.3
PB01	IPOC Station P comp=Z,14nm,1.0s	36.81	353	I	A	17 06 10.5
R11B	Troy Canyon, C baz=128	36.89	321	P	P	17 06 10.0 +1.4
G65A	Princeton baz=212,SNR=6.7	36.91	23	P	P	17 06 10.8 +2.5
G65A	baz=212,SNR=6.7			P	P	17 06 10.8 +2.5
AGMN	Agassiz Nation comp=Z,1.0nm,0.6s	37.07	350	I	A	17 06 10.3
AGMN	Agassiz Nation baz=165,SNR=16	37.07	350	P	P	17 06 09.1 -0.7
F64A	Sherman baz=210,SNR=8.3	37.19	21	P	P	17 06 12.6 +1.8
F64A	baz=210,SNR=8.3			P	P	17 06 12.6 +1.8
ARVC	Arvin baz=120	37.26	314	P	P	17 06 11.2 -0.3
MDND	Maddock baz=159	37.43	346	P	P	17 06 12.5 -0.3
MDND	Maddock baz=159,SNR=13	37.43	346	P	P	17 06 12.9 +0.1
E62A	Clayton Lake baz=208,SNR=8.7	37.45	19	P	P	17 06 14.7 +1.8
E62A	baz=208,SNR=8.7			P	P	17 06 14.7 +1.8
SIV	San Ignacio comp=Z,19.4s,baz=130,slow=36	37.49	137	LR	LR	17 21 25.1
PB03	IPOC Station P comp=Z,3.5nm,1.3s	37.58	154	I	A	17 06 17.7
E63A	Oxbow baz=210,SNR=11	37.65	21	P	P	17 06 16.6 +2.0
E63A	baz=210,SNR=11			P	P	17 06 16.6 +2.0
MZP	Montezuma Peak comp=Z,2.0nm,0.7s	37.66	318	P	P	17 06 14.3 -0.9
MZP	Montezuma Peak baz=119	37.66	318	P	P	17 08 32.0 +0.9
PDRB	Porto dos Gas comp=Z,3.0nm,1.1s	37.74	127	eP	eP	17 06 16.7 +0.9
SNOW	Snow King Moun comp=Z,3.0nm,1.1s	37.74	331	I	A	17 06 39.9
TPH	Tonopah comp=Z,2.4nm,1.0s	37.77	319	I	A	17 06 19.2
VES	Vestal, Richgr baz=121	37.80	315	P	P	17 06 17.0 +0.9
PKM	Mpherson Peak baz=119	37.84	313	P	P	17 06 17.1 +0.4
TPAW	Teton Pass comp=Z,12nm,0.8s	37.85	331	I	A	17 06 53.6
FXWY	Fox Creek comp=Z,2.0nm,0.7s	38.00	331	P	P	17 06 17.5 -0.5
FXWY	Fox Creek baz=121	38.00	331	P	P	17 06 37.4 -0.3
PQI	Presque Isle comp=Z,2.4nm,0.9s,baz=121,slow=6.6,SNR=4.5	38.00	21	I	A	17 06 20.0
ELK	Indian Meadow comp=Z,7.4nm,0.8s,baz=137,slow=6.0,SNR=24	38.16	331	P	P	17 06 17.5 -1.8
ELK	Indian Meadow baz=121	38.20	324	P	P	17 06 21.1 +1.5
ELK	comp=Z,4.9nm,0.9s,baz=121,slow=6.6,SNR=4.5			P	P	17 06 41.3 +1.9
ELK	comp=Z,2.4nm,0.7s,baz=29,slow=1.6,SNR=4.7			P	P	17 12 15.1 +2.0
RLMT	Red Lodge comp=Z,1.0nm,0.7s,baz=223,slow=3.1,SNR=4.7	38.35	334	P	P	17 06 20.3 -0.5
LAO	LASA Array comp=Z,4nm,0.7s	38.42	338	I	A	17 06 23.1
LAO	LASA Array baz=148	38.42	338	P	P	17 06 21.3 0.0
PTLB	Pontes e Lacer comp=Z,1.5nm,1.1s	38.43	134	eP	eP	17 06 21.4 -0.2
LVC	Limon Verde comp=Z,1.5nm,1.1s,baz=329,slow=5.7,SNR=8.1	38.44	153	P	P	17 06 23.4 +1.5
LVC	Limon Verde comp=Z,2.7nm,1.2s	38.44	153	P	P	17 06 23.0 +1.0
LVC	Limon Verde comp=Z,2.7nm,1.2s	38.44	153	eP	eP	17 06 22.0 0.0
LVC	Limon Verde comp=Z,2.7nm,1.2s	38.44	153	P	P	17 06 22.4 +0.5
BBSD	Serra de San D comp=Z,5.5nm,0.9s,baz=135,slow=8.0,SNR=4.0	38.66	138	eP	eP	17 06 22.8 -0.7
NVAR	Mina Array Bea comp=Z,6.2nm,0.7s,baz=126,slow=8.3,SNR=18	38.67	319	P	P	17 06 24.9 +1.3
NVAR	comp=Z,5.5nm,0.9s,baz=135,slow=8.0,SNR=4.0			P	P	17 06 45.2 +1.8
NVAR	comp=Z,6.1nm,0.7s,baz=137,slow=8.5,SNR=15			P	P	17 08 35.0 +0.8
NVAR	comp=Z,1.2nm,0.7s,baz=134,slow=5.2,SNR=6.4			P	P	17 12 14.9 -0.1
NVAR	comp=Z,1.93nm,20.0s,baz=138,slow=39			LR	LR	17 23 59.5
NVAR	Mina Array Bea comp=Z,6.2nm,0.7s	38.67	319	P	P	17 06 23.3 -0.3
NVAR	Mina Array Bea comp=Z,6.2nm,0.7s	38.67	319	P	P	17 06 41.5 -1.9
NVAR	Mina Array Bea comp=Z,6.2nm,0.7s	38.67	319	P	P	17 06 34.7 +0.6
KVN	Kaiserville comp=Z,12nm,0.8s	38.89	320	I	A	17 06 28.4
ULM	Lac du Bonnet comp=Z,17nm,0.6s,baz=164,slow=9.0,SNR=36	38.96	350	P	P	17 06 24.5 -1.1
ULM	Lac du Bonnet comp=Z,17nm,0.6s	38.96	350	I	A	17 06 25.1
ULM	Lac du Bonnet comp=Z,17nm,0.6s	38.96	350	I	A	17 06 25.2
BMN	Battle Mountain comp=Z,14nm,1.0s	39.17	322	I	A	17 06 31.4
BATG	Bathurst New B comp=Z,20nm,0.6s	39.22	22	I	A	17 06 29.8
DGMT	Dagmar comp=Z,2.0nm,0.7s	39.28	341	P	P	17 06 28.4 0.0
DGMT	Dagmar comp=Z,2.0nm,0.7s	39.28	341	P	P	17 06 27.3 -1.0
DGMT	Dagmar comp=Z,2.0nm,0.7s	39.28	341	P	P	17 06 28.4 0.0
DGMT	Dagmar comp=Z,2.0nm,0.7s	39.28	341	P	P	17 06 29.0 +0.6
PB14	IPOC Station P comp=Z,28nm,1.1s	39.61	157	I	A	17 06 34.1
HLID	Hailey baz=134,SNR=9.7	39.64	328	P	P	17 06 32.0 +0.4
BOZ	Bozeman baz=140,SNR=11	39.77	332	P	P	17 06 33.0 +0.5
LRM	Limekiln Ridge comp=Z,2.0nm,0.6s	40.31	332	P	P	17 06 36.4 -0.8
GO02	Goose comp=Z,2.1nm,1.0s	40.41	156	P	P	17 06 38.2 -0.1
GO02	Goose comp=Z,2.1nm,1.0s	40.41	156	I	A	17 06 40.9
EGMT	Eagleton baz=144,SNR=6.8	40.87	336	P	P	17 06 41.5 -0.1
SALY	Santo Antonio comp=Z,1.1nm,0.7s	41.20	131	eP	eP	17 06 44.4 -0.2
WVOR	Wild Horse Val comp=Z,1.1nm,0.7s	41.24	323	I	A	17 06 47.1
PLID	Pearl Lake comp=Z,1.1nm,0.7s	41.52	328	P	P	17 06 47.1 0.0
MSO	Missoula baz=138	41.75	332	P	P	17 06 48.5 -0.4
BMO	Blue Mountains baz=138	42.04	327	P	P	17 06 50.7 -0.5
BMO	Blue Mountains baz=138	42.04	327	P	P	17 06 50.7 -0.5

BMO	comp=Z,6.0nm,0.7s			pmx	pmx	
AC06	Mina Casimiro comp=Z,2.4nm,0.8s	42.10	158	I	A	17 06 54.0
PANT	Parana (Braz comp=Z,1.76nm,18.8s,baz=139,slow=38	42.60	136	eP	eP	17 06 57.7 +1.8
YBH	Yreka Blue Hor comp=Z,1.76nm,18.8s,baz=139,slow=38	43.31	320	LR	LR	17 26 43.1
AC05	EI Transito comp=Z,3.0nm,0.8s	43.48	159	I	A	17 07 05.5
LCO	Las Campanas comp=Z,2.5nm,1.1s	43.49	160	P	P	17 07 04.1 +0.8
LCO	Las Campanas comp=Z,2.5nm,1.1s	43.49	160	P	P	17 07 05.6
LCO	Las Campanas comp=Z,2.5nm,1.1s	43.49	160	P	P	17 07 04.1 +0.8
LRAC	comp=Z,2.5nm,1.1s			pmx	pmx	
ARAG	Araguainia, MT comp=Z,1.9nm,0.5s,baz=138,slow=8.1,SNR=2.8	44.00	128	eP	eP	17 07 07.2 -0.1
NEW	Newport comp=Z,1.9nm,0.5s	44.28	331	P	P	17 07 08.7 -0.4
NEW	Newport comp=Z,1.9nm,0.5s	44.28	331	P	P	17 07 08.6 -0.5
DRLN	Deer Lake comp=Z,2.8nm,0.8s	44.29	27	P	P	17 07 09.2 +0.1
DRLN	Deer Lake comp=Z,2.8nm,0.8s	44.29	27	I	A	17 07 10.9
FFC	Flin Flon comp=Z,2.0nm,0.7s	44.38	347	P	P	17 07 09.3 -0.5
FFC	Flin Flon comp=Z,2.0nm,0.7s	44.38	347	P	P	17 07 11.5
FFC	Flin Flon comp=Z,2.0nm,0.7s	44.38	347	P	P	17 07 09.3 -0.5
FFC	Flin Flon comp=Z,2.0nm,0.7s	44.38	347	P	P	17 07 08.9 -0.9
GO04	Tololo Observa comp=Z,2.5nm,1.1s	44.53	160	I	A	17 07 13.8
RPN	Rapa Nui comp=Z,9.3nm,18.3s,baz=92,slow=31	44.69	209	LR	LR	17 22 36.5
CO06	Fray Jorge comp=Z,2.9nm,0.9s	44.72	162	I	A	17 07 15.0
CO03	EI Pedregal comp=Z,3.2nm,1.1s	45.18	161	I	A	17 07 18.7
SCHO	Schefferville comp=Z,2.2nm,0.5s,baz=217,slow=6.3,SNR=99	45.52	16	P	P	17 07 18.4 -0.4
SCHO	Schefferville comp=Z,2.2nm,0.5s	45.52	16	P	P	17 26 02.4
SCHO	Schefferville comp=Z,2.2nm,0.5s	45.52	16	P	P	17 07 18.1 -0.7
EDM	Edmonton comp=Z,2.0nm,0.6s	46.41	338	I	A	17 07 26.9
AMBA	Amambai (Brazi comp=Z,3.0nm,1.2s	46.43	138	eP	eP	17 07 25.6 -0.8
ZON	Zonda comp=Z,3.0nm,1.2s	46.51	159	I	A	17 07 29.4
VA06	Catapilco comp=Z,2.9nm,0.9s	46.59	162	I	A	17 07 29.3
BDFB	Brasilia comp=Z,6.1nm,0.7s,baz=245,slow=8.4,SNR=7.6	46.96	125	P	P	17 07 29.4 -1.4
ROC1	El Pedregal comp=Z,3.0nm,1.3s	47.06	162	I	A	17 07 38.0
FCC	Fort Churchill comp=Z,9.2nm,0.7s	47.08	355	I	A	17 07 31.7
PEL	Peledue comp=Z,2.5nm,1.2s	47.32	162	P	P	17 07 33.0 -0.2
PEL	Peledue comp=Z,2.5nm,1.2s	47.32	162	P	P	17 07 33.0 -0.2
PEL	Peledue comp=Z,2.5nm,1.2s	47.32	162	pmx	pmx	
CPUP	Villa Florida comp=Z,2.6nm,0.7s,baz=326,slow=8.4,SNR=6.0	47.48	144	P	P	17 07 33.6 -0.9
CPUP	Villa Florida comp=Z,2.6nm,0.7s	47.48	144	eP	eP	17 07 33.5 -1.0
CPUP	Villa Florida comp=Z,2.6nm,0.7s	47.48	144	P	P	17 07 32.4 -2.1
CPUP	Villa Florida comp=Z,2.6nm,0.7s	47.48	144	pP	pP	17 07 54.7 -0.1
CPUP	Villa Florida comp=Z,2.6nm,0.7s	47.48	144	sP	sP	17 08 00.6 -3.7
MT08	Bocatomia Ro comp=Z,4.6nm,0.8s	47.80	161	I	A	17 07 40.2
MT09	Talagte comp=Z,5.2nm,1.6s	47.81	162	I	A	17 07 39.8
MT13	San Alfonso comp=Z,1.7nm,0.8s	47.99	162	I	A	17 09 07.0
LMEL	Las Melosas comp=Z,2.5nm,1.0s	48.12	162	I	A	17 07 41.9
LLLB	Lillooet comp=Z,7.6nm,0.6s	48.16	330	I	A	17 07 41.3
BO01	Tunca comp=Z,3.4nm,1.1s	48.36				

29d 17h

Table of station data for 29d 17h, including columns for station name, coordinates, and various parameters like elevation and signal strength.

2017 MAR

Table of station data for 2017 MAR, including columns for station name, coordinates, and various parameters.

IDC 29 17:05:29.2:531.0,57.38N:30:17E, h0km, Error ellipse: s-maj=201.1km s-min=93.6km az=94.0, Baltic States-Belarus-Northwestern Russia

Table of station data for IDC 29 17:05:29.2:531.0,57.38N:30:17E, including columns for station name, coordinates, and various parameters.

IDC 29 17:13:45.1:1.3,2:50N:127:93E, h0km, mb3.7/6, mtbmp3.7/6, MS3.6/3, Error ellipse: s-maj=122.8km s-min=18.4km az=68.0

ISC 29 17:13:51.7:1.5,2:5N:0:5:12:8E, h51km, n15, e044/6, mb3.7/6, Halmahera

Table of station data for ISC 29 17:13:51.7:1.5,2:5N:0:5:12:8E, including columns for station name, coordinates, and various parameters.

IDC 29 17:30:18.6:6.5,20:20S:178:02W, h532km, 4.3km, mb2.9/3, mtbmp3.8/4, Error ellipse: s-maj=142.8km s-min=47.2km az=141.0, Fiji Islands region

Table of station data for IDC 29 17:30:18.6:6.5,20:20S:178:02W, including columns for station name, coordinates, and various parameters.

IDC 29 17:59:58.1:1.4,52:69N:132:66W, h0km, mb3.8/5, mtbmp3.8/8, ML3.4/3, MS3.4/4, Error ellipse: s-maj=24.5km s-min=10.6km az=27.0

NEIC 29 18:00:08.1:7.52:90N:0:06:132:41W, h01km, 1km, mb4.1/2, Error ellipse: s-maj=12.2km s-min=4.1km

ANF 29 18:00:01.6:1.2,52:98N:132:99W, h16km, 19km, ML4.1/9, Error ellipse: s-maj=18.4km s-min=10.8km az=0.0

PGC 29 18:00:01.2:1.52:99N:132:59W, h27km, mb4.1, ML3.8/19, 59km Wsw of Sandspit, Be Haida Gwaii Region

ISC 29 17:59:59.6:0.8,52:92N:0:03:132:53W, h04km, 4km, n160, e164/189, mb4.1/13, MS3.7/3, Queen Charlotte Islands region

Table of station data for ISC 29 17:59:59.6:0.8,52:92N:0:03:132:53W, including columns for station name, coordinates, and various parameters.

1718

Table of station data for 1718, including columns for station name, coordinates, and various parameters.

RNSC 29 17:01:06.0:6.0,6.83N:73:15W, h140km, 6km, ML1.5, Northern Columbia

Table of station data for RNSC 29 17:01:06.0:6.0,6.83N:73:15W, including columns for station name, coordinates, and various parameters.

CRAG Craig 2.58 352 P Pn 18 00 41.0 -0.9

Table of station data for CRAG Craig, including columns for station name, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DSI Dead Sea, WALJ Wala, AMAZ Amatzia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I43RU DUBNA INFRASON, I37NO I37NO, I46RU ZALESOVO INFRASO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I43RU DUBNA INFRASON, I37NO I37NO, I46RU ZALESOVO INFRASO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZSN Zaisan, MK31 Makanchi Array, I37NO I37NO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PUN Puchokki, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, TG Yagatay City, etc.

NEIC 29 19:37:36.7±1.8, 58.4S:0.1±25.5W:0.2, h141km, 4km, mb4.6/16, Error ellipse: s-maj=21.6km s-min=12.7km az=223.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PLCA Paso Flores, GO05 Huala, GO05 Talagante, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VANDA Vanda, BOSB Boshof, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H10S2 ASCENSION HYDR60, H10S3 ASCENSION HYDR60, H10N1 ASCENSION HYDR51, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DBIC Dimbokro, TOAO Torodi Arr. Sit, TORD Torodi Arr. Bea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, PDAR Pinedale Array, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YKA Yellowknife Arr, ZALV Zalesovo Beam, SONM Songino Array, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, KURBS Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUC 29 20:29:20.4±0.5, 28.90S:72.69W, h16km, 15km, ML3.7, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AC04 Llanos de Chal, LCO Las Campanas, Fray Jorge, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LCO Las Campanas, Fray Jorge, TOLO Tololo Observa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AC05 El Transito, CO01 Juntas del Tor, GO03 Copiap, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AC06 Mina Casimiro, CO03 El Pedregal, CO03 Combarbal, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CO03 El Pedregal, CO03 Combarbal, CO01 Pan de Azucar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MT10 Hacienda Santa, MT05 Renca, MT01 Topa Topa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H03N2 Juan Fernandez, H03N3 Juan Fernandez, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CPUP Villa Florida, SIV San Ignacio, SIV San Ignacio, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BDFB Brasilia, TXAR Lajitas Arr, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RAR Rarotonga, PDAR Pinedale Array, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, MOS 29 20:37:01.8±0.8, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NEIC 29 20:37:03.9±1.7, 10.95S:107.4117E, h01km, 1km, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SBV Sambava, KIBK Kibwezi, KIBO Kibwezi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OPO Ambodihatompo, OPO OPO, ABPO Ambohimpanom, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMBO Kilima Mbogo, KMBO Kilima Mbogo, VOI Vohitsoka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LSZ Lusaka, LSZ Lusaka, MBAR Mbarara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MBAR Mbarara, MBAR Mbarara, LODK Lodwar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LODK Lodwar, MOPA Mopani, MUSM Musina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, BOSB Boshof, etc.

29d 20h

Table with columns: Name, Comp, Time, P, I, A, M, B, and other performance metrics. Includes entries like BOSHA Boshof, TSUM Tsumeb, and many others.

2017 MAR

Table with columns: ITM, Name, Comp, Time, P, I, A, M, B, and other performance metrics. Includes entries like GEYT Alibeck, GYAT ALIBECK ARRAY, and many others.

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Table with columns: Name, Comp, Time, P, I, A, M, B, and other performance metrics. Includes entries like AQU L'Aquila, AQU L'Aquila, and many others.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, and other parameters. Includes entries like G23K Bananza Creek, G26K Porcupine Rive, G30M 1Aoh Yzaili Nji, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, and other parameters. Includes entries like N30M Aishiki Lake, MCARA McCarthy VSAT, CCM Cathedral Cave, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, and other parameters. Includes entries like GWY Greenwater Val, TUQ Turquoise Mountain, QSM Queen of Sheba, etc.

CRSC 29:20:38.32; 4.1, 2.56; 97N; 163.25E, h26km; 14km, M14.3
MOS 29:20:38.35; 4.0, 0.7, 56; 97N; 163.06E, h30km, mb3.9, 1, Error
IDC 29:20:38.40; 0.2, 8, 56; 95N; 162.76E, h58km; 28km, mb3.4/7,
s-min=17.5km az=144.0
ISC 29:20:38.52; 5.1, 4.57, 02N; 0.04; 163.08E; 0.03, h3km, 9km,
n81, c1f33/96, mb3.5/6. Near east coast of Kamchatka

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, and other parameters. Includes entries like KBG Krutoberegovo, KGB Krutoberegovo, KBR Krutoberegovo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GRL Gorely, MTRV Mutnovka, KDRT Khodutka, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DGRG David-gareji, BOZK Kars-Merkez-Bo, DEMIRK Demirkent, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PWL Port Wells, GHO Glory Hole Cre, PETK Petropavlovsk, etc.

NORS 29 20:39:55.6, 0.0, 42.46N, 143.23E, h10km, MPVA3.5

TIF 29 20:39:55.6, 0.0, 42.49N, 143.25E, h11km

MOS 29 20:39:56.0, 0.0, 42.52N, 143.24E, h1km, MPVA3.3

DDA 29 20:39:58.0, 0.0, 42.45N, 143.18E, h5km, 2km, ML2.8

ISC 29 20:39:56.4, 0.0, 42.49N, 0.01, 43.24E, 0.01, h8km, 7km, n74, c096/144, Western Caucasus

AEIC 29 20:40:32.8, 2.5, 52.4N, 0.2, 174.8W, 0.1, h224km, 7km, Error ellipse: s-maj=25.5km, s-min=11.9km, az=165.0

NEIC 29 20:40:33.0, 1.4, 52.8N, 0.2, 174.7W, 0.2, h195km, 13km, mb4, 3/73, ML3.7(AEIC), Error ellipse: s-maj=22.9km

ISC 29 20:40:31.6, 0.0, 6.527N, 0.1, 174.76W, 0.06, h200km, n230, c121/232, mb4.1/21, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ONI Oni, TKB Tkibuli, DIGR Digorskoe uzhe, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GSTR Great Sitkin T, ADK Adak, KIWB Kanaga Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MCK McKinley, BWN Browne, G21K Allakatt, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SHTL Shatili, DOMR Dombai, BATM Batumi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SPCR Spurr Chakacha, BRLE Bradley Lake, K20K Telida, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like G24K Hadweencriv, M26K Nabesna, M26K Nabesna, etc.

29D 22h

Table with columns for station code, name, elevation, and coordinates. Includes stations like NCU National Centre, STYH Taoyuan, TPUB Ta-pu, CHN4 Tsaushan, LONT Longtian, SKX1 Grass Mountain, CHN2 Minshiang, TWS1 Kuangyinshan, WRL Guolierlin Hig, WTP Ta-pu, YMO1 YMO1, WTK Tuku, CHY Chiayi, NTST Danshui, ANP Anpu, TWGB Beinan, TWGT Ta-ch'eng, JYNG Yonagunijimaku, TWK Hsiangying, TTN Taitung, LDUT Ludao, CHN1 Nanshi, SGST Jiashian, WYJ Chenhua, YOJ Yonaguni jima, YOL Yonaguni jima, YOW Yonaguni jima, SLGT Liugu, WSF Zshu, WSL Shuilin Townsh, ICHU Yijiu, CHN8 Yijiu, CHN3 Shinhua, ECL Taimali, SSHA Shanhua, SCST Cishan, SSD Sandimen, TSMG Majia, TWM1 Shoushan, MASBT Mashibuluo, TSCK Chigu Township, EAST Anshuo, TAW Tawu, TAWH Dawu Township, SCZT Fangliu, SLIU Shizi, LAY Lan-yu, IRIF Iriomote-Funau, LYUB Lan-yu, WDGJ Dunggji, HATJ Hateruma jima, PHUB Peng-hu, PNG Penghu.

2017 MAR

Table with columns for station code, name, elevation, and coordinates. Includes stations like PNG baz=256, SMST Manzhou Townsh, HEN Hengchun, TWK1 Hengchun, TWKBT Hengchun, TSEB Hengchuen, JKRS Kuro-shima, VCHM Qimei, VWUC VWUC, JIJ Ishigaki jima, JISG Ishigakijimahi, PTMZ Houxiangcun, MATB Ma-tsu, JIJ Tarama, JTKJ Kinmen, KNMB Chin-men Tao, MHZO Yeshan, XPSS Dashiqiu, JIRB IKJM, IKJM Ikemajima, JMKM Miyako jima, AXDP Jialang, JOGS Gusukubu, ZPLA Ao Xicun, DSXP Dongshan, SXFK Yanhouchang, IDC 29 22:54:10.5-1.6, 18.18N-106.21W, h0km, mb3.9/11, mbmp3.9/14, ML3.7/3, MS4.0/22, Error ellipse: s-maj=43.6km s-min=17.4km az=54.0, MEX 29 22:54:14.7-0.4, 18.48N-106.01W, h5km, MD4.3, NEIC 29 22:54:14.1-1.6, 18.39N-106.10W, h10km, 1km, mb4.6/101, Md4.3/34(MEX), Error ellipse: s-maj=14.8km s-min=10.1km az=224.0, GCMT 29 22:54:16.1-0.6, 18.51N-106.16W, h0km, 1km, MV4.8/81, Moment tensor Solution. s12,c12; s81,c99; Duration: 0 Moment tensor: Scale 10^19Nm; Mir-0.57; 14; Mw=1.57; 10; Mst=2.14; 12; Mst0.28; 23; Mw=1.17; 10; Mw=0.87; 22; Best double couple: M2 34500; 1017; 10; NP1=0.208, 0.0000; s86, 0.0000; l-24, 0.0000; NP2: phi=300, 0.0000; s86, 0.0000; l-175, 0.0000; Principal axes: T 2.6300, P1g14.0000, Azm256.0000; N -0.5720, P1g65.0000, Azm18.0000; P -2.0600, P1g20.0000, Azm161.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, ISC 29 22:54:13.8-0.6, 18.45N-106.106W, h0.06, h10km, n401, s135/393, mb4.6/46, MS4.0/22, Off coast of Jalisco, Code Station Name Az AZ' Phase ID Time Res ISC, CJM Chabela, CJM Emiliano Zapat, CIHU Ciudad de Arme, CDAR R15V, R15V Colima, COIG MINGA, MINGA Volcan de Coli, SOMAC Volcano de Coli, EZSV, EZSV Volcan de Coli, INCO Volcan de Coli, JUBC Volcan de Coli, JUBC MMIG, MMIG Aquila, ANIG Ahuacatlan, ANIG Ahuacatlan, ANIG ZIIG, ZIIG Zihuatanejo, ZIIG Zihuatanejo, ZIIG SOCORRO T-PHAS, MAIG Mazatlan, MAIG Mazatlan, MOIG Morelia, MOIG Morelia, ZAIG Zacatecas, ZAIG Zacatecas, ARIG Puento Sto Nin, ARIG Puento Sto Nin, SLBS Sierra La Lagu, TLIG Tlanta, TLIG Santa Rosalia, SRIG Lajitas Ar. Si, TX31 Lajitas Array, TX32 Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, 833A Chaparral WMA, 833A Chaparral WMA, 425A Indio Mountain, 513A Douglas, MINTX Corudus Mount, JCT Junction City, JCT Junction City, CCIG Comitán, GDL2 Guadalupe Moun, CLNB Carlsbad, ODA Odessa, 121A Cokes Peak, D, 121A Cokes Peak, D, HTMS Hat Mesa, DUN6 Lazy B Ranch, TUC Tucson, TUC Tucson, 435B Jarrell.

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Table with columns for station code, name, elevation, and coordinates. Includes stations like CPXR Cap Rock, PIX Pinacate, 214A Organ Pipe Nat, 214A Organ Pipe Nat, POST Post, ABTX Abilene, Hawle, ABTX Abilene, Hawle, PETF Flores, WHTX Lake Whitney, BNM Barren Site, LENM Lemitar, MSTX Muleshoe, MSTX Muleshoe, 113A Mohawk Valley, FW07 Weatherford, FW06 Azle, FW06 Azle, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ESQI Esquipulas, GLA Glamis, IKP In-Ko-Pah, Jac, NATX Nacogdoches, NATX Nacogdoches, AMTX Amarillo, AMTX Amarillo, SWSC Sam W. Stewart, W18A Petrified Fore, W18A Petrified Fore, MONP2 Monument Peak, BC3 Big Chuckwall, PDMCI Parker Dam, 109C Camp Elliot, WMOK Wichita Moun, WMOK Wichita Moun, IRM Iron Mountain, WUAZ Wupatki, WUAZ Wupatki, X34A Smith Ranch, TPFO Pinon Flats, PFO Pinon Flats, PFO Pinon Flats, BELC Belmont, NEE2 Needles Airpor, MURC Murrieta, GMRC Granite Moun, CIS Catalina Islan, TGUH Teeguicapa, TGUH Trinidad, T25A Trinidad, X37A Clayton, HEC Hector Ludlow, MVCO Mesa Verde, BFSC Mount Baldy Ra, V12A Nelson, Z41A Richland Creek, 344A Westbrook Farm, SNCC San Nicolas Is, TUQ Turquoise Moun, DECC Green Verdugo, SDCO Great Sand Dun, SDCO Great Sand Dun, S22A 4UR Ranch, Cre, GSC Goldstone, Bar, KNB Kanab, EDW2 Edwards Air Fo, MIAR Mount Ida, MIAR Mount Ida, SHOC Shoshone, Teco, VBMS Vicksburg, VBMS Vicksburg, TUL1 Leonard, TUL1 Leonard, OSI Oso Audit: C, SCZ2 Santa Cruz Isl, PV13 Radium Mtn., P, LRMC Laurel Mtn Rad, X40A Basin Creek Fa, GWY Greenwater Val, SBC Santa Barbara, ARVC Arvin, T35A Sooner Cattle, MPMC Mineral Prospec, FURC Furnace Creek, ISA Isabella, Lake, PKM Mcpherson Peak.

Q24A	Divide	20.46	2	P	Pn	22 58 54.0	0.0
PRN	Pahroc Range	20.46 339	P	P		22 58 51.3	-0.5
TPNV	Topopah Spring	20.48 336	I	Iamb		22 58 52.6	+0.6
TPNV	comp-Z, 22nm, 1.0s					22 59 00.8	
TPNV	Topopah Spring	20.48 336	P	P		22 58 53.6	+1.5
BOAB	BOACO Broadband	20.55 104	P	Iamb		22 58 54.0	+1.3
BOAB	comp-Z, 46nm, 1.1s					22 59 19.9	
SMCO	Snowmass	20.67 358	P	P		22 58 55.0	+0.7
MVU	Marysville	20.68 346	P	P		22 58 55.4	+1.1
KSCO	Kaye Shedlock	20.70 8	P	P		22 58 55.8	+1.4
HHAR	Hobbs	20.74 29	I	Iamb		22 58 55.0	+0.3
HHAR	comp-Z, 26nm, 0.8s					22 59 04.9	
VES	Vestal, Richgr	20.80 329	P	P		22 58 56.5	+1.3
CWC	Cottonwood Cre	20.81 332	P	P		22 58 56.7	+1.1
SMMC	Simmier	20.85 326	P	P		22 58 56.6	+0.7
GRAC	Grapevine Rang	20.97 334	P	P		22 58 58.3	+1.1
CBKS	Cedar Bluff	21.03 14	P	P		22 58 58.3	+0.5
CBKS	Cedar Bluff	21.03 14	P	P		22 58 59.3	+1.5
ACON	Acocaya	21.16 105	P	Iamb		22 58 59.7	+0.3
ACON	comp-Z, 36nm, 1.4s					22 59 28.3	
ISCO	Idaho Springs	21.28 1	P	P		22 59 02.1	+1.4
ISCO	Idaho Springs	21.28 1	P	P		22 59 02.0	+1.2
VOG	Valley Oaks Go	21.32 329	P	P		22 59 01.4	+0.5
P17A	Butcher Ranch,	21.34 350	P	P		22 59 01.8	+0.6
P17A	Brewton	21.37 50	P	P		22 59 02.2	+0.7
R11B	Troy Canyon, C	21.49 339	P	P		22 59 03.6	+0.7
DSP	Deep Springs	21.54 333	P	P		22 59 03.3	+0.3
O20A	White River Ci	21.69 356	P	P		22 59 06.0	+1.0
O20A	White River Ci	21.69 356	P	P		22 59 05.8	+0.8
OXF	Oxford	21.82 40	P	P		22 59 07.9	+1.6
Z47A	Carrollton	21.82 44	P	P		22 59 06.6	+0.3
LCAR	Lake Charles	21.95 34	P	Iamb		22 59 08.3	+0.6
LCAR	comp-Z, 20nm, 1.2s					22 59 16.4	
JTS	Las Juntas de	21.99 109	P	LR		22 59 06.9	-1.4
JTS	comp-Z, 1.9nm, 0.4s, baz=274, slow=33					23 06 18.8	
MLAC	Mammoth, Mammo	22.14 332	P	P		22 59 10.7	+0.8
MLAC	comp-Z, 1.9nm, 0.4s					22 59 23.7	
KSU1	Kansas State U	22.16 20	P	Iamb		22 59 10.6	+0.7
KSU1	Kansas State U	22.16 20	P	Iamb		22 59 23.7	
KSU1	Kansas State U	22.16 20	P	P		22 59 11.3	+1.4
S39A	Bolivar	22.18 28	P	Iamb		22 59 10.5	+0.3
S39A	comp-Z, 26nm, 0.9s					22 59 16.2	
MDPB	Devils Postpil	22.25 332	P	Iamb		22 59 11.3	+0.1
MDPB	comp-Z, 31nm, 1.2s					22 59 16.8	
250A	Grady	22.37 49	P	P		22 59 11.8	-0.4
N23A	Red Feather L	22.37 0	P	P		22 59 13.7	+1.3
DUG	Dugway, Tooele	22.43 346	P	P		22 59 13.8	+0.8
DUG	Dugway, Tooele	22.43 346	P	P		22 59 13.9	+0.8
LRAL	Lakeview Retre	22.44 46	P	Iamb		22 59 13.5	+0.5
LRAL	comp-Z, 22nm, 1.0s					22 59 16.7	
LRAL	Lakeview Retre	22.44 46	P	P		22 59 14.4	+1.4
LHV	Little Hooton	22.51 334	P	Iamb		22 59 14.2	+0.6
LHV	comp-Z, 22nm, 1.3s					22 59 18.6	
NV11	Mina Array Sit	22.52 335	P	Iamb		22 59 14.1	+0.1
NV11	comp-Z, 20nm, 1.2s					22 59 17.5	
NVAR	Mina Array Bea	22.58 334	P	LR		22 59 15.7	+1.0
NVAR	comp-Z, 10.0nm, 1.1s, baz=153, slow=9, SNR=28					23 06 58.4	
NVAR	comp-Z, 165nm, 21.0s, baz=212, slow=34						
NVAR	comp-Z, 10.0nm, 1.1s						
NVAR	Mina Array Bea	22.58 334	P	P		22 59 14.7	+0.1
OGNE	Ogallala	22.59 38	P	P		22 59 16.1	+0.5
OGNE	comp-Z, 190					22 59 38.3	
CTU	Camp Tracy	22.70 349	P	Iamb		22 59 16.0	+0.2
CTU	comp-Z, 16nm, 1.2s					22 59 38.3	
KVN	Kaiserville	23.03 336	P	Iamb		22 59 19.4	0.0
KVN	comp-Z, 18nm, 1.5s					22 59 50.9	
352A	Blakely	23.09 52	P	Iamb		22 59 20.4	+0.5
352A	comp-Z, 26nm, 0.9s					22 59 28.0	
RIMA	Rio Macho	23.19 109	P	Iamb		22 59 21.7	+0.5
RIMA	comp-Z, 12nm, 1.0s					22 59 41.1	
SPUT	South Promonto	23.43 348	P	Iamb		22 59 23.3	-0.1
SPUT	comp-Z, 15nm, 1.3s					22 59 42.5	
CCM	Cathedral Cave	23.44 31	P	P		22 59 23.2	-0.1
CCM	Cathedral Cave	23.44 31	P	P		22 59 24.0	+0.7
HWUT	Hardware Ranch	23.55 350	P	P		22 59 24.5	-0.1
ELK	Elko	23.57 342	P	P		22 59 24.5	-0.4
ELK	comp-Z, 1.5nm, 0.8s, baz=170, slow=5.9, SNR=4.4					23 08 09.4	
ELK	Elko	23.57 342	P	P		22 59 24.0	-0.8
P38A	Dawn	23.73 25	P	Iamb		22 59 26.0	-0.1
P38A	comp-Z, 23nm, 1.0s					22 59 41.6	
FVM	French Village	23.79 32	P	Iamb		22 59 26.6	-0.1
FVM	comp-Z, 33nm, 1.4s					22 59 28.6	
BGNE	Belgrade	23.87 15	P	P		22 59 28.5	+1.0
BMN	Battle Mountai	23.92 339	P	Iamb		22 59 27.8	-0.3
BMN	comp-Z, 14nm, 1.1s					22 59 33.3	
656A	Wilston	24.06 59	P	P		22 59 29.6	+0.2
TIGA	Tifton	24.08 53	P	Iamb		22 59 30.1	+0.5
TIGA	comp-Z, 23nm, 0.9s					22 59 53.0	
TIGA	Tifton	24.08 53	P	P		22 59 30.5	+1.0
K22A	Casper	24.13 359	P	P		22 59 30.7	+0.6
SIUC	Southern Iliin	24.21 34	P	Iamb		22 59 30.7	0.0
SIUC	comp-Z, 20nm, 0.9s					22 59 41.2	
FPAL	Fort Paine	24.26 45	P	P		22 59 31.4	+0.2
BW06	Boulder Array	24.42 354	P	P		22 59 33.4	+0.6
PD31	Pinedale Array	24.42 354	P	P		22 59 32.6	-0.2
PDAR	Pinedale Array	24.42 354	P	LR		22 59 33.2	+0.4
PDAR	comp-Z, 0.6nm, 0.8s, baz=160, slow=10.0, SNR=6.9					23 09 08.4	
PDAR	comp-Z, 262nm, 19.4s, baz=182, slow=36						
PDAR	comp-Z, 0.6nm, 0.8s					22 59 32.7	-0.1
PDAR	Disney Wildern	24.55 62	P	P		22 59 33.6	-0.3
DWPF	Disney Wildern	24.55 62	P	P		22 59 35.1	+1.2
W50A	Signal Mountai	24.85 44	P	P		22 59 36.1	-0.5
ORV	Oroville	24.91 331	P	Iamb		22 59 37.2	+0.2
ORV	comp-Z, 23nm, 1.2s					22 59 42.0	
154A	Montrose	25.00 51	P	P		22 59 38.6	+0.7
SNOW	Snow King Moun	25.25 352	P	Iamb		22 59 41.1	+0.8
SNOW	comp-Z, 17nm, 1.0s					22 59 45.7	
OLIL	Olney	25.55 34	P	P		22 59 42.6	-0.2
SCIA	State Center	25.83 22	P	P		22 59 46.8	+1.5

HLID	Hailey	26.00 346	P	P		22 59 46.9	-0.2
HLID	Hailey	26.00 346	P	P		22 59 48.1	+1.0
TKL	Tuckaleehee C	26.13 45	P	P		22 59 48.9	+0.7
TKL	comp-Z, 7nm, 0.9s, baz=204, slow=14, SNR=5.2						
TKL	Tuckaleehee C	26.13 45	P	Iamb		22 59 48.3	+0.1
TKL	comp-Z, 12nm, 0.8s					22 59 56.5	
H17A	Grav Village	26.14 353	P	P		22 59 49.8	+1.3
WCI	Wyandotte Cave	26.19 37	P	Iamb		22 59 49.8	+0.2
WCI	comp-Z, 15nm, 0.9s					22 59 55.6	
WCI	Wyandotte Cave	26.19 37	P	P		22 59 50.3	+1.6
BG3	Lake Jocassee	26.34 47	P	P		22 59 50.9	+0.9
HDIL	Hopedale	26.34 30	P	P		22 59 50.2	+0.3
HDIL	Hopedale	26.34 30	P	P		22 59 51.3	+1.4
ECSD	EROS Data Cent	26.44 16	P	P		22 59 53.3	+2.5
RLMT	Red Lodge	26.73 355	P	P		22 59 54.9	+1.2
RLMT	comp-Z, 21nm, 0.8s					22 59 55.3	+1.1
TZTN	Tazewell	26.80 43	P	P		22 59 55.8	+1.1
PAUL	Pauline	27.02 48	P	LR		22 59 56.8	+0.6
YBH	Yreka Blue Hor	27.21 332	LR	LR		23 10 11.8	
L42A	Oliver, Polo	27.33 27	P	P		22 59 58.5	-0.3
NHSC	New Hope	27.47 53	P	P		23 00 01.5	+1.8
BOZ	Boxenman (W)	27.46 352	P	P		23 00 01.1	+0.9
BOZ	comp-Z, 136nm, 19.0s, baz=156, slow=35						
KMCS	Kings Mountain	27.53 48	P	P		23 00 02.5	+1.7
I37A	Lemond, Waseca	27.63 20	P	P		23 00 01.7	+0.2
LRM	Limekiln Ridge	27.80 353	P	P		23 00 02.9	+0.5
JFWS	Jewell Farm	27.85 25	P	P		23 00 04.9	+1.6
P49A	Miami Univ. Ec	27.98 37	P	P		23 00 05.0	+0.3
P49A	Miami Univ. Ec	27.98 37	P	P		23 00 05.6	+0.8
LAO	LASA Array	28.16 360	P	P		23 00 06.3	0.0
O48B	Farmland	28.23 35	P	P		23 00 06.7	-0.3
L44A	Lake County Fo	28.25 29	P	P		23 00 06.8	-0.4
HRH	Holter Research	28.38 352	P	P		23 00 10.6	+0.4
SPMN	Marine on St.	28.90 20	P	P		23 00 13.6	+0.7
MSO	Missoula	29.03 349	P	Iamb		23 00 14.4	+0.2
MSO	comp-Z, 13nm, 1.1s					23 00 18.0	
MSO	Missoula	29.03 349	P	P		23 00 15.8	+1.6
ACSO	Alum Creek Sta	29.44 38	P	P		23 00 19.9	+2.2
P52A	Corning	29.56 39	P	P		23 00 20.9	+2.1
EGMT	Eagleton	29.65 355	P	Iamb		23 00 19.7	+0.1
EGMT	comp-Z, 17nm, 1.4s					23 00 42.2	
EGMT	Eagleton	29.65 355	P	P		23 00 20.6	+1.0
MDND	Maddock	29.79 9	P	P		23 00 21.2	+0.4
AAM	Ann Arbor	30.47 34	P	P		23 00 27.8	+1.0
O53A	New Philadelph	30.50 39	P	P		23 00 27.9	+0.8
AGMN	Agassiz Nation	30.91 13	P	P		23 00 31.6	+1.0
COWI	Cowover	30.93 23	P	P		23 00 31.0	+0.1
NEW	Newport	31.07 346	LR	LR		23 12 32.0	
NEW	comp-Z, 200nm, 19.2s, baz=164, slow=35						
NEW	Newport	31.07 346	P	P		23 00 33.0	+0.9
EYMN	Ely	31.73 19	P	P		23 00 38.5	+0.6
OTAV	Otavalo	32.62 121	P	Iamb		23 00 46.2	-0.3
OTAV	comp-Z, 10nm, 1.3s					23 00 50.7	
PULU	Pululahua	32.70 121	P	P		23 00 46.8	-0.4
ULM	Lac du Bonnet	32.76 12	P	LR		23 00 47.4	+0.6
ULM	comp-Z, 3.2nm, 0.7s, baz=182, slow=9.6, SNR=4.8					23 14 29.5	
SSPA	Standing Stone	32.78 42	P	P		23 00 47.2	+0.1
PORT	Chimborazo Vol	33.36 124	P	Iamb		23 00 52.4	-0.8
PORT	comp-Z, 5.1nm, 0.8s					23 01 57.4	
RUSC	La Rusia	34.50 107	P	Iamb		23 01 02.5	-0.5
RUSC	comp-Z, 9.0nm, 1.1s					23 01 20.8	
BINY	Binghamton	34.83 41	P	P		23 01 06.2	+1.1
PAL	Palisades	35.54 44	P	P		23 01 10.9	-0.2
SDV	Santo Domingo	35.66 101	P	Iamb		23 01 12.4	-0.3
SDV	comp-Z, 14nm, 1.2s					23 01 37.4	
FFC	Flin Flon	36.34 4	P	Iamb		23 01 17.8	

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TUWZ Tuamarina, NNZ Nelson, TKNZ Takaka Hill, etc.

TIR 29 23:37:57.3, 43.91N, 18.35E, h12km, 1km, Md4.0, M13.8
PRU 29 23:37:58.6, 0.0, 43.88N, 18.60E, h1km
LDG 29 23:37:59.0, 1.4, 44.11N, 18.65E, h4km, M13.3/16, Error
ellip: s-maj=3.0km s-min=2.3km az=45.0
PDG 29 23:37:59.6, 0.5, 44.08N, 18.63E, h10km, MD3.7/8,
ML3.6/13, Error ellip: s-maj=0.4km s-min=0.5km az=0.0
IDC 29 23:37:59.5, 0.4, 44.07N, 18.57E, h0km, mb3.6/7,
mbtmp3.6/16, ML3.5/8, Error ellip: s-maj=1.2, 3km
s-min=1.1, 3km az=30.0
BEO 29 23:38:00.5, 0.2, 44.08N, 18.60E, h8km, 1km, ML3.6/18
RHSSO 29 23:38:00.2, 0.2, 44.06N, 18.60E, h4km, 1km, ML3.7/14
BGR 29 23:38:09.6, 3.1, 44.50N, 18.22E, h5km, ML3.7/7, Error
ellip: s-maj=47.8km s-min=11.1km az=146.0
ISC 29 23:37:59.9, 1.4, 40.07N, 0.01E, h5km, 7km,
n227.0, 1997/335, mb3.6/8, 41C-39D, Northwestern Balkan
Peninsula

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HAPS Han Pijesak, BI, BBLs Lazij#263i, DDB Dobo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MORH Mrgy, Hungar, MORH Mrgy, Hungar, ULcinj, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BOUS Bojanci, BOUS Bojanci, RABC Rab, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ABTA, ARCALIA, TAPS, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WATA Walderaim, PLOH Plostina, SQTA Sektar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KOKK Kokkinochori, DOPR Dopr, KRUC Moravsky, etc.

29d 23h

RTZ	Ruatahuna	20.38 162	LR	Pn	00 01 12.7 -0.2
RTZ	comp-Z,352nm,0.9s		I Amb	I Amb	00 01 18.3
BKZ	Black Stump Fm	20.75 163	P	Pn	00 01 16.4 -0.9
BKZ	comp-Z,454nm,1.1s		I Amb	I Amb	00 01 18.1
TV1H	Townsville Har	20.89 267	P	Pn	00 01 17.6 -1.5
TARA	Tarawa	21.00 11	P	P	00 01 17.2 +0.1
TARA	comp-Z,187nm,1.0s		I Amb	I Amb	00 01 34.7
TARA	Tarawa	21.00 11	P	Pn	00 01 19.6 -0.7
TARA	comp-Z,445nm,1.4s		P	P	00 01 19.6 +2.3
MGCD	Mangrove Creek	21.04 226	P	P	00 01 20.7 +3.3
MGCD	comp-Z,151nm,0.9s		P	P	00 01 22.4 +1.4
CTA	Charters Tower	21.36 264	P	P	00 05 15.9 +1.1
CTA	comp-Z,7.6nm,0.6s,baz=89,slow=11,SNR=62		S	S	00 08 53.5 -1.0
CTA	comp-Z,7.6nm,0.9s,baz=109,slow=9.9,SNR=1.6		ScP	ScP	00 09 13.6
CTA	comp-Z,13nm,0.9s,baz=332,slow=3.6,SNR=5.1		LR	LR	00 01 22.1 +1.1
CTA	comp-Z,960nm,18.4s,baz=84,slow=35		P	P	00 01 21.8 +0.8
CTA	Charters Tower	21.36 264	P	P	00 01 22.1 +1.1
CTA	comp-Z,170nm,0.9s		I Amb	I Amb	00 01 29.6
CTAO	Charters Tower	21.36 264	P	P	00 01 22.1 +1.1
CTAO	comp-Z,184nm,0.8s		pmax	pmax	00 01 22.1 +1.1
CTAO	Charters Tower	21.36 264	P	P	00 01 21.8 +0.8
CTAO	comp-Z,235nm,0.9s		pmax	pmax	00 01 22.9 +1.9
CTAO	Charters Tower	21.36 264	P	P	00 01 23.5 +2.5
CTAO	comp-Z,184nm,0.9s		pmax	pmax	00 01 26.4 +2.9
RIV	Riverview	21.38 224	P	P	00 01 29.8 +3.0
RIV	comp-Z,21,SNR=4.9		P	P	00 01 32.5 +2.1
RIV	Riverview	21.38 224	P	P	00 01 30.0 -0.9
RIV	comp-Z,452nm,1.3s		I Amb	I Amb	00 01 53.1
SYDH	Sydney Hard Rock	21.61 225	P	P	00 01 32.3 +1.4
SYDH	comp-Z,238nm,0.9s		P	P	00 01 37.6 +1.7
WOLH	Wollongong Har	21.92 223	P	P	00 01 41.8 +0.6
WOLH	comp-Z,652nm,0.8s		ScP	ScP	00 08 58.7 -0.9
AUDCS	Dubbo College	22.25 231	P	P	00 09 19.8
RABL	Rabaul	22.28 311	P	P	00 01 41.4 +0.2
RABL	comp-Z,232nm,0.8s		I Amb	I Amb	00 01 41.4 +0.2
RABL	Rabaul	22.28 311	P	P	00 01 42.1 +0.4
RABL	comp-Z,340nm,0.9s		P	P	00 01 42.6 +0.9
AUHHS	Uludaulu High	22.77 222	P	P	00 01 44.0 +1.3
PMG	Port Moresby	23.29 292	P	P	00 01 44.6 +1.5
PMG	comp-Z,121nm,0.9s,baz=106,slow=5.3,SNR=35		ScP	ScP	00 01 45.9 +1.0
PMG	comp-Z,6.6nm,0.4s,baz=84,slow=5.0,SNR=5.0		LR	LR	00 01 45.9 +1.6
PMG	comp-Z,929nm,19.2s,baz=127,slow=33		LR	LR	00 01 45.9 +1.0
PMG	Port Moresby	23.29 292	P	P	00 01 46.7 +0.8
PMG	comp-Z,121nm,0.9s		pmax	pmax	00 01 47.0 +1.1
PMG	Port Moresby	23.29 292	P	P	00 01 48.0 +0.6
PMG	comp-Z,141nm,1.0s		I Amb	I Amb	00 01 49.4
MTSU	Mount Surprise	23.34 269	P	P	00 01 50.1 +1.1
MTSU	comp-Z,23,SNR=172		P	P	00 01 49.5 +0.5
MTSU	Mount Surprise	23.34 269	P	P	00 01 52.2 +2.0
MTSU	comp-Z,239nm,0.9s		P	P	00 09 00.6 -1.2
CNB	Canberra Magne	23.45 224	P	P	00 01 55.8 +2.8
CNB	comp-Z,598nm,1.4s		P	P	00 01 55.5 +1.7
YNG	Young	23.51 227	P	P	00 01 55.6 +1.9
YNG	comp-Z,246nm,1.5s		P	P	00 01 56.9 +1.0
CAN	Canberra	23.70 224	P	P	00 02 00.1 +1.0
CAN	comp-Z,843nm,1.1s		P	P	00 01 59.5 +0.4
CAN	Canberra	23.70 224	P	P	00 02 03.4
CAN	comp-Z,361nm,0.8s		pmax	pmax	00 02 06.8 +0.9
QLP	Quilpie	23.81 248	P	P	00 02 08.3
QLP	comp-Z,24,SNR=67		I Amb	I Amb	00 02 17.3 +2.2
QLP	Quilpie	23.81 248	P	P	00 02 16.7 +1.1
QLP	comp-Z,2,um,1.1s		P	P	00 02 17.4 +1.8
OXZ	Oxford	23.99 174	P	P	00 02 19.0 +1.5
OXZ	comp-Z,211nm,0.7s		I Amb	I Amb	00 02 19.2 +1.7
CMSA	Cobar Meteorol	24.16 235	P	P	00 02 18.4 +0.9
CMSA	comp-Z,24,SNR=198		P	P	00 02 19.2 +1.7
CMSA	Cobar Meteorol	24.16 235	P	P	00 02 18.4 +0.9
CMSA	comp-Z,511nm,1.1s		P	P	00 02 19.2 +1.7
RPZ	Rata Pea	24.30 176	P	P	00 02 18.4 +0.9
RPZ	comp-Z,153nm,0.8s,baz=338,slow=9.7,SNR=7.1		ScP	ScP	00 02 20.6 +1.2
RPZ	comp-Z,12nm,0.8s,baz=6.5,slow=5.5,SNR=4.4		ScP	ScP	00 09 12.4 +0.9
JCZ	Jackson Bay	24.60 180	P	P	00 13 07.4
JCZ	comp-Z,153nm,0.8s		P	P	00 02 20.6 +1.2
MILA	Mila	24.67 220	P	P	00 02 20.2 +0.8
MILA	comp-Z,533nm,1.2s		P	P	00 02 20.1 +0.8
MILA	Mila	24.67 220	P	P	00 02 20.1 +0.8
MILA	comp-Z,319nm,1.2s		P	P	00 02 20.2 +0.8
LBZ	Lake Benmore	24.93 178	P	P	00 02 20.6 +1.2
COEN	Coen	25.25 278	P	P	00 02 20.6 +1.2
COEN	comp-Z,25,SNR=20		I Amb	I Amb	00 02 20.6 +1.2
COEN	Coen	25.25 278	P	P	00 02 20.6 +1.2
COEN	comp-Z,146nm,1.0s		I Amb	I Amb	00 02 20.6 +1.2
DCZ	Deep Cove	26.03 183	P	P	00 02 20.6 +1.2
DCZ	comp-Z,192nm,1.0s		I Amb	I Amb	00 02 20.6 +1.2
SYZ	Scrubby Hill	27.06 180	P	P	00 02 20.6 +1.2
SYZ	comp-Z,142nm,1.1s		P	P	00 02 20.6 +1.2
INKA	Innaminka	27.09 247	P	P	00 02 20.6 +1.2
INKA	comp-Z,292nm,1.2s		P	P	00 02 20.6 +1.2
CTZ	Chatham Island	27.12 157	P	P	00 02 20.6 +1.2
CTZ	comp-Z,136nm,0.9s		P	P	00 02 20.6 +1.2
TOO	Tooolangi	27.30 224	P	P	00 02 20.6 +1.2
TOO	comp-Z,27,SNR=25		P	P	00 02 20.6 +1.2
TOO	Tooolangi	27.30 224	P	P	00 02 20.6 +1.2
TOO	comp-Z,39nm,1.3s		P	P	00 02 20.6 +1.2
TOO	Tooolangi	27.30 224	P	P	00 02 20.6 +1.2
TOO	comp-Z,110nm,1.2s		pmax	pmax	00 02 20.6 +1.2
STKA	Stephens Creek	27.52 238	P	P	00 02 20.6 +1.2
STKA	comp-Z,107nm,0.6s,baz=71,slow=9.3,SNR=217		ScP	ScP	00 02 20.6 +1.2
STKA	Stephens Creek	27.52 238	P	P	00 02 20.6 +1.2
STKA	comp-Z,15nm,0.9s,baz=352,slow=2.3,SNR=6.7		LR	LR	00 02 20.6 +1.2
STKA	comp-Z,1,um,19.4s,baz=62,slow=36		P	P	00 02 20.6 +1.2
STKA	Stephens Creek	27.52 238	P	P	00 02 20.6 +1.2
STKA	comp-Z,107nm,0.6s		P	P	00 02 20.6 +1.2
STKA	Stephens Creek	27.52 238	P	P	00 02 20.6 +1.2
STKA	comp-Z,28,SNR=98		P	P	00 02 20.6 +1.2
STKA	Stephens Creek	27.52 238	P	P	00 02 20.6 +1.2
STKA	comp-Z,53nm,1.1s		P	P	00 02 20.6 +1.2
STKA	Stephens Creek	27.52 238	P	P	00 02 20.6 +1.2
STKA	comp-Z,28nm,0.7s		pmax	pmax	00 02 20.6 +1.2
QIS	Mount Isa	27.57 263	P	P	00 02 20.6 +1.2
QIS	comp-Z,28,SNR=25		P	P	00 02 20.6 +1.2
QIS	Mount Isa	27.57 263	P	P	00 02 20.6 +1.2
QIS	comp-Z,74nm,1.0s		P	P	00 02 20.6 +1.2
GLAD	Gladstone	27.97 215	P	P	00 02 20.6 +1.2
GLAD	comp-Z,169nm,1.0s		P	P	00 02 20.6 +1.2
PATS	Pohnpei	28.10 337	P	P	00 02 20.6 +1.2
PATS	comp-Z,231nm,1.1s		I Amb	I Amb	00 02 20.6 +1.2
BRAT	Ballarat	28.32 225	P	P	00 02 20.6 +1.2
BRAT	comp-Z,45nm,1.0s		P	P	00 02 20.6 +1.2
AULHS	Llylydale	28.58 216	P	P	00 02 20.6 +1.2
AULHS	comp-Z,86nm,1.4s		P	P	00 02 20.6 +1.2
CORO	Coronation Par	28.76 215	P	P	00 02 20.6 +1.2
CORO	comp-Z,76nm,1.1s		P	P	00 02 20.6 +1.2
ARPS	Mount Arapiles	29.36 228	P	P	00 02 20.6 +1.2
ARPS	comp-Z,29,SNR=9		P	P	00 02 20.6 +1.2
ARPS	Mount Arapiles	29.36 228	P	P	00 02 20.6 +1.2
ARPS	comp-Z,164nm,0.9s		P	P	00 02 20.6 +1.2
RAR	Rarotonga	29.38 99	LR	LR	00 02 20.6 +1.2
RAR	comp-Z,193nm,18.4s,baz=253,slow=36		LR	LR	00 02 20.6 +1.2
MOO	Moorlands	29.42 214	P	P	00 02 20.6 +1.2
MOO	comp-Z,30,SNR=8.2		P	P	00 02 20.6 +1.2
MOO	Moorlands	29.42 214	P	P	00 02 20.6 +1.2
MOO	comp-Z,188nm,1.2s		P	P	00 02 20.6 +1.2
TAU	Tasmania Unive	29.69 213	P	P	00 02 20.6 +1.2
TAU	comp-Z,178nm,1.4s		I Amb	I Amb	00 02 20.6 +1.2
TAU	Tasmania Unive	29.69 213	P	P	00 02 20.6 +1.2
TAU	comp-Z,36nm,1.6s		P	P	00 02 20.6 +1.2
TAU	Tasmania Unive	29.69 213	P	P	00 02 20.6 +1.2

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TAU	comp-Z,178nm,1.4s		pmax	pmax	
LCKR	Leigh Creek	29.86 242	P	P	00 02 41.0 +0.8
LCKR	comp-Z,156nm,1.4s		P	P	00 02 43.8 +0.8
HTT	Hallett	30.17 236	P	P	00 02 44.1 +1.1
HTT	comp-Z,145nm,1.4s		P	P	00 02 51.6 +3.0
PTPS	Port Pirie	30.81 237	P	P	00 02 52.0 +0.8
PTPS	comp-Z,193nm,0.5s		P	P	00 02 55.8 +0.9
WHYY	Whyalla	31.11 238	P	P	00 03 02.0 +0.7
WHYY	comp-Z,173nm,0.9s		P	P	00 03 00.8 -0.6
OOD	Oodnadatta	31.52 248	P	P	00 03 03.0
OOD	comp-Z,144nm,1.9s		I Amb	I Amb	00 03 02.3 +0.9
BBOO	Bucklebo	32.26 239	P	P	00 03 02.6 -1.2
BBOO	comp-Z,194nm,1.2s		I Amb	I Amb	00 09 25.9 +1.6
BBOO	Bucklebo	32.26 239	P	P	00 03 03.1 -0.9
BBOO	comp-Z,114nm,0.8s		P	P	00 03 02.4 -1.6
BBOO	Bucklebo	32.26 239	P	P	00 03 02.2 +1.2
BBOO	comp-Z,194nm,1.2s		P	P	00 03 03.1 -1.0
WBO	Warramunga Arr	32.52 263	P	P	00 03 19.6 +0.7
WBO	comp-Z,75nm,0.9s		I Amb	I Amb	00 05 50.1 +0.5
WBO	Warramunga Arr	32.52 263	P	P	00 09 26.9 -1.1
WBO	comp-Z,23nm,0.9s,baz=95,slow=8.8,SNR=6.3		ScP	ScP	00 13 15.4 -1.4
WBO	Warramunga Arr	32.52 263	P	P	00 16 12.2
WBO	comp-Z,885nm,18.1s,baz=96,slow=36		LR	LR	00 03 02.3 -1.8
WRAB	Tennant Creek	32.54 263	P	P	00 09 28.6 +0.6
WRAB	comp-Z,62nm,1.0s		ScP	ScP	00 03 06.9 +1.4
WRAB	Tennant Creek	32.54 263	P	P	00 03 06.2 -0.2
WRAB	comp-Z,201nm,0.7s,baz=84,slow=9.0,SNR=1206		ScS	ScS	00 05 50.1 -0.1
WRAB	Tennant Creek	32.54 263	P	P	00 08 17.1 -2.1
WRAB	comp-Z,8.1nm,0.8s,baz=103,slow=3.7,SNR=3.3		S	S	00 09 29.1 +0.3
WRAB	Tennant Creek	32.54 263	P	P	00 13 15.7 -1.2
WRAB	comp-Z,3.3nm,0.9s,baz=84,slow=19,SNR=4.0		ScP	ScP	00 13 27.8 -1.3
WRAB	Tennant Creek	32.54 263			

JOW	comp=Z,205nm,21.2s	60.56 318	P	P	00 06 43.1 +0.3
JOW	Kunigami	60.56 318	I	I	00 06 46.6
JOW	comp=Z,98nm,1.1s	60.56 318	P	P	00 06 44.3 +1.5
CCD	Kunigami	60.68 192	P	P	00 06 42.2 -1.2
CCD	Concordia, Ant	60.68 192	pP	pP	00 06 59.6 0.0
CCD			sP	sP	00 07 07.0 +0.4
KSM	Kuching	61.13 283	P	P	00 06 46.7 -0.3
KSM	Kuching	61.13 283	P	P	00 06 47.5 +0.5
USG	Sagara	61.22 331	P	P	00 06 47.2 +0.2
XMI	Christmas Isla	61.48 268	P	P	00 06 50.6 +1.2
INU	Inuyama	62.31 331	I	I	00 06 54.0 -0.3
INU			I	I	00 07 13.7
INU	comp=Z,52nm,1.1s	62.31 331	P	P	00 06 54.9 +0.5
INU	Inuyama	62.31 331	P	P	00 06 54.7 +0.3
JGF	Kuroka	62.36 314	P	P	00 06 54.0 -0.8
JGF			I	I	00 07 14.6
JGF	comp=Z,38nm,0.9s	62.36 331	P	P	00 06 54.6 -0.2
SBJI	Serang	62.36 273	P	P	00 06 56.3 +1.1
JMN	Monobe	62.52 327	P	P	00 06 55.8 -0.1
JMN	Monobe	62.77 332	P	P	00 06 56.8 +0.9
CGJI	Cibinong	62.62 273	P	P	00 06 56.4 -0.5
JSU	Suzuyama	62.65 323	P	P	00 06 56.8 0.0
JSU	Suzuyama	62.65 323	P	P	00 06 57.5 +0.7
MJAR	Matsuyoshi Arr	62.77 332	P	P	00 06 56.9 -0.6
MJAR	comp=Z,27nm,0.9s	62.77 332	pP	pP	00 07 13.0 -1.2
MJAR	comp=Z,30nm,0.8s	62.77 332	LR	LR	00 30 06.0
MJAR	comp=Z,105nm,21.4s	62.77 332	LR	LR	00 30 06.0
MAJO	Matsushiro	62.77 332	P	P	00 06 56.4 -1.1
MAJO			I	I	00 07 16.2
MAJO	comp=Z,51nm,0.8s	62.77 332	P	P	00 06 56.9 -0.6
MAJO	Matsushiro	62.77 332d	pP	pP	00 06 56.8 -0.7
MAJO			pmax	pmax	
MAJO	comp=Z,60nm,1.1s	62.77 332	pP	pP	00 06 56.7 -0.8
MAJO	Matsushiro	62.77 332	pP	pP	00 07 13.3 -0.7
MJB9	Matsu-Tunnel	62.77 332	I	I	00 06 56.3 -1.2
MJB9			I	I	00 07 16.2
JMM	Marumori	62.82 335	P	P	00 06 57.5 -0.2
JMM			I	I	00 06 59.3
JMM	Marumori	62.82 335	P	P	00 06 58.3 +0.6
YULB	Yu-ii	63.00 310	I	I	00 06 58.3 -1.0
YULB			I	I	00 07 27.2
YULB	Yu-ii	63.00 310	P	P	00 07 02.0 +2.7
NACB	Ninganchiao	63.28 311	P	P	00 07 00.5 -0.6
NACB			I	I	00 07 04.6
NACB	comp=Z,74nm,0.9s	63.28 311	P	P	00 07 01.3 +0.2
TPUB	Ninganchiao	63.43 310	P	P	00 07 00.8 -1.3
TPUB	Ta-pu	63.43 310	P	P	00 07 01.8 -0.3
SSLB	Suanglung	63.49 310	P	P	00 07 01.3 -1.3
SSLB			I	I	00 07 05.5
SSLB	comp=Z,78nm,0.9s	63.49 310	P	P	00 07 02.1 -0.5
JNU	Nakatsue	63.64 325	LR	LR	00 31 11.2
JNU	Nakatsue	63.64 325	LR	LR	00 31 11.2
JNU	comp=Z,187nm,21.9s	63.64 325	I	I	00 07 02.4 -0.9
JNU			I	I	00 07 06.0
JNU	comp=Z,65nm,0.9s	63.64 325	P	P	00 07 03.7 +0.4
JNU	Nakatsue	63.64 325	P	P	00 07 03.6 -0.6
YHNB	Yeheng	63.74 312	P	P	00 07 04.8 +0.6
YHNB	Yeheng	63.74 312	P	P	00 07 03.9 -0.9
TATO	Taipei	63.86 312	P	P	00 07 06.0 +1.2
TATO	Taipei	63.86 312	P	P	00 07 05.1 0.0
JHS	Saijiyo	63.91 328	P	P	00 07 29.1
JHS			I	I	00 07 29.1
JHS	comp=Z,142nm,1.6s	63.91 328	P	P	00 07 05.4 +0.3
JSD	Sado	64.00 333	P	P	00 07 05.4 -0.1
JSD	Sado	64.00 333	P	P	00 07 06.2 +0.7
KASI	Kota Agung	64.09 273	P	P	00 07 05.9 -0.8
LWLI	Llwa	64.67 274	P	P	00 07 12.4 +1.8
LWLI	comp=Z,111nm,comp=Z,242nm,0.9s	64.67 274	P	P	00 07 12.4 +1.8
PMBI	Palembang	64.69 276	P	P	00 07 11.1 +0.5
JTM	Temnabayashi	65.25 337	P	P	00 07 13.2 -0.4
JTM	Temnabayashi	65.25 337	P	P	00 07 13.9 +0.3
ERM	Erimo	65.60 339	I	I	00 07 15.6 -0.2
ERM			I	I	00 07 46.9
ERM	comp=Z,69nm,1.4s	65.60 339	P	P	00 07 15.6 -0.2
ERM			pmax	pmax	
MNAI	Manna	65.92 274	P	P	00 07 18.1 -0.5
MNAI	Manna	65.92 274	P	P	00 07 19.9 +1.3
KSI	Kapahiang	66.49 275	P	P	00 07 21.9 -0.4
MASI	Maura Aman, Be	67.00 275	P	P	00 07 26.0 +0.5
BTDF	Bukit Timah Da	67.14 280	P	P	00 07 27.6 +1.3
MYOM	Kota Tinggi	67.22 281	P	P	00 07 26.2 -0.6
JKA	Kamikawa-asahi	67.66 340	LR	LR	00 07 29.5 +0.7
ASAJ	Asahikawa	67.66 340	LR	LR	00 31 59.8
ASAJ	comp=Z,892nm,21.9s	67.66 340	P	P	00 07 29.6 +0.7
ASAJ	Asahikawa	67.66 340	LR	LR	00 31 59.8
TJN	Taejon	67.98 325	P	P	00 07 31.4 +0.3
TJN	Taejon	67.98 325	P	P	00 07 32.3 +1.2
TJN	Taejon	67.98 325	P	P	00 07 31.4 +0.3
TJN			pmax	pmax	
KSR5	Korea Arry	68.48 326	P	P	00 07 34.5 +0.2
KSR5	comp=Z,5.0nm,0.8s	68.48 326	P	P	00 07 34.5 +0.2
KSR5	comp=Z,5.0nm,0.8s	68.48 326	P	P	00 07 34.5 +0.2
KSAR	Wonju Array Be	68.49 326	P	P	00 07 34.3 0.0
KSAR	Wonju Array Be	68.49 326	P	P	00 07 34.3 0.0
SDSI	Sungai Dareh	68.51 277	P	P	00 07 33.8 -1.2
KS19	Wonju Array Si	68.55 326	P	P	00 07 35.3 +0.7
INCN	Inchon	69.19 325	I	I	00 07 38.8 +0.1
INCN			I	I	00 07 42.8
INCN	comp=Z,103nm,1.3s	69.19 325	P	P	00 07 39.7 +1.0
INCN	Inchon	69.19 325	P	P	00 07 38.8 +0.1
INCN			pmax	pmax	
PPSI	Pulau Pagai	69.22 275	P	P	00 07 40.2 +0.8
BKNI	Bangkitang	69.31 278	P	P	00 07 40.0 +0.1
BKNI	Bangkitang	69.31 278	P	P	00 07 41.8 +1.8
BKNI	Bangkitang	69.31 278	P	P	00 07 41.7 +1.8
QIZ	Qiongzong	69.41 300	P	P	00 07 39.5 -0.9
QIZ			S	S	00 16 45.0 +1.9
QIZ			SS	SS	00 17 12.8 +1.8
QIZ			SS	SS	00 21 09.3 -2.4
QIZ	comp=Z,24nm,1.9s	69.41 300	LR	LR	
QIZ	comp=Z,130nm,14.3s	69.41 300	LR	LR	
QIZ	comp=Z,170nm,9.6s	69.41 300	LR	LR	
QIZ	comp=Z,210nm,27.1s	69.41 300	LR	LR	
PDSI	Padang	69.42 277	P	P	00 07 40.2 -0.5
YSS	Yuzh-Sakhalins	70.14 341	P	P	00 07 44.8 +0.5
YSS			I	I	00 07 46.6
YSS	comp=Z,98nm,1.0s	70.14 341	P	P	00 07 45.9 +1.6
YSS	Yuzh-Sakhalins	70.14 341	eP	eP	00 07 45.1 +0.8
YSS			ePP	ePP	00 08 02.1 +0.8
YSS			eSP	eSP	00 08 10.3 +2.1
YSS			e	e	00 16 8.1
YSS			eS	eS	00 16 48.6 -1.9
YSS	comp=Z,400nm,4.6s	70.14 341	pmax	pmax	
YSS	comp=Z,90nm,1.1s	70.14 341	pmax	pmax	

YSS	comp=N,200nm,6.1s		smax	smax	
YSS			smax	smax	
QSPA	comp=E,200nm,8.7s	70.65 180	P	P	00 07 48.2 +0.8
QSPA	comp=E,130nm,0.8s	70.65 180	LR	LR	00 37 31.2
QSPA	comp=E,412nm,18.0s	70.65 180	P	P	00 07 47.9 +0.5
QSPA	South Pole Qui	70.65 180	P	P	00 07 46.3 -1.1
QSPA	South Pole Qui	70.65 180	P	P	00 07 48.3 -1.0
IPM	Iloh	70.84 282	P	P	00 07 49.7 +0.4
IPM	Iloh	70.84 282	P	P	00 07 50.2 +1.0
VLA	Vladivostok	70.93 332	pP	pP	
VLA			pmax	pmax	
KULM	Kulim	71.49 283	P	P	00 07 52.9 -0.3
USA0B	Ussuriysk Arra	71.75 333	I	I	00 07 54.7 +0.5
USA0B			I	I	00 07 56.0
USA0B	comp=Z,80nm,1.1s	71.75 333	P	P	00 07 54.6 +0.5
USA0B	Ussuriysk Arra	71.75 333	dP	dP	00 07 54.7 +0.6
USRK	Ussuriysk Arr	71.75 333	P	P	00 07 56.8 -0.7
USRK	comp=Z,42nm,0.9s	71.75 333	LR	LR	00 36 07.0
USRK	comp=Z,16nm,0.8s	71.75 333	LR	LR	00 36 07.0
USRK	comp=Z,153nm,20.9s	71.75 333	LR	LR	00 36 07.0
PBSI	Pulau Tatu	71.76 277	P	P	00 07 57.1 +2.2
SHEM	Shemlya Is, Ala	71.97 3 LR	LR	LR	00 34 34.0
RPSI	Prapat	72.13 279	P	P	00 07 56.2 -0.9
RPSI	Prapat	72.17 280	P	P	00 07 56.8 -0.7
PSI	Prapat	72.17 280	P	P	00 07 56.2 -1.3
PSI			pmax	pmax	
WHN	Wuhan	72.25 312	P	P	00 07 57.3 -0.1
WHN			pP	pP	00 08 14.0 -0.5
WHN			S	S	00 08 22.0 +0.6
WHN			S	S	00 17 12.5 -3.0
WHN	comp=Z,81nm,1.0s	72.25 312	pmax	pmax	
WHN	comp=Z,680nm,4.7s	72.25 312	LR	LR	
PET	Petropavlovsk	72.67 354	P	P	00 07 59.3 -0.1
PET			I	I	00 08 00.6
PET	comp=Z,67nm,1.3s	72.67 354	P	P	00 07 59.8 +0.4
PET	Petropavlovsk	72.67 354	eP	eP	00 07 57.6 -1.8
PET			ePP	ePP	00 08 16.3 -0.1
PET			S	S	00 17 17.9 -1.5
PET	comp=Z,54nm,1.2s	72.67 354	pmax	pmax	
PET	comp=Z,100nm,9.7s	72.67 354	pmax	pmax	
PEA0B	Petropavlovsk	72.86 353	P	P	00 08 00.8 +0.3
PEA0B			I	I	00 08 02.1
PEA0B	comp=Z,73nm,1.0s	72.86 353	pmax	pmax	
PEA0B	Petropavlovsk	72.86 353	P	P	00 08 00.8 +0.3
PEA0B	comp=Z,73nm,1.0s	72.86 353	P	P	00 08 00.3 -0.2
PETK	Petropavlovsk	72.86 353	LR	LR	00 34 47.7
PETK	comp=Z,440nm,21.1s	72.86 353	LR	LR	00 34 47.7
PETK	comp=Z,38nm,0.9s	72.86 353	LR	LR	00 34 47.7
PETK	comp=Z,38nm,0.9s	72.86 353	P	P	00 08 00.5 -0.1
PETK	Petropavlovsk	72.86 353	P	P	00 08 00.5 -0.1
GSJ	Gunungsitoli	72.89 278	I	I	00 08 01.5 -0.1
GSJ			I	I	00 08 03.3
GSJ	comp=Z,58nm,0.9s	72.89 278	P	P	00 08 02.1 +0.4
DL1	Dalian	72.98 323	P	P	00 08 02.3 +0.8
DL2			pP	pP	00 08 20.0 +1.3
DL2			S	S	00 17 24.5 +1.0
DL2			pmax	pmax	
DL2	comp=Z,67nm,1.0s	72.98 323	LR	LR	
DL2	comp=Z,240nm,18.4s	72.98 323	LR	LR	
DL2	comp=Z,290nm,18.8s	72.98 323	LR	LR	
MDJ	Mudanjiang	73.13 332	P	P	00 08 03.0 +0.7
MDJ			pP	pP	00 08 19.3 -0.2
MDJ			sP	sP	00 08 25.5 -1.0
MDJ			S	S	00 17 31.5 +2.7
MDJ			S	S	00 17 57.3 +3.2
MDJ	comp=Z,100nm,1.0s	73.13 332	pmax	pmax	
MDJ	comp=Z,310nm,4.8s	73.13 332	LR	LR	
MDJ	comp=Z,330nm,23.2s	73.13 332	LR	LR	
MDJ	comp=Z,270nm,24.9s	73.13 332	LR	LR	
MDJ	comp=Z,490nm,23.4s	73.13 332	I	I	00 08 02.9 +0.5
MDJ	Mudanjiang	73.13 332	I	I	00 08 04.1
KCSI	Kota Kane, Aceh	73.50 280	P	P	00 08 06.2 +1.0
KCSI	comp=Z,87nm,1.0s	73.50 280	P	P	00 08 06.2 +1.0
KCSI	comp=Z,15nm,0.9s	73.50 280	P	P	00 08 06.2 +1.0
TYV	Tymovskoe	73.69 343	eP	eP	00 08 06.3 +0.9
TYV			S	S	00 17 32.6 +1.6
TYV	comp=Z,32nm,0.9s	73.69 343	pmax	pmax	
TYV	comp=Z,100nm,2.7s	73.69 343	smax	smax	

29d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHGN Chignik, BTO Baotou, PAF Port-aux-Franc, etc.

2017 MAR

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

1738

Table with columns for station name, frequency, power, and other technical details. Includes stations like PFO Pinyon Flats, PFO Pinyon Flats, PFO Pinyon Flats, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like WN1A, HDA, HDA, YUK8, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like EGAK, P33M, G25K, ELK, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like INK, INK, H17A, BW06, etc.

Table with columns: Name, SNR, Time, P, PKPdf, and numerical values. Includes entries like NEEM North Greenlan, ASUD Al Ashush, WHFO Wadi Hawf, etc.

Table with columns: Name, SNR, Time, P, PKPdf, and numerical values. Includes entries like MNK comp=Z,18nm,1.0s, PRPB Paruauepbes, SMTB Santa Maria do, etc.

Table with columns: Name, SNR, Time, P, PKPdf, and numerical values. Includes entries like CLL CLL, CLL comp=Z,58nm,2.7s, CLL comp=Z,21nm,1.3s, etc.

30d 1h

097 MAR

1742

mb4.4/7, mB5.3/2, MLv4.7/10, Mw(mB)4.8/2, NEIC 30.00:17.31.2.0.8, 0.64S, 0.09:135.73E:0.10, h45km, 7km, mb4.4/24, Error ellipse: s-maj=14.1km s-min=13.3km az=99.0

ISC 30.00:17.28.6.0.5, 0.63S, 0.06:135.84E:0.06, h29km, n66, 0.076/63, mb4.4/22, Irian Jaya region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

ISC 30.00:20.34.6.3.8, 1.91S, 78.04W, h142km, 35km, mb3.3/7, mbmp3.9/10, MS4.2/3, Error ellipse: s-maj=30.9km s-min=15.9km az=63.0

NEIC 30.00:20.38.4.2.9, 1.76S, 0.07:77.03W:0.09, h168km, 5km, mb4.3/13, Error ellipse: s-maj=13.3km s-min=9.5km az=101.0

VAO 30.00:20.40.0.0.3, 1.73S, 77.71W, h150km, mb4.0

ISC 30.00:20.37.0.0.5, 1.78S, 0.06:77.94W:0.06, h150km, n98, 0.170/96, mb3.8/12, Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

Main table of seismic stations and their recorded data for the event. Columns include Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, and various station-specific parameters.

GUC 30.00:24.44.8.0.1, 21.36S, 69.01W, h102km, 4km, ML3.3, 10C-1D, Northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

WEL 30.00:25.18.5.0.7, 42.5S, 47.17E, h10km, 4km, M1.9/3, ML2.3/6, MLV1.9/3, Error ellipse: s-maj=0.0km s-min=0.0km az=131.7, confirmed, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

WEL 30.01:14.12.3.0.9, 39.5S, 177.7E, h22km, 9km, M1.6/4, ML2.0/7, MLV1.6/4, Error ellipse: s-maj=0.0km s-min=0.0km az=152.8, confirmed, Off east coast of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

WEL 30.01:14.29.5.39.5, 2.17E, h7km, 2km, M1.1/9, ML1.4/9, MLV1.1/9, Error ellipse: s-maj=0.0km s-min=0.0km az=92.0, confirmed, North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

ISC 30.01:27.43.4.1.3, 5.45S, 151.98E, h0km, mb3.9/7, mbmp3.9/8, ML1.6/1, MS3.5/7, Error ellipse: s-maj=55.1km s-min=21.1km az=125.0

ISC 30.01:27.49.9.1.2, 5.55S, 0.2:151.9E:0.3, h45km, n13, 0.082/9, mb3.8/7, MS3.5/5, 0.2:151.9E:0.3, New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

30d 2h

Table of meteorological data for station 30d 2h, including station name, coordinates, and various atmospheric parameters like pressure, temperature, and wind.

2017 MAR

Table of meteorological data for station 2017 MAR, including station name, coordinates, and various atmospheric parameters.

1744

Table of meteorological data for station 1744, including station name, coordinates, and various atmospheric parameters.

WEL 30 02:58:45.9, 0.4, 2.2, 17.3E, h5km, M3.0/13, ML3.1/13, MLV3.0/13, Error ellipse: s-maj=0.0km s-min=0.0km az=94.5, confirmed NOU 30 02:58:46.1, 41.63S, 172.61E, h4km, MLV3.8/8, South Island, New Zealand

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ORZ, BSWZ, TUWZ, KHZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CUM, CIHU, CDAR, R15V, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RPSI, BBOO, GSI, ANM, etc.

KRSC 30 03:21:7.1, 4.56, 95N-163.35E, h22km, 18km, M14.0,

Near east coast of Kamchatka Peninsula

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

30 03:41:27.0, 1.4, 18.8N, 0.110700W, 0.08, h36km, n34,

Off coast of Jalisco

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

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

IDC 30 04:00:08.0, 1.5, 15.80N, 145.87E, h108km, 14km,

mb3.9/21, mbtmp4.2/22, MS3.1/30, Error ellipse:

s-maj=17.3km s-min=11.3km az=105.0

NEIC 30 04:00:08.4, 1.1, 15.78N, 10.145, 9E:0.1, h106km, 5km,

mb4.6/86, Error ellipse: s-maj=18.7km s-min=12.7km

IDC 30 04:00:08.0, 0.4, 15.78N, 0.06, 145.91E, 0.10, h109km,

n127, -0.075/122, mb4.5/64, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO, HATS, H1S1, etc.

30 03:27:47.4, 32.41N, 47.68E, h10km, 63km, ML2.6,

ISN 30 03:27:47.5, 2.2, 32.48N, 47.68E, h17km, 15km, ML2.5

ISN 30 03:27:47.7, 1.0, 32.39N, 10.05, 47.79E, 0.06, h15km, n9,

+0.86/12, Iran-Iraq border region

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

TEH 30 03:27:47.4, 32.41N, 47.68E, h10km, 63km, ML2.6,

ISN 30 03:27:47.5, 2.2, 32.48N, 47.68E, h17km, 15km, ML2.5

ISN 30 03:27:47.7, 1.0, 32.39N, 10.05, 47.79E, 0.06, h15km, n9,

+0.86/12, Iran-Iraq border region

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

IDC 30 03:41:15.7, 6.0, 18.09N, 106.87W, h0km, mb3.4/5,

mbtmp3.6/8, ML3.6/3, MS3.4/14, Error ellipse:

SOMN Songino Array 45.56 323 P P

STKA Stephens Creek 47.56 185 P P

04 08 15.8 -1.2

04 08 32.8 +0.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like M31M, FARO, INK, P33M, DLBC, C36M, ABKAR, NLWA, GEYT, YKA, NVAR, ELK, HRY, DUG, HWUT, FFF, FINES, PDAR, Vnda, PLCA, DBIC, LPAZ.

IDC 30 04:05:24.8-1.6, 25°53'N, 109°31'W, h0km, mb3.8/2, mbmp3.6/6, ML3.1/5, MS3.7/24, Error ellipse: s-maj=30.6km s-min=15.3km az=125.0

MEX 30 04:05:29.0-5.5, 25°71'N, 110°04'W, h8km, 11km, MD4.3 IDC 30 04:05:27.1-1.6, 25°67'N, 104°11'02'W, 0.04, h12km, 11km, n43, c2601/32, MS3.6/19, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TSIG, LPIG, LPIG, LPIG, CSIG, CGIG, SLBS, GUYB, SRIG, SSG, SSG, MAIG, MAIG, HPIG, PDIG, PDIG, BAHH, NZIG, CGIG, TXAR, TXAR, ANMO, ANMO, ANMO, NVAR, NVAR, ELK, ELK, ELK, PDAR, PDAR, YBH, YBH, TKL, ULM, JTS, BBB, SADO, DLBC, YKA, SJO, INK, INK, ILAR, ILAR, FRB, REP, REP, SIV, H03N2, H03N1, H03N3.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YAK, DZM, BELG.

HEL 30 04:06:16.3-0.1, 67°66'N, 33°69'E, h0km, ML1.4, Explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LVZ, VRF, VRF, OLKF, OLKF, KU6, KU6, MSF, MSF, RNF, RNF, KEV, KEV, ARAO, ARAO, RMF, RMF, HEF, HEF, TOF, TOF, KTK1, KTK1, PAJU, PAJU, LANU, LANU, KALU, KALU, ERTU, ERTU.

KOLA 30 04:06:52.7, 67°54'N, 33°90'E, h0km, ML1.6, Error ellipse: s-maj=0.2km s-min=2.1km az=160.0, Murmansk region, BER 30 04:06:48.8-1.1, 67°41'N, 34°64'E, h0km, ML2.0, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LVZ, APA, VADS, VADS, KEV, ARAO, ARAO, ARAO, ARCES, ARCES, HEF, KTK1, KTK1, HMF, HMF, KIF, KIF.

INET 30 04:08:46.2-0.9, 12°84'N, 87°81'W, h124km, 5km, MW3.1 SNET 30 04:08:47.6-1.7, 12°88'N, 87°76'W, h118km, 10km, ML3.2

ISC 30 04:08:47.4-1.8, 12.83N, 01x87.74W, 0.06, h121km, 12km, n25, c067/40, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CNCH, CNCH, CNCH, LCND, LCND, LCND, CRIN, CRIN, PACA, PACA, TELN, TELN, FAGO, FAGO, ALJI, ALJI, TECA, TECA, COEB, COEB, COEB, COEB, CNNG, CNNG, POSS, POSS, TECO, TECO, SCLA, SCLA, SCLA, SCLA, COPN, COPN, SJTE, SJTE, SJTE, SJTE, LFRS, LFRS, PSNO, PSNO, HJEN, HJEN, RUON, RUON, MATN, MATN, JAYA, JAYA, JAYA, JAYA, EOBAB, EOBAB, NUBE, NUBE.

IDC 30 04:28:11.2-2.7, 10°02'S x 119°29'E, h0km, mb3.6/2, mbmp3.6/4, ML3.6/2, MS2.9/1, Error ellipse: s-maj=161.8km s-min=282.9km az=52.0

DJA 30 04:28:16.4-2.2, 10°S, 8'11'9E, h13km, 21km, M4.4/9, mb4.5/5, MLV4.4/9

ISC 30 04:28:11.8-1.1, 10°6'S, 01x119.04E, 0.08, h10km, n13, c306/11, Sumatra region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PLAI, MMH, IGBI, IGBI, IGBI, IGBI, BSSI, SOEI, SOEI, JAGI, JAGI, BKSJ, KAPI, KAPI, GMJ, WRA, WRA, WRA.

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

IDC 30 04:40:58.7-2.6, 18°68'N, 145°46'E, h233km, 26km, mb3.5/14, mbmp4.1/16, Error ellipse: s-maj=17.3km

NEIC 30 04:41:02.3-1.1, 18°7N, 02x145°3E, 0.2, h263km, 10km, mb4.1/40, Error ellipse: s-maj=27.9km s-min=21.7km az=121.0

ISC 30 04:40:59.6-0.6, 18°46'N, 07x145°3E, 0.2, h250km, n62, c125/63, mb4.1/34, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO, GUMO, MJAR, MJAR, KLR, KLR, WB0, WB2, WB2, WRA, WRA, WRA, SONM, SONM.

ASAR Alice Springs 43.33 195 P P 04 48 40.1 +2.7

MKAR Makatchi Array 58.38 314 P P 04 50 30.2 +1.2

KDAX Kodiak Island 59.75 33 P P 04 50 37.3 -0.8

KURBB Kurchatov Arr 61.26 318 P P 04 50 48.5 0.0

CAST Castle Rocks 61.47 27 P P 04 50 49.8 +0.1

BPWW Bear Paw Mtn. 62.13 26 P P 04 50 54.3 +0.3

MDM Murphy Dome 63.50 26 P P 04 51 03.4 +0.3

HDA Harding Lake 63.91 27 P P 04 51 04.3 -1.4

TOLK Toolik Lake Re 63.95 22 P P 04 51 06.4 +0.5

ILAR Eielson Array 64.02 26 P P 04 51 04.8 -1.6

ILAR Eielson Array 64.02 26 P P 04 51 05.0 -1.4

PAX Paxon 64.28 28 P P 04 51 07.7 -0.5

RIDG Independent RI 64.69 28 P P 04 51 10.4 -0.4

VRDI Verde Repeater 64.96 30 P P 04 51 12.7 -0.2

DOT Dot Lake 65.02 28 P P 04 51 13.1

SCRK Sand Creek 65.11 27 P P 04 51 13.2 -0.4

SCRK Edge Creek, AK 65.84 29 P P 04 51 18.1 -0.2

L27K Beaver Creek, 65.94 28 P P 04 51 18.8 0.0

K27K Chicken 65.95 27 P P 04 51 18.9 +0.1

BCAR Beaver Creek A 65.96 28 P P 04 51 18.8 -0.2

BVAR Borovoye Array 66.44 320 P P 04 51 21.9 -0.2

EGAK Eagle 66.44 27 P P 04 51 22.1 +0.2

EGAK 66.44 27 P P 04 51 22.1

BRVK Borovoye 66.50 321 P P 04 51 23.9 +1.4

DAWY Dawson 67.13 27 P P 04 51 25.9 -0.4

HYT Haines Junction 67.81 31 P P 04 51 31.6 +0.8

HYT 67.81 31 P P 04 51 32.6

M30M Minto, Yukon 68.21 29 P P 04 51 33.6 +0.5

M30M 68.21 29 P P 04 51 43.7

EPYK Eagle Plains 68.42 25 P P 04 51 34.4 +0.1

EPYK 68.42 25 P P 04 51 35.2

SKAG Skagway 68.89 33 P P 04 51 37.7 +0.5

M31M Drury Creek, Y 69.32 30 P P 04 51 39.7 -0.2

INK Inuvik 69.73 23 P P 04 51 41.7 -0.5

INK Inuvik 69.73 23 P P 04 51 41.6 -0.5

FARO Faro, Yukon 70.14 32 P P 04 51 45.2 +0.2

P33M Teslin, Yukon 70.14 32 P P 04 52 00.4

P33M 70.14 32 P P 04 52 00.4

C36M Paulatuk 73.10 22 P P 04 52 01.7 -0.6

C36M 73.10 22 P P 04 52 02.5

ABKAR Akbulak array 73.28 317 P P 04 52 02.8 -0.9

ABKAR Akbulak array 73.28 317 P P 04 52 03.1 -0.6

YUNU Eureka 78.01 8 P P 04 52 30.0 0.0

EUKA Yellowknife Arr 78.36 28 P P 04 52 31.8 -0.4

BUCK Buck Mountain 78.55 47 P P 04 52 33.8 +0.1

HUMO Hull Mountain 78.97 49 P P 04 52 36.9 +1.0

RESO Resolute Bay 79.74 14 P P 04 52 39.5 +0.1

J05D Fort Rock, OR 80.01 48 P P 04 52 43.2 +0.6

PINE Pine Mountain 80.08 47 P P 04 52 42.5 +0.4

MOD Modoc Plateau 81.06 49 P P 04 52 46.7 -0.6

CMB Columbia Colic 82.12 53 P P 04 52 53.7 +0.9

CMB 82.12 53 P P 04 52 53.9

LHV Little Hulton 83.47 52 P P 04 52 60.0 +0.5

KVN Kaiserville 83.52 51 P P 04 53 00.1 +0.1

KVN 83.52 51 P P 04 53 01.2

NVAR Mina Array Bea 83.56 52 P P 04 53 01.0 +0.6

NVAR Mina Array Sit 83.67 52 P P 04 52 59.9 -0.9

NV11 83.67 52 P P 04 53 01.5

HRY Holter Researc 85.23 42 P P 04 53 09.1 +0.7

FINES FINESS Array B 86.96 335 P P 04 53 14.5 -1.8

PDAR Pinedale Array 88.24 45 P P 04 53 21.7 -1.4

PDAR 88.24 45 P P 04 53 21.7

LPAZ La Paz 148.02 91 PKPbc PKPbc 05 00 18.3 +1.1

LPAZ 148.02 91 PKPbc PKPbc 05 00 18.3

KRSC 30 04:46:47.5-1.3, 36°99'N, 163°28'E, h12km, 17km, M1.4, NEIC 30 04:46:50.9, 2.1, 57°3N, 01x162°4E, 0.2, h10km, 2km, mb4.2/11, Error ellipse: s-maj=27.7km s-min=16.8km az=142.0

MOS 30 04:46:51.0, 0.9, 56.99N:163.05E, h36km, mb4.4/1, Error ellipse: s-maj=14.6km s-min=5.5km az=65.4
 IDC 30 04:46:56.0, 3.5, 56.98N:162.66E, h59km, mb3.6/14, mbmp3.9/16, ML4.4/1, MS3.3/1, Error ellipse: s-maj=21.7km s-min=15.1km az=152.0
 ISC 30 04:46:50.0, 2.0, 56.99N:163.05E, h12km, mb3km, n86, r192/110, mb4.0/20, Near east coast of Kamchatka

TXAR Lajitas Array 67.62 71 P P 04 57 48.4 +1.9
 comp=Z,0.5nm,0.5s,baz=28,slow=6.6,SNR=2.1
 comp=Z,0.5nm,0.5s
 WRA Warramunga Arr 80.34 207 P P 04 58 59.9 -0.9
 comp=Z,1.9nm,0.7s,baz=285,slow=4.9,SNR=5.7
 comp=Z,1.9nm,0.7s
 ESDC Sonseca Array 83.08 350 S P 04 59 15.4 +0.1
 comp=Z,0.6nm,0.8s,baz=352,slow=7.5,SNR=4.7
 comp=Z,0.6nm,0.8s
 ASAR Alice Springs 84.02 207 P P 04 59 19.4 -0.6
 comp=Z,0.5nm,0.6s,baz=116,slow=5.0,SNR=6.4
 comp=Z,0.5nm,0.6s

MAN 30 04:58:24.1, 16.41N:121.97E, h8km, mb3.9, ML2.7, MS2.3, Luzon

JSN 30 05:04:19.8, 1.6, 18.04N:76.54W, h15km, 9km, MD2.9
 SSNC 30 05:04:21.0, 1.6, 18.15N:76.65W, h5km, 19km, MD2.8, ML1.4

ISC 30 05:20:12.0, 1.1, 18.18N:09.76E, h15km, 9km, n10, r152/16, 2C-3D, Jamaica region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
GWJ	Greenwich	0.13 219	I/P	Pg	05 04 23.5 -0.4
STH	Stony Hill	0.19 238	I/P	Pg	05 04 24.8 +0.2
STH			I/S	Sg	05 04 23.8 +0.6
HJ	Hope	0.20 211	I/P	Pg	05 04 23.8 -1.0
NOJ	Bonny Gate	0.33 296	I/P	Pg	05 04 28.9 +1.2
BBJ	Bamboo Saint A	0.63 289	I/P	Pg	05 04 34.3 -0.3
MTDJ	Mount Denham	0.85 273	eP	Pn	05 04 37.2 +0.6
MTDJ			eS	Sn	05 04 50.1 +0.2
MTDJ	21nm,0.2s		I/AML		05 04 51.3
MTDJ			I/AML		05 04 52.4
MCJ	Malvern	1.03 256	I/P	Pb	05 04 39.7 +0.1
LMCG	Las Mercedes	1.91 350	eP	Sn	05 04 54.0 -2.0
LMCG			eS	Sn	05 05 12.9 -2.9
LMCG			I/AML		05 05 15.0
LMCG			I/AML		05 05 15.0
RCC	Rio Carpintero	2.02 26	eP	Pn	05 04 53.8 +0.2
RCC			eS	Sn	05 05 19.4 +0.9
RCC			I/AML		05 05 21.4
RCC			I/AML		05 05 21.6
GTBY	Quantanamo Bay	2.26 39	eP	Pn	05 04 57.0 0.0
GTBY			eS	Sn	05 05 25.5 +0.9

MOS 30 05:12:24.7, 1.1, 34.88N:24.76E, h43km, mb4.6/25, Error ellipse: s-maj=6.5km s-min=3.5km az=80.5
 ISK 30 05:12:26.6, 34.83N:24.98E, h30km, ML4.0/23
 ATH 30 05:12:27.9, 34.75N:24.84E, h24km, ML4.1/11, Error ellipse: s-maj=3.8km s-min=1.6km az=2.0
 NEIC 30 05:12:27.8, 1.3, 34.90N:0.06, 24.84E:0.05, h52km, 6km, mb4.4/43, Error ellipse: s-maj=9.8km s-min=2.3km

IDC 30 05:12:27.1, 0.9, 34.89N:24.87E, h48km, 5km, mb4.0/23, mbmp4.2/34, MS3.3/21, Error ellipse: s-maj=12.6km s-min=10.9km az=171.0
 THE 30 05:12:28.5, 34.78N:24.86E, h19km, 2km, ML4.1/10, Error ellipse: s-maj=3.1km s-min=1.0km az=355.0
 GII 30 05:12:32.4, 0.0, 34.43N:25.80E, h1km, mb4.1/2, MD3.6/6
 DDA 30 05:12:33.0, 0.0, 35.28N:25.22E, h92km, 22km, MW4.1
 ISC 30 05:12:26.6, 0.5, 34.81N:0.04, 24.99E:0.03, h47km, 4km, n426, r214/472, mb4.4/52, MS3.3/16, 37C-25D, Crete

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
TMBK	Timbaki Herakl	0.32 325	P	Sn	05 12 35.1 -0.6
TMBK			S	Sn	05 12 41.1 -1.0
TMBK	29nm,0.5s		P	Sn	05 12 35.0 -0.6
TMBK	Timbaki Herakl	0.32 325	P	Sn	05 12 40.7 -1.4
TMBK			S/AML	AML	05 12 42.9
TMBK			S/AML	AML	05 12 43.4
TMBK			S/AML	AML	05 12 37.7 +0.1
IDI	Anoia	0.48 350	P	Sn	05 12 46.9 +1.5
IDI			S	Sn	05 12 37.7 +0.1
IDI			S	Sn	05 12 46.5 +1.1
IDI			S	Sn	05 12 37.3 -0.3
IDI	Anoia	0.48 350	Pg	Pn	05 12 37.8 +0.2
IDI			S	Sn	05 12 46.6 +1.1
IDI	Anoia	0.48 350	P	Pn	05 12 37.9 +0.2
IDI	Anoia	0.48 350	P	Pn	05 12 37.6 0.0
IDI			S	Sn	05 12 46.7 +1.3
IDI			S/AML	AML	05 12 47.0
IDI			S/AML	AML	05 12 47.3
IDI			S/AML	AML	05 12 38.8 +1.1
IACM	Heraklion	0.50 8	P	Sn	05 12 48.5 +2.9
IACM			S	Sn	05 12 38.8 +1.1
IACM	Heraklion	0.50 8	P	Pn	05 12 48.2 +2.6
HRKL	Herakleio	0.51 11	P	Sn	05 12 39.1 +1.3
HRKL			S	Sn	05 12 47.9 +2.1
HRKL	Herakleio	0.51 11	Pg	Pn	05 12 37.9 +0.1
HRKL	Herakleio	0.51 11	Pg	Pn	05 12 39.1 +1.3
HRKL			S/AML	AML	05 12 56.4
HRKL			S/AML	AML	05 13 00.2
FRMA	Ierapetra Chan	0.65 71	P	Sn	05 12 44.1 +4.5
FRMA			S	Sn	05 12 56.8 +7.9
FRMA	Ierapetra Chan	0.65 71	P	Sn	05 12 44.1 +4.5
FRMA			S/AML	AML	05 13 01.0
FRMA			S/AML	AML	05 13 02.0
PRNS	Prines Rethymn	0.68 324	P	Sn	05 12 40.6 +0.6
PRNS			S	Sn	05 12 51.2 +1.5
GVD	Gavdhos	0.74 272	P	Sn	05 12 40.7 -0.2
GVD			S	Sn	05 12 51.0 -0.1
GVD	Gavdhos	0.74 272	Pg	Pn	05 12 40.6 -0.2
GVD			Sg	Pn	05 12 51.8 +0.7
GVD	Gavdhos	0.74 272	Pg	Pn	05 12 40.6 -0.2
GVD			S/AML	AML	05 12 54.5
GVD			S/AML	AML	05 12 54.5
STIA	Sitia Lasithi	0.99 66	P	Sn	05 12 47.9 +3.8
STIA			S	Sn	05 13 02.5 +5.6
STIA	Sitia Lasithi	0.99 66	P	Sn	05 12 48.0 +3.9
CHAN	Chania	1.05 313	P	Pn	05 12 46.1 +1.2
CHAN			S/AML	AML	05 13 06.3
CHAN			S/AML	AML	05 13 08.9
IMMV	Iera Moni Meta	1.05 308	P	Sn	05 12 46.1 +1.1
IMMV			S	Sn	05 13 00.8 +2.3
IMMV	Iera Moni Meta	1.05 308	Pg	Pn	05 12 45.6 +0.6
IMMV			Sg	Pn	05 12 59.4 +0.9
IMMV	Iera Moni Meta	1.05 308	P	Sn	05 12 45.4 +0.4
IMMV			S	Sn	05 12 58.1 -0.4
IMMV			S/AML	AML	05 13 01.4
IMMV			S/AML	AML	05 13 06.4
ZKR	Zakros	1.05 73	P	Pn	05 12 48.6 +3.6
ZKR			S	Sn	05 13 06.1 +7.5
ZKR	Zakros	1.05 73	Pg	Pn	05 12 45.7 +0.7
ZKR	Zakros	1.05 73	Pg	Pn	05 12 48.9 +3.8
ZKR			S/AML	AML	05 13 10.5

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
ZKR			S/AML	AML	05 13 17.9
KNDR	Palaiochora Ch	1.15 292	P	Pn	05 12 47.3 +1.0
KNDR			S	Sn	05 13 02.6 +1.7
KNDR	Palaiochora Ch	1.15 292	Pn	Pn	05 12 47.6 +1.3
KNDR	Palaiochora Ch	1.15 292	P	Pn	05 12 47.1 +0.8
KNDR			S	Sn	05 13 01.7 +0.8
KNDR			S/AML	AML	05 13 09.3
KNDR			S/AML	AML	05 13 10.4
RODP	Rodopos	1.25 307	P	Pn	05 12 49.7 +1.9
RODP	Rodopos	1.25 307	Pn	Pn	05 12 49.1 +1.3
SANT	Santorini	1.60 14	P	Pn	05 12 53.7 +1.1
SANT	Santorini	1.60 14	Pn	Pn	05 12 53.3 +0.7
SANT	Santorini	1.60 14	Pn	Pn	05 12 53.4 +0.8
SANT	Santorini	1.60 14	Pn	Pn	05 12 54.0 +1.4
SANT			S	Sn	05 13 11.3 -0.8
SANT	Santorini	1.60 14	P	Pn	05 12 53.7 +1.1
SANT	Santorini	1.60 14	Pn	Pn	05 12 54.2 +1.3
SAP3	Santorini-Thir	1.65 10	P	Pn	05 12 54.9 +1.8
ANKY	Antikythira Is	1.74 308	P	Pn	05 12 56.4 +2.1
ANKY	Antikythira Is	1.74 308	P	Pn	05 12 56.2 +1.9
KARP	Karpathos	1.93 67	P	Pn	05 13 00.8 +3.8
KARP	Karpathos	1.93 67	Pn	Pn	05 12 58.4 +1.4
KARP	Karpathos	1.93 67	Pn	Pn	05 12 59.5 +4.5
KARP	Karpathos	1.93 67	Pn	Pn	05 13 01.3 +4.3
KARP	Karpathos	1.93 67	Pn	Pn	05 13 00.7 +3.7
KARP			S/AML	AML	05 13 46.5
KARP			S/AML	AML	05 13 53.8
MHLO	Agia Marina, M	1.94 346	P	Pn	05 12 57.7 +0.6
MHLO	Agia Marina, M	1.94 346	P	Pn	05 12 58.0 +1.0
KTHA	Kythira Island	2.13 313	Pn	Pn	05 13 00.4 +0.6
KTHA	Kythira Island	2.13 313	Pn	Pn	05 13 02.4 +0.4
KTHA	Kythira Island	2.13 313	Pn	Pn	05 13 00.2 +0.4
KTHA			S/AML	AML	05 13 26.5
KTHA			S/AML	AML	05 13 45.8
APE	Apeiranthos	2.30 11	↑P	Pn	05 13 02.3 +0.2
APE	Apeiranthos	2.30 11	↑S	Sn	05 13 27.6 -1.6
APE	Apeiranthos	2.30 11	↑P	Pn	05 13 02.8 +0.7
APE	Apeiranthos	2.30 11	↑Pn	Pn	05 13 02.5 +0.4
APE	Apeiranthos	2.30 11	↑P	Sn	05 13 24.6 -4.5
APE	Apeiranthos	2.30 11	↑P	Sn	05 13 02.3 +0.2
APE	Apeiranthos	2.30 11	↑P	Sn	05 13 27.6 -1.6
KOSK	Kos Island	2.52 39	Pn	Pn	05 13 06.6 +1.5
VLI	Vellai	2.53 319	Pn	Pn	05 13 05.1 -0.2
VLI	Vellai	2.53 319	Pn	Pn	05 13 05.1 -0.2
DAT	Datca	2.85 47	P	Pn	05 13 11.4 +1.7
DAT	Datca	2.85 47	P	Pn	05 13 11.9 +2.2
DAT			S	Sn	05 13 41.9 -0.9
ARG	Arhangelos	2.92 60	Pn	Pn	05 13 12.5 +1.9
ARG	Arhangelos	2.92 60	Pn	Pn	05 13 12.9 +2.5
ARG	Arhangelos	2.92 60	Pn	Pn	05 13 12.9 +2.5
ARG	Arhangelos	2.92 60	Pn	Pn	05 13 13.6 +3.0
BODT	Bodrum	2.93 39	Pn	Pn	05 13 12.6 +1.8
BODT	Bodrum	2.93 39	Pn	Pn	05 13 12.6 +1.8
BDM	Kayabasi	3.01 41	SPECP	Pn	05 13 13.0
BDM			SPECP	Pn	05 13 17.1 +1.9
EPDM	Epidavros	3.18 332	P	Pn	05 13 14.4 +0.2
VLY	Voula, Athens	3.19 343	Pn	Pn	05 13 15.0 +0.8
DDIM	Aydin, Didim	3.21 34	Pn	Pn	05 13 16.8 +2.2
DDIM			S	Sn	05 13 55.5 +4.0
TURN	Turunc	3.29 53	Pn	Pn	05 13 17.5 +1.9
TURN	Turunc	3.29 53	Pn	Pn	05 13 18.2 +2.5
TURN			S	Sn	05 13 50.6 -3.0
MLSB	Milas	3.35 42	Pn	Pn	05 13 18.5 +1.9
PTL	Penteli	3.36 345	P	Pn	05 13 18.3 +1.7
DION	Dionysos Attik	3.37 346	P	Pn	05 13 18.6 +1.8
GCAM	Gzizelcami?	3.41 32	Pn	Pn	05 13 19.4 +2.2
GCAM	Gzizelcami?	3.41 32	SPECP	Pn	05 13 18.0
GCAM			S	Pn	05 13 18.8 +1.5
ITM	Ithomi	3.43 314	Pn	Pn	05 13 17.4 -0.2
ITM	Ithomi	3.43 314	Pn	Pn	05 13 16.3 -1.2
VER	Yerkesik	3.54 48	Pn	Pn	05 13 22.5 +3.4
VER	Yerkesik	3.54 48	Pn	Pn	05 13 21.3 +3.4
VER	Yerkesik	3.54 48	Pn	Pn	05 13 22.3 +3.2
VER	Yerkesik	3.54 48	Pn	Pn	05 13

30 5h

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like VTD, BR231, ANTO, etc.

1707 MAR

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like CKRC, NEY, SQTA, etc.

1748

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like TAM, BTNL, MEM, etc.

30d 6h

Table with columns: SLGT, Liugu, 1.84 327 eP, Pn, 06 17 01.7 +1.3, etc. Lists various station codes and their associated data.

2017 MAR

Table with columns: FUSB, Fushanzhiwuyua, 3.31 358 eP, Pn, 06 17 20.9 +2.0, etc. Lists various station codes and their associated data.

1750

Table with columns: BZMR, Bezymyannaya, 1.79 235 eP, Pn, 06 47 58.4 +0.1, etc. Lists various station codes and their associated data.

NEIC 30 06:39:22.3r:0.6, 17:135:01:10:178:3W:0.2, h583km, 10km, mb4.3/19, Error ellipse: s-maj=28.2km s-min=14.1km az=95.0

IDC 30 06:39:26.3r:1.9, 17:385:179:00W, h576km, 18km, mb2.9/7, mbmp3.8/9, Error ellipse: s-maj=80.1km s-min=16.2km az=148.0

ISC 30 06:39:23.4r:0.7, 17:45:01:17:8B:0:1, h550km, n30, e164/31, mb4.1/19, Fiji Islands Region

NEIC 30 06:48:23.9:1.5, 37:115:0:05:74:05W:0:07, h17km, 2km, mb4.8/48, Mw4.7/45, Mw4.8(GUC), Error ellipse: s-maj=8.2km s-min=5.8km az=123.0, Moment Tensor Solution, Moment tensor: Scale 10^19Nm, M0:0.81, Mw:0.29, Mw:0.53, Mw:0.19, Mw:0.47, Mw:0.93, Fault plane solution: Ms1:20000-1016, NP1:189.43000, 568.11000, 1.74.80000, NP2:55.52000, 826.44000, 1.23.13000, Principal axes: T:1.2154, Plg64.0000, Azm85.0000, N:-0.0237, Plg14.0000, Azm205.0000, P:-1.1916, Plg22.0000, Azm301.0000

GUC 30 06:48:23.1:0.6, 37:015:74:23W, h18km, 8km, ML4.9 IDC 30 06:48:24.7:0.6, 37:225:73:36W, h0km, mb4.5/15, mbmp4.5/19, ML4.0/4, MS4.0/22, Error ellipse: s-maj=21.1km s-min=13.6km az=84.0

NEIC 30 06:48:24.3:37:09S:74:01W, h16km VAO 30 06:48:26.0:0.8, 37:175:73:65W, h10km, 0.05, h6km, 4km, ISC 30 06:48:23.6:0.8, 37:145:0:03-73:90W, mb5.0, n227, 19/96/211, mb4.8/29, MS4.2/23, 7C-2D, Near coast of central Chile

Code Station Name Az Az' Phase ID Time Res h m s ISC B105 Punta Hualpn 0.69 56 Op Pn 06 48 39.5 +0.4 B105 Punta Hualpn 0.69 56 Op Pn 06 48 49.8 -1.2 B105 Punta Hualpn 0.69 56 Op Pn 06 48 49.8 -1.2 B105 San Pedro de C 0.70 65 eP Pn 06 48 39.5 +0.5 B105 San Pedro de C 0.70 65 eP Pn 06 48 39.5 +0.5 B105 San Pedro de C 0.70 65 eP Pn 06 48 39.5 +0.5 B104 Isla Mocha 1.27 179 eP Pn 06 48 46.5 -1.3 B104 Isla Mocha 1.27 179 eP Pn 06 48 46.5 -1.3 B104 Isla Mocha 1.27 179 eP Pn 06 48 46.5 -1.3 LC02 Puerto Saavedr 1.70 166 eP Pn 06 48 55.0 -0.2 LC02 Puerto Saavedr 1.70 166 eP Pn 06 48 55.0 -0.2 ML02 Panimavida 2.43 56 eP Pn 06 49 04.4 +0.6 ML02 Panimavida 2.43 56 eP Pn 06 49 04.4 +0.6 ML02 Panimavida 2.43 56 eP Pn 06 49 04.4 +0.6 ML02 Panimavida 2.43 56 eP Pn 06 49 37.5 -0.4 ML02 Panimavida 2.43 56 eP Pn 06 49 37.5 -0.4 G005 Huala 1.16um, 0.6s 2.66 37 eP Pn 06 49 05.9 -1.1 G005 Huala 1.16um, 0.6s 2.66 37 eP Pn 06 49 05.9 -1.1 G005 Huala 1.16um, 0.6s 2.66 37 eP Pn 06 49 05.9 -1.1 G005 Universidad A 2.71 169 eP Pn 06 49 08.6 +1.0 LR02 Universidad A 2.71 169 eP Pn 06 49 08.6 +1.0 LR03 Panguipulli 2.77 154 eP Pn 06 49 09.2 +0.7 LR03 Panguipulli 2.77 154 eP Pn 06 49 09.2 +0.7 LR03 Panguipulli 2.77 154 eP Pn 06 49 09.2 +0.7 B003 Pichilemu 3.08 31 eP Pn 06 49 12.1 -0.6 B003 Pichilemu 3.08 31 eP Pn 06 49 12.1 -0.6 G006 Curarehue 3.10 143 P Pn 06 49 14.2 +1.1 G006 Curarehue 3.10 143 P Pn 06 49 14.2 +1.1 G006 Curarehue 3.10 143 P Pn 06 49 14.2 +1.1 LR05 Currie 3.42 155 P Pn 06 49 18.5 +1.1 B002 Sierra Bellavi 3.45 48 eP Pn 06 49 17.8 -0.1 B002 Sierra Bellavi 3.45 48 eP Pn 06 49 17.8 -0.1 B001 Tunca 3.58 41 P Pn 06 49 20.0 +0.5 B001 Tunca 3.58 41 P Pn 06 49 20.0 +0.5 MT01 Copeta 3.92 34 eP Pn 06 49 19.8 +0.2 MT01 Copeta 3.92 34 eP Pn 06 49 19.8 +0.2 MT01 Copeta 3.92 34 eP Pn 06 49 19.8 +0.2 MT01 Popeta 3.92 34 eP Pn 06 49 24.1 -0.2 MT01 Popeta 3.92 34 eP Pn 06 49 24.1 -0.2 LL04 Puerto Octay 3.94 163 eP Pn 06 49 24.4 -0.1 LL04 Puerto Octay 3.94 163 eP Pn 06 49 24.4 -0.1 VA05 Santo Domingo 3.95 29 Pn 06 49 23.7 -0.9 VA05 Santo Domingo 3.95 29 Pn 06 49 23.7 -0.9 MT09 Talagante 4.12 36 eP Pn 06 49 27.1 0.0 MT09 Talagante 4.12 36 eP Pn 06 49 27.1 0.0 LL03 Petrohue 4.12 164 eP Pn 06 49 27.4 +0.3 LL03 Petrohue 4.12 164 eP Pn 06 49 27.4 +0.3 LL03 Petrohue 4.12 164 eP Pn 06 49 27.4 +0.3 LL05 Los Muermos 4.27 176 eP Pn 06 49 28.5 -0.2 LL05 Los Muermos 4.27 176 eP Pn 06 49 28.5 -0.2 MT12 Pirque 4.37 40 iP Pn 06 49 30.6 +0.1 PLCA Paso Flores 4.44 145 eP Pn 06 49 31.4 -0.1 PLCA Paso Flores 4.44 145 eP Pn 06 49 31.4 -0.1 PLCA Paso Flores 4.44 145 eP Pn 06 49 31.4 -0.1 PLCA Paso Flores 4.44 145 eP Pn 06 49 31.4 -0.1 PLCA Paso Flores 4.44 145 eP Pn 06 49 31.4 -0.1 LMEL Las Melosas 4.46 44 eP Pn 06 49 32.6 +1.2 LMEL Las Melosas 4.46 44 eP Pn 06 49 32.6 +1.2 LMEL Las Melosas 4.46 44 eP Pn 06 49 32.6 +1.2 MT02 Curacav 4.49 31 iP Pn 06 49 31.8 -0.5 MT02 Curacav 4.49 31 iP Pn 06 49 31.8 -0.5 MT13 San Alfonso 4.50 42 eP Pn 06 49 32.2 -0.1 MT13 San Alfonso 4.50 42 eP Pn 06 49 32.2 -0.1 VA01 Torpederas 4.51 25 eP Pn 06 49 31.4 -0.9 VA01 Torpederas 4.51 25 eP Pn 06 49 31.4 -0.9 MT05 Renca 4.55 36 Pn 06 49 33.1 -1.1 MT05 Renca 4.55 36 Pn 06 49 33.1 -1.1 MT03 Universidad Ad 4.58 38 eP Pn 06 49 32.6 -0.8 MT03 Universidad Ad 4.58 38 eP Pn 06 49 32.6 -0.8 MT03 Universidad Ad 4.58 38 eP Pn 06 49 32.6 -0.8 PEL Hacienda Santa 4.74 36 iP Pn 06 49 35.0 +0.3 PEL Hacienda Santa 4.74 36 iP Pn 06 49 35.0 +0.3 PEL Hacienda Santa 4.74 36 iP Pn 06 49 35.0 +0.3 ROCH El Roble 4.79 31 eP Pn 06 49 35.6 -0.1 ROCH El Roble 4.79 31 eP Pn 06 49 35.6 -0.1 ROCH El Roble 4.79 31 eP Pn 06 49 35.6 -0.1 MT04 Ro Olivares 4.84 41 iP Pn 06 49 37.6 +0.5 MT08 Bocatoma R 4.87 42 eP Pn 06 49 38.7 +1.1 VA06 Catapilco 5.05 28 Pn 06 49 38.5 +1.0 VA06 Catapilco 5.05 28 Pn 06 49 38.5 +1.0 MT08 Bocatoma R 4.87 42 eP Pn 06 49 38.5 +1.0 LL06 Loncomilla 5.07 178 Pn 06 49 39.9 -0.1 VA03 San Esteban 5.16 33 Pn 06 49 40.9 -0.5 H03S1 Juan Fernandez 5.24 307 T 06 55 18.4 H03S1 Juan Fernandez 5.24 307 T 06 55 18.4 H03S3 Juan Fernandez 5.26 308 T 06 55 15.9 H03S3 Juan Fernandez 5.26 308 T 06 55 15.9

INCN	comp=Z,2um,20.8s	48.82 333	P	I	08 06 03.6	-0.2
INCN	Inchon		I	Amb	08 06 05.2	
INCN	comp=Z,30nm,0.8s	48.82 333	P	P	08 06 04.9	+1.0
INCN	Inchon	48.82 333	P	P	08 06 03.6	-0.2
INCN	comp=Z,30nm,0.8s					
RAR	Rarotonga	49.37 113	LR	LR	08 24 52.9	
YUK	Yuzh-Kuril'sk	49.63 354	I	P	08 06 09.1	-0.8
ASAJ	Asahikawa	50.12 351	LR	LR	08 27 56.6	
SDSI	Sungai Dareh	50.51 273	P	P	08 06 15.2	-2.0
WHN	Wuhan	50.72 317	I	P	08 06 20.0	+1.6
WHN	comp=Z,15nm,0.6s					
WHN	comp=Z,82nm,0.9s					
WHN	comp=Z,680nm,12.3s					
WHN	comp=Z,2um,16.9s					
WHN	comp=Z,3um,17.0s					
WHN	comp=Z,5um,20.1s					
IPM	Ipop	51.70 280	P	I	08 06 24.7	-1.4
IPM	comp=Z,35nm,1.3s					
USRK	Ussuriysk Ar.	52.63 342	P	P	08 06 32.5	0.0
USRK	comp=Z,6.0nm,0.8s,baz=156,slow=6.2,SNR=6.5					
USRK	comp=Z,650nm,18.1s,baz=158,slow=36					
TIA	Tai'an	52.74 325	I	P	08 06 32.8	-0.6
TIA	comp=Z,11nm,1.5s					
TIA	comp=Z,200nm,7.9s					
TIA	comp=Z,790nm,18.6s					
TIA	comp=Z,560nm,15.9s					
TIA	comp=Z,1um,21.1s					
YSS	Yuzh-Sakhalins	52.87 352	eP	P	08 06 34.3	+0.1
YSS	comp=Z,1um,21.1s					
YSS	comp=Z,1um,21.1s					
YSS	comp=Z,1um,21.1s					
YSS	comp=Z,1um,21.1s					
MDJ	Mudanjiang	53.77 340	eSS	SS	08 17 37.3	-3.0
MDJ	comp=Z,470nm,4.0s					
MDJ	comp=Z,910nm,23.9s					
MDJ	comp=Z,1um,23.0s					
ENH	Enshi	53.95 314	P	P	08 06 42.2	-0.3
ENH	Enshi	53.95 314	P	P	08 06 43.0	+0.5
ENH	Enshi	53.95 314	P	P	08 06 41.4	-1.1
ENH	Enshi	53.95 314	P	P	08 06 52.1	-0.4
GYA	Guiyang	54.08 308	I	S	08 06 44.0	+0.4
GYA	comp=Z,260nm,5.9s					
GYA	comp=Z,770nm,21.0s					
GYA	comp=Z,790nm,20.9s					
GYA	comp=Z,1um,19.8s					
LYN	LuoYang	54.47 320	I	P	08 06 44.0	-2.1
LYN	comp=Z,220nm,7.3s					
LYN	comp=Z,1um,20.2s					
LYN	comp=Z,1um,19.0s					
LYN	comp=Z,1um,19.1s					
CN2	Changchun	54.58 337	P	S	08 06 47.3	+0.6
CN2	comp=Z,10.0nm,0.6s					
CN2	comp=Z,200nm,4.0s					
CN2	comp=Z,700nm,15.0s					
CN2	comp=Z,500nm,15.0s					
CN2	comp=Z,800nm,17.0s					
COCO	West Island	54.66 259	P	P	08 06 47.6	-0.3
COCO	West Island	54.66 259	P	P	08 06 47.6	-0.3
COCO	comp=Z,490nm,2.0s					
HNS	HongShan	54.96 324	I	P	08 06 49.5	-0.1
HNS	comp=Z,25nm,1.2s					
HNS	comp=Z,320nm,5.9s					
HNS	comp=Z,690nm,19.9s					
HNS	comp=Z,1um,18.3s					
HNS	comp=Z,2um,22.8s					
BNX	BinXian	55.50 339	I	P	08 06 52.5	-0.9
BNX	comp=Z,16nm,1.2s					
BNX	comp=Z,240nm,6.6s					
BJI	Beijing	55.97 327	P	P	08 06 56.5	-0.4
BJI	comp=Z,140nm,6.4s					
BJI	comp=Z,820nm,21.0s					
BJI	comp=Z,470nm,19.6s					
PHRA	Phrae	56.18 296	P	P	08 06 58.4	-0.3
XAN	Xi'an	56.49 317	I	P	08 07 00.8	0.0
XAN	comp=Z,27nm,1.3s					
XAN	comp=Z,300nm,9.2s					
XAN	comp=Z,790nm,20.0s					
XAN	comp=Z,980nm,19.7s					
XAN	comp=Z,2um,20.0s					
KMI	Kunming	56.60 305	I	P	08 07 02.5	+0.6
KMI	comp=Z,30nm,1.3s					
KMI	comp=Z,260nm,5.4s					
KMI	comp=Z,280nm,17.9s					
KMI	comp=Z,590nm,19.8s					
KMI	comp=Z,810nm,19.6s					
CRAI	Chiangrai	56.66 298	P	I	08 07 02.2	0.0
CRAI	comp=Z,33nm,1.0s					
KLR	Kul'dur	57.28 344	LR	LR	08 28 49.3	
KLR	comp=Z,961nm,21.6s,baz=172,slow=33					
KLR	Kul'dur	57.28 344	eP	P	08 07 04.5	-1.5

CM31	comp=Z,9.0nm,1.3s	57.32 296	P	P	08 07 06.6	-0.2
CMAR	Chiang Mai Arr	57.32 296	P	P	08 07 06.4	-0.4
CMAR	comp=Z,5.2nm,0.6s,baz=121,slow=5.3,SNR=34					
CMAR	comp=Z,493nm,18.9s,baz=125,slow=36					
CMAR	Chiang Mai Arr	57.32 296	P	P	08 07 06.8	-0.1
CMAR	Chiang Mai Arr	57.32 296	eP	P	08 07 07.8	+0.9
CHTO	Chiang Mai	57.44 296	P	P	08 07 07.2	-0.5
CHTO	Chiang Mai	57.44 296	P	P	08 07 07.2	-0.5
CHTO	comp=Z,3.0nm,1.8s					
PZH	PanZhiHua	58.01 306	P	P	08 07 12.0	+0.3
PZH	comp=Z,10.0nm,0.8s					
PZH	comp=Z,180nm,6.7s					
PZH	comp=Z,450nm,17.3s					
PZH	comp=Z,500nm,17.1s					
PZH	comp=Z,720nm,17.2s					
PPT	Papeete	58.43 107	LR	LR	08 27 19.6	
PPT2	Papeete2	58.43 107	eP	S	08 07 16.9	+2.1
PPT2	comp=Z,142nm,23.5s					
PPT2	comp=Z,186nm,22.0s					
PPT2	comp=Z,265nm,27.5s					
PPT2	comp=Z,514nm,22.5s					
PPT2	comp=Z,431nm,23.5s					
CD2	Chengdu	58.49 311	P	P	08 07 14.5	-0.4
CD2	comp=Z,30nm,1.2s					
CD2	comp=Z,260nm,9.8s					
CD2	comp=Z,290nm,20.4s					
CD2	comp=Z,300nm,21.3s					
CD2	comp=Z,2um,20.6s					
PET	Petropavlovsk	58.62 5	eP	P	08 07 15.6	+0.3
PET	comp=Z,200nm,10.8s					
PET	comp=Z,600nm,17.0s					
PET	comp=Z,600nm,18.0s					
PETK	Petropavlovsk	58.63 4	P	P	08 07 15.5	+0.1
PETK	comp=Z,3.6nm,0.5s,baz=170,slow=7.8,SNR=13					
PETK	comp=Z,935nm,21.1s,baz=189,slow=32					
XLT	XILinHaoTe	58.81 330	eP	P	08 07 17.5	+0.5
XLT	comp=Z,36nm,0.9s					
XLT	comp=Z,180nm,5.2s					
HHC	Hu-ho-hao-te	59.08 325	eP	S	08 07 19.0	+0.1
HHC	comp=Z,49nm,0.7s					
HHC	comp=Z,310nm,5.1s					
HHC	comp=Z,2um,17.3s					
HHC	comp=Z,2um,17.9s					
HHC	comp=Z,3um,17.8s					
TBI	Tubus	59.14 114	eS	SS	08 15 24.7	-0.4
TBI	comp=Z,1um,34.0s					
TBI	comp=Z,1um,26.0s					
TBI	comp=Z,11um,34.0s					
TBI	comp=Z,8um,29.2s					
TBI	comp=Z,4um,33.8s					
HEH	HeiHe	59.44 342	P	P	08 07 20.0	-1.1
HEH	comp=Z,13nm,0.8s					
HEH	comp=Z,200nm,8.7s					
HEH	comp=Z,640nm,19.9s					
HEH	comp=Z,300nm,19.4s					
HEH	comp=Z,960nm,22.2s					
TNCH	TengChong	60.05 303	eP	P	08 07 26.3	+0.3
TNCH	comp=Z,240nm,4.4s					
MND	Mandalay	61.01 299	P	P	08 07 32.5	+0.1
SHEM	Shemaya Is, Ala	61.04 15	LR	LR	08 29 21.4	
LZH	Lanzhou	61.09 317	I	P	08 07 31.0	-1.8
LZH	comp=Z,35nm,1.5s					
LZH	comp=Z,240nm,5.5s					
LZH	comp=Z,630nm,15.1s					
LZH	comp=Z,600nm,14.4s					
LZH	comp=Z,1um,15.8s					
HIA	Hailar	61.31 337	P	P	08 07 33.9	0.0
ZEA	Zeya	62.57 344	eP	S	08 07 41.6	-0.6
ZEA	comp=Z,10.0nm,1.2s					
ZEA	comp=Z,100nm,14.6s					
MA2	Magadan	64.91 359	LR	LR	08 39 22.2	
BRDH	Baridhala	65.14 298	LR	LR	08 34 32.7	
GTA	Gaotai	65.54 318	I	P	08 08 02.5	+0.3
GTA	comp=Z,13nm,1.4s					
GTA	comp=Z,340nm,20.4s					
GTA	comp=Z,460nm,21.1s					
GTA	comp=Z,860nm,20.7s					
SHL	Shillong	65.85 301	P	I	08 08 03.5	-1.1
SHL	Shillong	65.85 301	P	P	08 08 03.5	-1.1
SHL	comp=Z,41nm,1.1s					
ULN	Ulaanbaatar	66.11 329	P	I	08 08 05.8	0.0
ULN	comp=Z,19nm,0.9s					
ULN	Ulaanbaatar	66.11 329	eP	P	08 08 05.7	0.0

ULN	comp=Z,2.21nm,0.8s					
ULN	Ulaanbaatar	66.11 329	P	P	08 08 05.0	-0.8
SUNM	Sungino Arr	66.43 328	eP	S	08 08 07.9	+0.1
SUNM	comp=Z,12nm,0.6s,baz=146,slow=5.8,SNR=64					
SUNM	comp=Z,1um,21.1s,baz=134,slow=35					
SUNM	comp=Z,12nm,0.6s					
SUNM	Sungino Array	66.43 328	P	I	08 08 07.2	-0.6
SUNM	comp=Z,1.8nm,0.7s					
SUNM	Sungino Array	66.43 328	P	P	08 08 07.2	-0.6
SUNM	comp=Z,19nm,0.7s					
CASY	Casey	67.04 197	P	P	08 08 11.5	+0.3
TAOE	Nuku Hiva Isla	67.49 97	eP	P	08 08 16.8	+1.6
TAOE	Nuku Hiva Isla	67.49 97	eSS	SS	08 08 16.8	+1.6
TAOE	comp=Z,93nm,32.5s					
TAOE	comp=Z,423nm,22.9s					
GOMU	GeErMu	67.54 313	P	S	08 08 15.8	+0.4
GOMU	comp=Z,6.0nm,1.0s					
GOMU	comp=Z,190nm,5.3s					
GOMU	comp=Z,330nm,20.0s					
GOMU	comp=Z,730nm,19.4s					
LSA	Lhasa	67.86 305	P	I	08 08 17.5	-0.2
LSA	comp=Z,20nm,1.1s					
LSA	Lhasa	67.86 305	P	P	08 08 17.5	-0.2
LSA	comp=Z,20nm,1.1s					
SEY	Seymchan	68.27 0	LR	LR	08 34 14.7	
YAK	Yakutsk	69.50 349	LR	LR	08 38 00.8	
ZAK	Zakamensk	69.62 329	eP	P	08 08 26.9	-0.8
ZAK	comp=Z,39nm,1.0s					
TAPN	Taplejung	69.96 302	eP	P	08 08 30.0	-0.6
BOD	Bodaibo	70.13 340	eP	P	08 08 28.1	-2.5
BOD	comp=Z,65nm,1.2s					
RAMN	Ramite	70.79 301	eP	P	08 08 34.5	-1.1
JIRN	Jiri	71.34 301	eP	P	08 08 38.4	-0.7
CCD	Concordia, Ant	71.42 187	P	P	08 08 38.1	-0.5
MOY	Mondy	71.54 329	eP	P	08 08 39.5	0.0
MOY	comp=Z,41nm,1.5s					
GUN	Gumba	71.68 302	eP	P	08 08 40.4	-0.6
PKI	Pulchoki	71.98 301	eP	P	08 08 41.9	-1.0
PALK	Pallekele	72.10 279	LR	LR	08 45 49.8	
PALK	Pallekele	72.10 279	P	P	08 45 49.8	
PALK	Pallekele					

LIRD	Liard River Hi	90.69	30	P	P	08 10 21.0 +0.1
J05D	Fort Rock, OR	91.52	47	P	P	08 10 27.3 +2.0
PINE	Pine Mountain	91.79	46	P	P	08 10 28.6 +2.0
KOTAN	Kotanelee Air	91.82	30	P	P	08 10 29.5 -0.3
SC2Z	Santa Cruz Isl	91.84	56	P	P	08 10 26.8 0.0
FLDN	Fort Liard	92.12	30	P	P	08 10 27.4 -0.1
VES	Vestal, Richgr	92.46	54	P	P	08 10 29.4 -0.3
WRGLY	Wrigley	92.51	27	P	P	08 10 29.0 -0.2
A36M	Sachs Harbour	93.03	18	P	P	08 10 30.4 -1.0
C36M	Paulatuk	93.05	21	P	P	08 10 30.5 -1.1
EDWZ	Edwards Air Fo	93.27	55	P	P	08 10 32.4 -1.1
NVAR	Mina Array Bea	93.29	52	P	P	08 10 34.2 +0.5
NVAR	comp=Z,2um,18.6s,baz=270,slow=33	LR				08 48 38.2
NVAR	Mina Array Bea	93.29	52	P	P	08 10 34.4 +0.7
CWC	Cottonwood Cre	93.32	54	P	P	08 10 33.5 -0.3
NV11	Mina Array Sit	93.41	52	P	Iamb	08 10 34.5 +0.4
NV11	comp=Z,17nm,1.1s	Iamb				08 10 35.5
BFSC	Mount Baldy Ra	93.50	56	P	P	08 10 33.6 -1.0
KVN	Kaiserville	93.50	51	P	P	08 10 34.9 +0.3
KVN	comp=Z,21nm,1.2s	Iamb				08 10 36.6
KVN	Kaiserville	93.50	51	P	pmax	08 10 34.9 +0.3
LRMC	Mount Mtn Rad	93.57	55	P	P	08 10 34.9 0.0
MPMC	Manual Prospec	93.77	54	P	P	08 10 36.0 +0.1
MURC	Murrieta	93.83	57	P	P	08 10 35.7 -0.4
109C	Camp Elliot, M	93.86	57	P	P	08 10 36.2 +0.1
GRAC	Grapevine Rang	93.93	53	P	P	08 10 36.4 0.0
BBRC	Big Bear Solar	94.11	56	P	P	08 10 37.7 +0.2
GSC	Goldstone, Bar	94.27	55	P	P	08 10 38.0 -0.1
FURC	Furnace Creek,	94.30	54	P	P	08 10 37.9 -0.1
MONPZ	Monument Peak	94.43	58	P	P	08 10 39.5 +0.5
PFO	Pinyon Flats O	94.45	57	LR	LR	08 45 00.8
PFO	comp=Z,17.8nm,21.8s,baz=262,slow=30	LR				08 10 38.3 -0.7
PFO	Pinyon Flats O	94.45	57	P	Iamb	08 10 38.3 -0.7
PFO	comp=Z,12nm,1.2s	Iamb				08 10 38.3 -0.7
PFO	Pinyon Flats O	94.45	57	P	pmax	08 10 38.3 -0.7
PFO	comp=Z,12nm,1.2s	pmax				08 10 38.3 -0.7
PFO	Pinyon Flats O	94.45	57	P	P	08 10 39.3 +0.3
TPFO	Pinon Flats	94.45	57	P	P	08 10 39.0 -0.1
BMO	Blue Mountains	94.47	46	P	Iamb	08 10 38.5 -0.3
BMO	comp=Z,22nm,1.1s	Iamb				08 10 40.3
BMO	Blue Mountains	94.47	46	P	pmax	08 10 38.5 -0.3
BMO	comp=Z,22nm,1.2s	pmax				08 10 38.5 -0.3
HEC	Hector,Ludlow	94.63	56	P	P	08 10 39.9 +0.2
IKP	In-Ko-Pah, Jac	94.68	58	P	P	08 10 41.0 +1.0
SHOC	Shoshone, Teco	94.74	55	P	P	08 10 40.8 +0.6
NEW	Newport	94.78	42	LR	LR	08 49 41.4
NEW	comp=Z,1um,18.7s,baz=266,slow=33	LR				08 49 41.4
NEW	Newport	94.78	42	P	Iamb	08 10 40.2 +0.1
NEW	comp=Z,19nm,1.1s	Iamb				08 10 40.2 +0.1
NEW	Newport	94.78	42	P	pmax	08 10 40.2 +0.1
NEW	comp=Z,19nm,1.2s	pmax				08 10 40.2 +0.1
TPNV	Topogah Spring	94.82	53	P	P	08 10 41.4 +0.7
BELC	Belle Mtn. Jos	94.86	56	P	P	08 10 42.2 +1.3
SWSC	Sam W. Stewart	94.96	57	P	P	08 10 42.3 +1.1
TUQ	Turquoise Moun	95.00	55	P	P	08 10 41.8 +0.6
WSAR	Wadi Sarin	95.09	293	LR	LR	08 58 14.5
GMRC	Granite Mounta	95.18	56	P	P	08 10 42.3 -0.1
BC3	Big Chuckawall	95.29	57	P	P	08 10 44.1 +1.3
RPN	Rapa Nui	95.33	118	LR	LR	08 45 35.5
RPN	comp=Z,285nm,21.9s,baz=277,slow=30	LR				08 45 35.5
ABKAR	Akbulak array	95.38	319	P	P	08 10 41.5 -1.2
PLID	Pearl Lake	95.41	45	P	Iamb	08 10 42.9 -0.4
PLID	comp=Z,8.3nm,1.1s	Iamb				08 10 44.2
R11B	Troy Canyon, C	95.42	52	P	P	08 10 43.4 -0.1
IRM	Iron Mountain	95.57	56	P	P	08 10 45.3 +1.3
ELK	Elk	95.79	50	LR	LR	08 48 16.0
V12A	Nelson	95.89	55	P	P	08 10 45.4 -0.1
ARU	Arti	96.38	326	LR	LR	08 53 49.4
ARU	comp=Z,2um,21.6s,baz=110,slow=35	LR				08 53 49.4
ARU	Arti	96.38	326	P	P	08 10 45.8 -1.3
ARU	comp=Z,1.0nm,0.8s,baz=254,slow=1.5,SNR=4.5	P				08 14 40.4
ARU	SS	SS			SKSac	08 21 19.7 -1.6
ARU	SS	SS			SS	08 28 33.9 -4.3
ARU	comp=Z,10.0nm,1.0s	MLR			MLR	
ARU	comp=Z,2um,21.0s	MLR			MLR	
ARU	Parker Dam,Lak	96.41	56	P	P	08 10 48.5 +0.8
HLID	Hailey	96.50	47	P	P	08 10 47.9 -0.3
YKA	Yellowknife Ar	96.52	28	P	P	08 10 47.7 +0.1
YKA	comp=Z,3.1nm,0.7s,baz=269,slow=4.6,SNR=6.6	PKIKP			PKIKP	08 15 25.3 +0.5
YKA	comp=Z,0.3nm,0.8s,baz=254,slow=1.5,SNR=4.5	LR			LR	08 48 22.1
AKTO	Aktyubinsk	96.66	320	P	P	08 10 46.6 -1.9
AKTO	comp=Z,2.7nm,1.0s	LR			LR	08 54 09.7
MSO	Missoula	96.89	44	P	P	08 10 49.5 -0.3
WALA	Waterton Lakes	96.94	41	P	P	08 10 49.8 -0.2
EDM	Edmonton	97.28	37	P	Pdf	08 10 52.7 +1.3
EDM	Edmonton	97.28	37	P	Pdf	08 10 52.7 +1.3
EDM	comp=Z,50nm,1.1s	pmax			pmax	
BOZ	Bozeman (W)	98.50	45	P	P	08 10 57.5 +0.3
WUAZ	Wupatki	98.51	55	P	Pdf	08 10 58.4 0.0
H17A	Grant Village	99.27	46	P	Pdf	08 11 01.4 +0.6
LPIG	La Paz	99.40	67	LR	LR	08 49 04.8
EGMT	Eggleton	99.72	42	P	Pdf	08 11 02.2 -0.2
BW06	Boulder Array	100.05	48	P	Pdf	08 11 04.9 +0.7
PDAR	Pinedale Array	100.05	48	P	Pdf	08 11 04.3 +0.1
RLMT	Red Lodge	100.15	45	P	Pdf	08 11 06.0 +1.2

MVCO	Mesa Verde	101.02	53	P	Pdf	08 11 09.6 +0.9
O20A	White River Ci	101.13	50	P	Pdf	08 11 09.9 +0.9
LAO	LASA Array	102.20	44	P	Pdf	08 11 14.6 +1.1
K22A	Casper	102.29	48	P	Pdf	08 11 15.2 +1.1
N22A	4UR Ranch, Cre	102.33	53	P	Pdf	08 11 15.1 +0.5
S32A	Red Feather La	102.54	49	P	Pdf	08 11 17.4 +0.7
SDCO	Great Sand Dun	103.38	53	P	Pdf	08 11 19.5 +0.2
DGMT	Dagmar	103.38	42	P	Pdf	08 11 19.9 +1.2
Q24A	Divide	103.58	51	P	Pdf	08 11 20.2 +0.1
RSSD	Black Hills	103.97	46	P	Pdf	08 11 21.4 -0.3
APA	Apatity	105.68	339	iP	Pdf	08 11 31.5 +3.1
APA	comp=Z,16nm,1.0s	pmax			pmax	
ARCES	ARCCESS Array B	107.28	343	PKIKP	PKIKP	08 15 44.4 +0.3
FINES	FINES Array B	111.31	335	PKIKP	PKIKP	08 15 52.3 +0.4
TULI	Leonard	111.32	54	P	PKIKP	08 15 52.2 -0.5
MNK	Minsk	113.70	328	iP	PP	08 16 46.6 -2.5
MNK	Minsk	113.70	328	iP	PP	08 16 46.6 -2.5
MNK	Minsk	113.70	328	iP	PP	08 16 46.6 -2.5
MNK	comp=Z,244	iPPP			PPP	08 19 10.8
MNK	comp=Z,244	iSS			SS	08 23 02.8 -3.6
MNK	comp=Z,244	iSS			SS	08 26 24.0 -2.3
MNK	comp=Z,244	iSS			SS	08 32 34.6 -0.1
MNK	comp=Z,244	iSS			SS	08 36 48.7
MNK	comp=Z,244	iLR			LR	09 00 55.3
MNK	comp=Z,244	iLR			LR	09 04 34.4
MNK	comp=Z,244	iLR			LR	09 04 39.6
MNK	comp=Z,244	iLR			LR	09 04 53.1
NACGM	Naroch	114.10	329	ePdf	Pdf	08 11 57.0 -9.1
AKASC	Malin Array Be	114.52	324	PKP	PKIKP	08 15 58.2 -0.1
BR2	FINES Array B	115.06	311	PKIKP	PKIKP	08 15 59.5 -0.4
NB2	NORSAR Subarray1	117.27	340	PKP	PKP	08 16 02.7 -0.7
NOA	NORSAR Array B	117.27	340	PKP	PKP	08 16 02.9 -0.6
WCI	Wyandotte Cave	118.23	49	P	PKP	08 16 05.9 0.0
BOSA	Boshof	118.42	233	PKP	PKIKP	08 16 07.0 +0.3
O48B	Farmland	118.47	326	PKP	PKP	08 16 05.7 -0.6
MLR	Muntele Rosu	118.59	320	iP	PKP	08 16 06.1 -0.5
LRAL	Lakeview Retre	119.00	55	P	PKP	08 16 06.4 -1.2
P49A	Miami Univ. Ec	119.02	48	P	PKP	08 16 06.5 -0.8
VOIR	Arges	119.19	320	iP	PKP	08 16 04.8 -2.9
PLCA	Paso Flores	119.77	144	PKP	PKP	08 16 08.5 -0.5
LOT	Lotru	120.00	320	iP	PKP	08 16 04.8 -4.4
ACSO	Alum Creek Sta	120.05	46	P	PKP	08 16 08.7 -0.7
P52A	Corning	120.87	47	P	PKP	08 16 10.6 -0.4
SURR	Surduc	120.90	321	iP	PKIKP	08 16 11.4 +0.5
M53A	WI Miller and	121.24	44	P	PKP	08 16 10.8 -0.8
O53A	New Philadelph	121.31	46	P	PKP	08 16 11.4 -0.4
VYHS	Vyhne	121.54	325	ePKIKP	PKIKP	08 16 12.2 +0.1
VYHS	Vyhne	121.54	325	ePKIKP	PKIKP	08 16 12.2 +0.1
MRC	Moldavsky Berou	121.57	325	ePKIKP	PKIKP	08 16 12.4 +0.2
MDVR	Moldovita	121.60	320	iP	PKP	08 16 01.2 -1.1
MAUC	Maruska	121.64	326	ePKP	PKP	08 16 12.0 -0.2
KRLC	Krailiky	121.81	328	ePKP	PKP	08 16 13.0 +0.3
KRLC	Krailiky	121.81	328	ePKP	PKP	08 16 13.0 +0.3
SCHO	Schefferville	121.86	25	PKP	PKP	08 16 12.3 0.0
DPC	Dobruska-Polom	121.90	328	ePKIKP	PKP	08 16 11.7 -1.0
DPC	Dobruska-Polom	121.90	328	ePKIKP	PKP	08 16 11.7 -1.0
JAVC	Velka Javorina	122.00	326	ePKP	PKP	08 16 13.8 +0.7
MODR	Moldra-Piesok	122.48	326	ePKIKP	PKP	08 16 14.5 +0.5
MODR	Moldra-Piesok	122.48	326	ePKIKP	PKP	08 16 14.5 +0.5
KRUC	Moravsky	122.59	327	ePKP	PKP	08 16 13.6 -0.4
FRGS	Fruska Gora	122.62	321	iP	PKIKP	08 16 14.5 +0.1
BRG	Bergsiesshubel	122.82	330	ePKP	PKIKP	08 16 15.0 +0.5
BRG	comp=Z,9.5nm,1.0s	Amp			Amp	08 16 16.8
BRG	Bergsiesshubel	122.82	330	P	PKIKP	08 16 23.3 +8.7
BRG	comp=Z,5.1nm,1.2s	Amp			Amp	08 16 25.7
BRG						

30d 8h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Pontes e Lacer, Chuzmiza, Minye Minye, etc.

WEL 30 08:28:32.0, 39'S; 176°E; h5km, 2km, MO, 8/11, ML2.1/7, MLV0.8/11, Error ellipse: s-maj=0.0km s-min=0.0km az=86.7, confirmed, North Island

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KATZ, RITZ, North Tongariri, etc.

IDC 30 08:30:04.2-1.5, 38°33'N; 142°31'E, h0km, mb3.7/4, mbmp3.6/6, ML2.5/2, Error ellipse: s-maj=36.8km s-min=21.0km az=85.0

JMA 30 08:30:14.0-0.1, 38°22'N; 0°3'141.7E; 0.5, h50km, MV3.4/40, E OFF MIYAGI PREF

ISC 30 08:30:12.3-1.4, 38°17'N; 0°05'141.9E; 0.1, h5km, 10km, n26, 1918/30, mb3.8/4, 14D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like IJHK, IJIO, Kesennumototy, etc.

NEIC 30 08:32:49.3-0.5, 37°38'N; 0°02'97.40W; 0.02, h4km, 2km, mb_Lg2.9/62, ML3.3/34, Error ellipse: s-maj=2.6km s-min=2.1km az=166.0

ANF 30 08:32:49.9-0.1, 37°38'N; 97°38'W, h5km, ML3.6/18, Error

2017 MAR

ellipse: s-maj=2.8km s-min=1.7km az=38.0 ISC 30 08:32:49.8-1.2, 37°38'N; 0°03'97.38W; 0.02, h5km, 10km, n93, 0537/67, Kansas

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KS20, KS21, KS21, etc.

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CCM, WLAR, OGNF, OGNF, etc.

NEIC 30 08:51:08.8-1.3, 4°36'S; 0°07'102°37'E; 0.06, h58km, 6km, mb5.0/47, Error ellipse: s-maj=11.2km s-min=7.6km az=206.0

DJA 30 08:51:09.2-0.2, 4°S; 2°10'2'E; h60km, M4.7/23, mb4.7/15, mb5.2/5, MLV4.8/23, MW(15m)4.6/5, Mhw1wp4.9/1, Mhwp5.2/5

IDC 30 08:51:12.8-3.1, 4°21'S; 102°51'E, h94km, 25km, mb4.3/35, mbmp4.6/36, MS3.3/1, Error ellipse: s-maj=18.2km s-min=9.2km az=43.0

ISC 30 08:51:08.1-0.5, 4°36'S; 0°05'102°40'E; 0.05, h55km, 4km, n177, 1926/201, mb4.8/70, 1C-2D, Southern Sumatera

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

30d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various numerical data points for stations like KLR, CMAR, CMAR, PZH, etc.

2017 MAR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various numerical data points for stations like CCSP, BI04, LCO2, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various numerical data points for stations like CPUP, GO01, CPBS, etc.

GUC 30 09:06:20.2,0.6,37.075:74.21W,h19km,m4,ML4.7
IDC 30 09:06:21.3,0.7,37.155:73.70W,h0km,m4,211.1
mtbpm4.215,ML3.9/4,MS3.9/8, Error ellipse:
s-maj=23.4km s-min=14.6km az=77.0

SWET Swanee 72.86 350 P P 09 17 50.3 -0.2
V484 Smith Brothers 78.60 349 P P 09 17 54.9 +0.6
CCM Cathedral Care 76.53 346 P P 09 18 12.3 +0.6
R19 18 20.1

SOMM Sogingo Array 169.32 359 PKPab PKPab 09 27 42.7 +1.4

comp=Z,0.4nm,0.8s,baz=17,slow=1.5,SNR=1.9

ANF 30 09:09:57.4,0.1,34.22N,117.47W,h13km,1km,ML3.0/29, Error ellipse: s-maj=1.0km s-min=0.9km az=34.0

NEIC 30 09:09:58.0,1.2,34.25N,117.46W,0.02,1h1km,5km, Error ellipse: s-maj=2.4km s-min=1.2km az=138.0

PAS 30 09:09:58.3,1.2,34.23N,117.46W,0.02,1h9km,3km, ML3.0,ML2.7/46(NEIC), Error ellipse: s-maj=2.3km s-min=2.0km az=134.0

ISC 30 09:09:57.9,0.8,34.23N,117.46W,0.01,1h14km,4km, n115,c0973/186,Southern California

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations including Rancho Palos V, Calif City Air, Pinyon Flats, etc.

ISC 30 09:37:34.3,16.0,51.6S,150.32E,h191km,134km, mb3.3/3,mbtmp3.8/3,MS3.4/3, Error ellipse: s-maj=109.7km s-min=55.4km az=95.0, New Britain

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

ISC 30 09:46:54.7,1.0,67.63N,0103.2103E,0.04,h10km,n13, c039/14,Sweden

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

IDC 30 09:51:26.4,5.8,37.41N,72.21E,h134km,42km,mb3.2/3, mbtmp3.8/9,MS3.7/1, Error ellipse: s-maj=53.8km s-min=33.8km az=157.0

NMC 30 09:51:32.5,4.6,38.09N,72.05E,h0km,mb4.2,mpv4.0, Error ellipse: s-maj=36.9km s-min=28.4km az=158.0

ISC 30 09:51:27.6,1.5,37.6N,0117.84E,0.09,h130km,n26, c1976/30,mb3.5/4,5C-1D,Afghanistan-Tajikistan border

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Afghanistan-Tajikistan border event.

IDC 30 09:51:47.8,1.2,3.53N,127.48E,h0km,mb3.7/6, mbtmp3.8/6, Error ellipse: s-maj=116.8km s-min=17.6km az=63.0

DJA 30 09:52:05.3,0.7,2.1N,111.12E,h280km,8km,M4.1/6, mb4.1/4,mb4.6/2,MLv4.1/6,Mw(MB)3.8/2

ISC 30 09:51:60.0,1.1,3.6N,01127.5E,0.1,h100km,n12, c1916/12,mb3.8/6,Talau Islands

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

NOU 30 10:03:05.8,10.91S,162.31E,h0km,mb5.2/10,Solomon Islands

IDC 30 10:03:09.6,2.1,11.03S,162.22E,h51km,17km,mb3.9/14, mbtmp4.2/16,ML4.4/2,MS3.8/31, Error ellipse: s-maj=19.8km s-min=11.5km az=64.0

NEIC 30 10:03:11.9,2.2,10.97S,162.2E,0.1,h67km,9km, mb4.7/27, Error ellipse: s-maj=19.1km s-min=11.7km az=63.0

ISC 30 10:03:09.0,0.5,10.96S,006.162E,0.07,h46km,n92, c1877/2,mb4.7/34,MS3.9/28,Bougainville-Solomon Islands region

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

UPP 30 09:46:54.9,0.0,67.64N,21.03E,h0km,ML2.5,Suspected explosion

30d 10h

Table with columns: DZM, Mont Dzumac, 11.72 161 P, Pn, 10 05 54.1 +0.4, etc. Includes various station codes and coordinates.

2017 MAR

Table with columns: HDA, Harding Lake, 84.26 20 P, P, 10 15 36.1 +0.6, etc. Includes station codes and coordinates.

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Table with columns: PALK, Pallekele, 17.91 238 LR, LR, 10 45 04.5, etc. Includes station codes and coordinates.

NDT	Datong Townshi	0.51 281	P	Pn	10 35 36.0 +0.1
NDT	baz=275		S	Sn	10 35 44.6 +0.2
TIPB	Shuangxi	0.51 335	P	Pn	10 35 35.6 -0.3
TIPB	baz=351		eS	Sn	10 35 44.1 -0.4
ETL	Fush Village	0.53 229	P	Pn	10 35 35.6 -0.5
ETL	baz=216		eS	Sn	10 35 44.6 -0.2
NACB	Ninganchiao	0.54 232	P	Pn	10 35 35.6 -0.6
NACB	baz=219		eS	Sn	10 35 45.1 +0.1
NWLT	Wulai	0.57 298	P	Pn	10 35 36.9 +0.3
NWLT	baz=300		S	Sn	10 35 46.0 +0.3
TWD	Chiawan	0.60 225	P	Pn	10 35 36.5 -0.3
TWD	baz=214		S	Sn	10 35 46.5 +0.3
ETLH	Xiulin Townshi	0.61 240	eP	Pn	10 35 36.5 -0.6
ETLH	baz=237		eS	Sn	10 35 46.0 -0.5
SX11	Grass Mountain	0.61 344	P	Pn	10 35 36.5 -0.5
WFSB	Wu-fen Shan	0.61 336	eP	Pn	10 35 36.6 -0.5
WFSB	baz=341		eS	Sn	10 35 45.9 -0.7
NNSB	Datong	0.62 263	P	Pn	10 35 37.1 -0.2
NNSB	baz=254		eS	Sn	10 35 46.8 -0.1
NNSH	Datong	0.62 263	eP	Pn	10 35 37.1 -0.2
NNSH	baz=256		eS	Sn	10 35 46.6 -0.3
NNS	Nan Shan	0.63 264	P	Pn	10 35 37.1 -0.2
NNS	baz=257		S	Sn	10 35 46.9 -0.1
TWA	Mucha	0.64 317	P	Pn	10 35 37.5 +0.1
TWA	baz=330		eS	Sn	10 35 47.7 +0.6
YHNB	Yeheng	0.64 285	P	Pn	10 35 37.4 0.0
YHNB	baz=285		S	Sn	10 35 46.9 -0.3
NSK	Sanguang	0.66 285	P	Pn	10 35 37.5 -0.2
NSK	baz=279		eS	Sn	10 35 47.3 -0.3
NHDH	Xindian Distri	0.66 313	P	Pn	10 35 37.7 +0.1
NHDH	baz=316		eS	Sn	10 35 47.9 +0.4
HWA	Hwalian	0.67 218	eP	Pn	10 35 37.8 0.0
HWA	baz=203		eS	Sn	10 35 49.4 +1.7
TNOU	National Taiwa	0.69 338	eP	Pn	10 35 38.2 +0.2
TNOU	baz=350		eS	Sn	10 35 47.7 -0.4
TATO	Taipei	0.70 312	P	Pn	10 35 37.8 -0.3
TATO	baz=315		eS	Sn	10 35 48.0 -0.3
ETM	Tongmen	0.75 224	P	Pn	10 35 38.1 -0.6
ETM	baz=219		S	Sn	10 35 49.0 -0.4
TEYL	Yanliu Villag	0.76 214	P	Pn	10 35 38.5 -0.4
TEYL	baz=202		eS	Sn	10 35 49.6 -0.1
YM01	YM01	0.78 325	eP	Pn	10 35 38.6 -0.5
YM01	baz=337		eS	Sn	10 35 50.1 0.0
FUSS	Fushou	0.79 251	P	Pn	10 35 39.5 +0.1
FUSS	baz=243		S	Sn	10 35 50.5 -0.1
YM08	YM08	0.80 328	eP	Pn	10 35 38.8 -0.6
YM08	baz=332		eS	Sn	10 35 48.8 -1.8
JYNG	Yongunijimaku	0.81 94	P	Pn	10 35 39.7 +0.3
JYNG	baz=240		eS	Sn	10 35 51.7 +0.9
WHF	Hehuan Shan	0.81 244	P	Pn	10 35 39.7 -0.2
WHF	baz=240		eS	Sn	10 35 50.6 -0.9
TWS1	Kuangyinshan	0.83 315	P	Pn	10 35 39.7 0.0
TWS1	baz=326		S	Sn	10 35 52.1 +0.9
TWT	Tachien	0.84 253	eP	Pn	10 35 40.8 +0.7
TWT	baz=251		eS	Sn	10 35 52.0 +0.2
NTY	Taoyuan	0.85 305	eP	Pn	10 35 39.8 -0.1
NTY	baz=315		eS	Sn	10 35 51.9 +0.2
NTST	Danshui	0.86 320	eP	Pn	10 35 39.7 -0.3
NTST	baz=331		eS	Sn	10 35 52.4 +0.5
TDCB	Techi	0.86 253	eP	Pn	10 35 40.5 +0.3
TDCB	baz=243		eS	Sn	10 35 51.9 -0.3
NFF	Wufeng Townshi	0.87 278	P	Pn	10 35 40.2 0.0
NFF	baz=287		S	Sn	10 35 52.0 -0.2
YOJ	Yonguniji jima	0.87 93	P	Pn	10 35 40.4 +0.2
YOJ	baz=85		eS	Sn	10 35 52.6 +0.5
ESL	Shiin	0.90 220	P	Pn	10 35 39.6 -1.0
ESL	baz=224		eS	Sn	10 35 51.5 -1.3
NCU	National Centr	0.92 300	eP	Pn	10 35 40.7 -0.2
NCU	baz=302		eS	Sn	10 35 53.2 -0.1
NCUH	Zhongli	0.92 300	eP	Pn	10 35 40.4 -0.4
NCUH	baz=302		eS	Sn	10 35 53.4 +0.1
CHGB	Renai	0.92 241	P	Pn	10 35 41.1 -0.1
CHGB	baz=230		S	Sn	10 35 53.6 -0.2
TEGC	Jichi Village	0.93 211	P	Pn	10 35 40.9 0.0
TEGC	baz=206		eS	Sn	10 35 53.9 +0.5
LI0B	Emei	0.96 278	eP	Pn	10 35 41.4 -0.1
LI0B	baz=290		eS	Sn	10 35 54.4 +0.1
NSTT	Nanjuang	0.97 277	eP	Pn	10 35 41.6 0.0
NSTT	baz=289		S	Sn	10 35 54.7 +0.2
OWD	Renai	0.98 236	P	Pn	10 35 41.6 -0.2
OWD	baz=225		eS	Sn	10 35 54.2 -0.7
WUSB	Renai	1.00 239	iP	Pn	10 35 42.2 +0.1
WUSB	baz=229		S	Sn	10 35 55.0 -0.4
EGFH	Guangfu	1.02 215	eP	Pn	10 35 41.4 -0.8
EGFH	baz=221		eS	Sn	10 35 54.8 -0.8

HSN	Hsinchu	1.03 287	eS	Sn	10 35 54.0 -2.0
WHP	Taichung City	1.04 257	eP	Pn	10 35 43.2 +0.7
WHP	baz=254		S	Sn	10 35 56.9 +0.6
WPL	Puli Township	1.12 244	eP	Pn	10 35 42.6 -1.0
WPL	baz=237		eS	Sn	10 35 57.9 -0.2
WFD	VWDT	1.13 228	P	Pn	10 35 43.7 +0.1
WFD	baz=217		eS	Sn	10 35 57.7 -0.4
DPDB	Guoxing	1.14 246	eP	Pn	10 35 44.3 +0.5
DPDB	baz=243		eS	Sn	10 35 58.7 +0.2
WCS	Beigang Elemen	1.14 247	eP	Pn	10 35 43.7 -0.1
WCS	baz=237		eS	Sn	10 35 59.2 +0.7
HGSD	baz=237		P	Pn	10 35 43.0 -1.2
HGSD	Ruisui	1.17 210	P	Pn	10 35 59.7 +0.5
HGSD	baz=217		eP	Pn	10 35 43.2 -1.4
EHY	Hungye	1.20 214	eP	Pn	10 35 57.9 -2.2
EHY	baz=210		eS	Sn	10 35 45.7 +0.6
SMLT	Sun Moon Lake	1.23 240	eP	Pn	10 36 03.1 +2.3
SMLT	baz=230		eS	Sn	10 35 45.6 +0.4
SSLB	Suanglung	1.24 235	eP	Pn	10 36 01.3 +0.4
SSLB	baz=227		eS	Sn	10 35 46.0 +0.7
TYC	Yuchr	1.25 242	P	Pn	10 36 03.3 +2.2
TYC	baz=239		eS	Sn	10 35 44.5 -1.6
YULB	Yu-li	1.31 212	eP	Pn	10 36 00.9 -1.7
YULB	baz=217		eS	Sn	10 35 46.8 +0.3
EYUL	Yuli	1.34 211	eP	Pn	10 35 45.2 -1.4
EYUL	baz=216		eP	Pn	10 35 47.6 +0.7
TWF1	Yuli	1.35 211	eP	Pn	10 36 06.1 +2.0
TWF1	baz=217		eS	Sn	10 35 48.4 +1.1
WHYT	Xinyi Township	1.37 234	eP	Pn	10 36 06.4 +1.8
WHYT	baz=224		eS	Sn	10 36 06.5 +1.7
WHYT	Zhu24	1.40 241	eP	Pn	10 35 48.0 -0.2
WJS	Zhushan	1.40 241	eP	Pn	10 35 47.5 -0.9
WJS	baz=250		eS	Sn	10 36 07.0 +0.3
WNT	Mingjian	1.40 244	eS	Sn	10 35 49.8 +0.7
WNT	baz=242		eS	Sn	10 36 08.8 +0.8
YUS	Yu-Shan	1.43 225	P	Pn	10 35 49.1 0.0
YUS	baz=214		eS	Sn	10 36 08.0 0.0
FULB	Fuli	1.48 208	eP	Pn	10 35 05.9 -2.2
FULB	baz=214		eS	Sn	10 36 00.1 +0.6
ALS	Alishan	1.52 229	P	Pn	10 36 10.7 +2.0
ALS	baz=218		eS	Sn	10 35 47.3 -2.3
IRIF	Iriomote-Funau	1.53 96	P	Pn	10 36 06.3 -2.4
IRIF	IRIF	1.54 205	eS	Sn	10 36 11.4 +1.5
CHKT	Chengkung	1.56 235	eP	Pn	10 35 49.4 -1.0
CHKT	baz=191		eS	Sn	10 36 10.1 -0.3
CHN5	Tsauling	1.56 235	eP	Pn	10 35 49.4 -1.7
CHN5	baz=244		S	Sn	10 36 09.9 -2.6
EHD	Haiduan	1.56 210	eP	Pn	10 36 13.4 +1.2
EHD	baz=214		eS	Sn	10 35 54.1 +1.8
WDLH	Douliu	1.61 240	eP	Pn	10 36 16.6 +2.9
WDLH	baz=249		eS	Sn	10 35 53.0 +0.6
ELDTW	Lidau	1.62 216	eP	Pn	10 36 15.3 +1.4
ELDTW	baz=213		eS	Sn	10 35 53.2 +0.7
ELDTW	Donne	1.68 205	eP	Pn	10 36 16.1 +2.2
ELDTW	baz=194		eS	Sn	10 35 53.3 +0.6
EDH	EDH	1.70 232	eS	Sn	10 36 15.2 +0.8
EDH	baz=221		eS	Sn	10 35 54.4 +1.2
WCKO	Fan	1.70 232	eS	Sn	10 36 17.2 +2.0
WCKO	baz=221		S	Sn	10 35 54.1 0.0
CHN4	Tsauling	1.77 230	eP	Pn	10 36 16.4 -0.6
CHN4	baz=219		eS	Sn	10 35 53.6 -0.6
CHN4	STYH	1.78 222	eP	Pn	10 35 56.4 +2.0
CHN4	baz=210		eS	Sn	10 35 54.8 -0.1
TPUB	Ta-pu	1.78 228	eP	Pn	10 35 56.1 0.0
TPUB	baz=217		eS	Sn	10 36 20.7 +0.1
JKRS	Kuro-shima	1.80 98	P	Pn	10 36 01.9 +0.9
JKRS	JKRS	1.82 227	eP	Pn	10 36 29.9 +0.5
WTP	Ta-pu	1.82 227	eP	Pn	10 35 59.9 -1.3
WTP	baz=216		eS	Sn	10 36 03.3 -2.0
JJJ	Ishigaki jima	1.91 94	P	Pn	
JJJ	baz=197		S	Sn	
TWGB	Beinan	1.91 208	eP	Pn	
TWGB	baz=197		eP	Pn	
TWG	Pinlang	1.91 209	eP	Pn	
TWG	baz=197		eP	Pn	
CHN1	Nanshi	1.92 227	eP	Pn	
CHN1	baz=240		eP	Pn	
SGST	Jiasnian	1.96 224	eP	Pn	
SGST	baz=223		eP	Pn	
JISG	Ishigakijimahi	2.05 87	P	Pn	
JISG	JISG	2.41 86	eP	Pn	
JTJ	Tarama	2.41 86	eP	Pn	
JTJ	baz=216		eP	Pn	
VWUC	VWUC	2.42 282	eP	Pn	
VWUC	baz=282		eP	Pn	
PTMZ	Houxiangcun	2.72 282	eP	Pn	
PTMZ	baz=281		eP	Pn	

AML	Almayashu	2.43 328	P	Pb	11 10 49.5 +0.9
AML	SNR=32		Pg	Pg	11 10 51.9 +0.7
AML	Almayashu	2.43 328	Pg	Pg	11 11 26.7
AML	7.4nm,0.5s		↑Lg	Lg	11 10 49.1 +0.5
AML	40nm,0.7s		↑eS	Sg	11 11 22.7 -0.1
AML	Almayashu	2.43 328	eP	Pb	11 11 22.7 +0.4
AML	baz=32		↑eS	Sg	11 11 22.7 -0.4
KDJ	Kajisay	2.44 32	↑iP	Pb	11 10 48.7 -0.2
KDJ	baz=29		↑eS	Sg	11 11 21.8 -1.4
TARG	Taragay, Kyrgy	2.44 47	↑eP	Pb	11 10 53.6 -1.0
TARG	baz=42		↑eS	Pg	11 10 51.8 +0.4
TARG	baz=42		↑eS	Sg	11 11 27.5 -0.6
KBK	Karagaybulak	2.60 352	P	Pg	11 10 53.6 -1.8
KBK	SNR=289		↑eS	Pg	11 10 53.6 -1.8
KBK	Karagaybulak	2.60 352	eP	Pb	11 11 23.0 -1.2
KBK	baz=53		↑eS	Sg	11 11 32.2
AAK	Ala-Archa	2.65 345	P	Pg	11 11 35.2
AAK	SNR=78		↑eS	Pb	11 10 52.4 +0.2
AAK	Ala-Archa	2.65 345	Pn	Pb	11 11 28.4 -1.4
AAK	19nm,0.3s, baz=129, slow=3.1, SNR=7.1		↑eS	Sg	11 10 53.6 -1.8
AAK	8.8nm,0.3s, baz=347, slow=18, SNR=1.7		↑eS	LR	11 11 32.2
AAK	comp=Z, 43nm, 19.4s, baz=236, slow=3.1		↑eS	Lg	11 11 35.2
AAK	22nm,0.3s, baz=357, slow=21, SNR=8.1		↑eS	Pb	11 10 52.4 +0.2
AAK	194nm,0.5s		↑eS	Sg	11 11 28.4 -1.4
AAK	Ala-Archa	2.79 348	↑eP	Pb	11 10 54.6 0.0
AAK	baz=47		↑eS	Sg	11 11 32.3 -2.0
FRU1	Bishkek	2.79 348	↑eP	Pb	11 10 56.8 +1.3
FRU1	baz=49		↑eS	Pg	11 11 01.0 +1.9
TKM2	Tokmak 2	2.84 3	P	Pb	11 11 36.5
TKM2	SNR=6		↑Pg	Pg	11 10 55.2 -0.3
TKM2	Tokmak 2	2.84 3	↑Pg	Pg	11 10 33.4 -2.5
TKM2	35nm,0.2s		↑Lg	Lg	11 10 49.6 -0.9
TKM2	140nm,0.6s		↑Lg		

Table with columns: SATY, 153nm, 0.6s, Lg, Lg, 11 12 09.0, 3.72 36 ePg, Pg, 11 11 16.6 +0.7, 11 12 09.0, 11 11 17.1 +0.7, 11 12 10.0, 11 11 17.1 +0.7, 11 12 10.0, 11 11 18.1 +0.2, 11 12 11.1, 11 11 18.1 +0.2, 11 12 11.1, 11 11 19.1 +0.3, 11 12 13.1, 11 11 19.1 +0.3, 11 12 13.1, 11 11 20.4 +0.1, 11 12 15.4, 11 11 20.4 +0.1, 11 12 15.4, 11 11 20.1 -0.7, 11 12 14.8, 11 11 20.1 -0.7, 11 12 14.8, 11 11 23.3 +0.5, 11 12 20.0, 11 11 23.3 +0.5, 11 12 20.0, 11 11 06.8 -0.5, 11 11 05.8 -0.8, 11 11 24.3 -0.2, 11 11 24.3 -0.2, 11 11 32.0 +4.7, 11 12 34.7, 11 11 32.0 +4.7, 11 12 34.7, 11 11 30.4 +0.6, 11 12 32.4, 11 11 29.6 -0.3, 11 12 32.4, 11 11 30.6 -0.2, 11 12 32.5, 11 11 30.6 -0.2, 11 12 32.5, 11 11 28.9 +0.0, 11 12 29.4, 11 11 31.7 -1.3, 11 12 34.2, 11 11 37.7 +1.9, 11 12 41.2, 11 11 39.1 -2.4, 11 12 47.7, 11 11 39.1 -2.4, 11 12 47.7, 11 11 46.0 -1.0, 11 12 58.7, 11 11 46.0 -1.0, 11 12 58.7, 11 11 45.3 +0.1, 11 11 56.9 -2.0, 11 12 11.5 +5.7, 11 12 39.7 +1.0, 11 14 31.1, 11 12 09.7 +3.9, 11 12 40.2, 11 12 26.5 -0.1, 11 12 39.4 +0.7, 11 14 41.3 +2.2, 11 15 50.8, 11 13 14.8 +0.1, 11 17 13.9, 11 13 13.5 -4.5, 11 13 41.2 +1.3, 11 18 18.7, 11 20 37.7, 11 15 14.8 +0.3, 11 17 10.9 +0.2, 11 17 33.5 +0.5, 11 17 59.5 -0.3, 11 21 08.8 -3.2

Table with columns: ILAR, Eielson Array, 70.35 18 P, P, 11 21 17.1 -0.9, YKA, Yellowknife Arr, 77.45 5 P, P, 11 21 58.7 -0.9, WRA, Warranung Arr, 81.07 125 P, P, 11 22 17.6 -2.4, ASAR, Alice Springs, 83.58 128 P, P, 11 22 29.9 -3.2, IDC 30 11:21:21.604, 0.56:87N, 0:39'E, h0km, Error ellipse: s-maj=231.7km s-min=80.4km az=88.0, Baltic States-Belarus-Northwestern Russia, NNC 30 11:21:59.7:16.0, 57:89N, 84:84E, h0km, mb3.8, mpv3.5, 7C-10, Error ellipse: s-maj=129.1km s-min=120.0km, IDC 30 11:45:29.3:1.1, 60:16N, 153:49W, h120km, 13km, mb3.4/7, mbmp3.8/11, MS3.1/1, Error ellipse: s-maj=17.2km s-min=9.9km az=104.0, NEIC 30 11:45:30.8:0.9, 60:08N, 0:06:153:38W, 0:09, h155km, 7km, Error ellipse: s-maj=9.3km s-min=4.2km az=145.0, AEIC 30 11:45:32.0:1.2, 60:10N, 0:06:153:32W, 0:08, h151km, 4km, ML3.5, ML3.7/99(NEIC), Error ellipse: s-maj=8.9km s-min=6.1km az=191.0, ISC 30 11:45:31.7:0.7, 60:13N, 0:04:153:29W, 0:04, h151km, 5km, n182, o097/183, mb3.7/7, Southern Alaska, ILSW, Iliamna South, 0.17 154 Op, Pn, 11 45 51.3 -0.8, O20K, Slope Mountain, 0.34 98 P, Pn, 11 45 52.4 -0.1, RSO, Redoubt South, 0.42 39 P, Pn, 11 45 52.9 -0.1, P19K, Oil Pt, 0.48 177 P, Pn, 11 45 52.8 -0.3, P19K, Oil Pt, 0.48 177 P, Pn, 11 45 52.7 -0.3, O19K, Port Aisworth, 0.52 277 P, Pn, 11 45 52.5 -0.6, O19K, Port Aisworth, 0.52 277 P, Pn, 11 45 52.5 -0.6, RDJH, Redoubt Jeurge, 0.52 27 P, Pn, 11 45 53.3 -0.1, N19K, Bonanza Creek, 0.90 320 P, Pn, 11 45 55.3 -0.5, N19K, Bonanza Creek, 0.90 320 P, Pn, 11 45 55.4 -0.5, HOM, Homer, 0.96 119 P, Pn, 11 45 56.2 +0.1, HOM, Homer, 0.96 119 P, Pn, 11 45 56.2 +0.1, O18K, Koktuh Hills, 1.00 255 P, Pn, 11 45 55.7 -0.8, O18K, Koktuh Hills, 1.00 255 P, Pn, 11 45 55.7 -0.8, SPCR, Spurr Chakacha, 1.20 26 P, Pn, 11 45 58.4 +0.1, CNPM, China Poot, 1.20 120 P, Pn, 11 46 19.8, CNPM, China Poot, 1.20 120 P, Pn, 11 46 17.7 -1.0, Q19K, Cape Douglas, 1.22 189 Pn, IAML, 11 45 57.6 -1.0, Q19K, Cape Douglas, 1.22 189 P, Pn, 11 45 57.5 -1.0, P18K, Big Mountain, 1.23 234 P, Pn, 11 45 57.4 -1.2, P18K, Big Mountain, 1.23 234 P, Pn, 11 45 57.4 -1.2, CAPN, Captain Cook N, 1.24 58 P, Pn, 11 45 60.1 +1.4, CAPN, Captain Cook N, 1.24 58 IAML, 11 46 37.4, CAPN, Captain Cook N, 1.24 58 P, Pn, 11 45 60.0 +1.4, BRLL, Bradley Lake, 1.27 106 P, Pn, 11 45 58.8 -0.1, BRLL, Bradley Lake, 1.27 106 IAML, 11 46 20.8, BRLL, Bradley Lake, 1.27 106 IAML, 11 46 21.3, BRSE, Bradley Lake S, 1.34 106 P, Pn, 11 45 59.6 -0.1, BRSE, Bradley Lake S, 1.34 106 P, Pn, 11 45 59.6 -0.1, SWVZ, Sparrevohn, 1.49 312 Pn, Pn, 11 46 00.5 -0.6, SLKN, Skliak Lake, 1.57 75 P, Pn, 11 46 01.5 -0.5, Q20K, Shuyak Island, 1.59 163 P, Pn, 11 46 01.2 -1.1, KAHC, Katmai Hardscr, 1.73 211 P, Pn, 11 46 02.6 -1.3, Q18K, Katmai Hardscr, 1.73 211 P, Pn, 11 46 02.6 -1.3, M20K, Styx River, 1.76 2 P, Pn, 11 46 04.5 +0.4, M20K, Styx River, 1.76 2 P, Pn, 11 46 04.5 +0.4, Q22K, Cooper Landing, 1.81 77 IAML, 11 46 04.3 -0.2, Q22K, Cooper Landing, 1.81 77 IAML, 11 46 37.1, Q22K, Cooper Landing, 1.81 77 IAML, 11 46 38.5, Q22K, Cooper Landing, 1.81 77 P, Pn, 11 46 04.2 -0.4, FIS, Fire Island, 1.82 55 IAML, 11 46 05.2 +0.5, FIS, Fire Island, 1.82 55 IAML, 11 46 33.2, SUA, Susitna One, 1.83 42 P, Pn, 11 46 04.8 -0.1, SUA, Susitna One, 1.83 42 P, Pn, 11 46 04.8 -0.1, M19K, Big River Lodg, 1.86 344 P, Pn, 11 46 05.0 -0.2, M19K, Big River Lodg, 1.86 344 P, Pn, 11 46 04.9 -0.3, O17K, Koliganek Bris, 1.95 261 P, Pn, 11 46 05.8 -0.4, RC01, Rabbit Creek A, 2.00 60 P, Pn, 11 46 06.1 -0.7

Table with columns: RC01, comp=E, 342nm, 0.3s, IAML, 11 46 34.5, RC01, comp=N, 396nm, 0.4s, IAML, 11 46 35.2, RC01, Rabbit Creek A, 2.00 60 P, Pn, 11 46 06.0 -0.7, SKT, Skwentna, 2.04 24 Pn, Pn, 11 46 07.6 +0.3, SKT, Skwentna, 2.04 24 P, Pn, 11 46 07.3 0.0, SKT, Skwentna, 2.04 24 P, Pn, 11 46 07.3 0.0, L19K, White Mountain, 2.19 340 P, Pn, 11 46 08.7 -0.4, L19K, White Mountain, 2.19 340 P, Pn, 11 46 08.7 -0.4, Q16K, King Salmon, 2.26 231 P, Pn, 11 46 09.3 -0.5, Q17K, Contact Creek, 2.30 217 P, Pn, 11 46 09.3 -1.2, L20K, Farewell, AK, 2.37 353 P, Pn, 11 46 11.4 +0.2, KDAK, Kodiak Island, 2.38 171 P, Pn, 11 46 08.7 -2.7, KDAK, Kodiak Island, 2.38 171 P, Pn, 11 46 38.2 -3.7, KDAK, Kodiak Island, 2.38 171 Pn, Pn, 11 46 09.0 -2.4, KDAK, Kodiak Island, 2.38 171 IAML, 11 46 40.2, O16K, Kokwok River B, 2.48 260 P, Pn, 11 46 12.1 -0.4, PMR, Palmer, 2.51 52 IAML, 11 46 44.6, PMR, Palmer, 2.51 52 IAML, 11 46 44.6, PMR, Palmer, 2.51 52 P, Pn, 11 46 11.4 -1.4, PWL, Port Wells, 2.56 71 Pn, Pn, 11 46 13.6 +0.1, PWL, Port Wells, 2.56 71 IAML, 11 46 45.7, PWL, Port Wells, 2.56 71 P, Pn, 11 46 12.0 -1.4, P16K, Nushagak River, 2.63 247 P, Pn, 11 46 14.3 -0.1, GHO, Glory Hole Cre, 2.69 50 IAML, 11 46 49.0, GHO, Glory Hole Cre, 2.69 50 IAML, 11 46 50.0, KNK, Knik Glacier, 2.70 59 IAML, 11 46 49.1, KNK, Knik Glacier, 2.70 59 IAML, 11 46 49.6, KNK, Knik Glacier, 2.70 59 P, Pn, 11 46 13.8 -1.4, KNK, Knik Glacier, 2.70 59 P, Pn, 11 46 13.8 -1.4, CUT, Chulitna, 2.71 31 P, Pn, 11 46 15.3 0.0, CUT, Chulitna, 2.71 31 P, Pn, 11 46 15.1 -0.2, N16K, Nishik Lake, 2.75 280 P, Pn, 11 46 15.8 -0.1, PPLA, Purkeypile, 2.82 10 Pn, Pn, 11 46 17.7 +0.8, PPLA, Purkeypile, 2.82 10 P, Pn, 11 46 17.6 +0.8, OHAK, Old Harbor, 2.92 180 Pn, IAML, 11 46 15.1 -2.9, OHAK, Old Harbor, 2.92 180 IAML, 11 46 51.0, OHAK, Old Harbor, 2.92 180 P, Pn, 11 46 15.1 -2.9, SML, Sawmill, 2.94 53 IAML, 11 46 53.7, SML, Sawmill, 2.94 53 IAML, 11 46 54.4, SML, Sawmill, 2.94 53 P, Pn, 11 46 17.0 -1.3, P23K, Montague Isian, 2.95 90 P, Pn, 11 46 18.3 -0.1, P23K, Montague Isian, 2.95 90 S, Sn, 11 46 53.6 -0.9, R17K, Ugashik Creek, 2.97 214 P, Pn, 11 46 17.6 -1.1, M23K, Glacier View, 3.18 56 P, Pn, 11 46 20.1 -1.2, K20K, Telida, 3.26 354 P, Pn, 11 46 22.4 +0.2, K20K, Telida, 3.26 354 P, Pn, 11 46 21.9 -0.3, CAST, Castle Rocks, 3.35 9 Pn, Pn, 11 46 23.4 -0.1, CAST, Castle Rocks, 3.35 9 P, Pn, 11 46 23.3 -0.1, SCM, Sheep Creek Mo, 3.37 57 IAML, 11 46 22.7 -1.1, SCM, Sheep Creek Mo, 3.37 57 IAML, 11 47 05.2, SCM, Sheep Creek Mo, 3.37 57 IAML, 11 47 05.5, SCM, Sheep Creek Mo, 3.37 57 P, Pn, 11 46 22.7 -1.1, R16K, Pilot Point, 3.40 223 P, Pn, 11 46 23.0 -1.1, WAT1, Susitna Watana, 3.53 38 P, Pn, 11 46 25.1 -0.7, Q23K, Middleton Isla, 3.58 98 P, Pn, 11 46 25.3 -1.0, MID, Middleton Isla, 3.58 98 Pn, IAML, 11 46 26.2 -0.2, MID, Middleton Isla, 3.58 98 IAML, 11 47 18.1, MID, Middleton Isla, 3.58 98 IAML, 11 49 00.2, KTH, Kantishna Hill, 3.61 17 Pn, 11 46 26.4 -0.5, KTH, Kantishna Hill, 3.61 17 IAML, 11 47 13.0, TRF, Thorofare Moun, 3.62 22 Pn, 11 46 26.9 -0.2, TRF, Thorofare Moun, 3.62 22 IAML, 11 47 12.4, TRF, Thorofare Moun, 3.62 22 IAML, 11 47 12.8, TRF, Thorofare Moun, 3.62 22 P, Pn, 11 46 27.2 +0.1, EYAK, Cordova Ski Ar, 3.77 80 P, Pn, 11 46 28.5 -0.4, EYAK, Cordova Ski Ar, 3.77 80 P, Pn, 11 46 28.5 -0.4, EYAK, Cordova Ski Ar, 3.77 80 S, Sn, 11 47 12.5 -0.7, CHUM, Lake Minchuminc, 3.79 7 P, Pn, 11 46 28.9 -0.2, CHUM, Lake Minchuminc, 3.79 7 P, Pn, 11 46 28.9 -0.2, DIV, Divide, 3.84 72 P, Pn, 11 46 28.8 -1.0, KLU, Klutina, 3.86 66 P, Pn, 11 46 29.3 -0.5, KLU, Klutina, 3.86 66 P, Pn, 11 46 28.9 -1.1, RND, Reindeer, 3.90 31 Pn, IAML, 11 46 30.3 -0.4, RND, Reindeer, 3.90 31 IAML, 11 47 17.5, RND, Reindeer, 3.90 31 IAML, 11 47 20.7, M24K, Tolsona, Glenn, 3.98 57 P, Pn, 11 46 31.1 -0.5, M24K, Tolsona, Glenn, 3.98 57 S, Sn, 11 47 18.6 +0.3, BPAW, Bear Paw Mtn, 4.13 14 P, Pn, 11 46 32.3 -1.2, BPAW, Bear Paw Mtn, 4.13 14 P, Pn, 11 46 32.6 -0.9, MCK, McKinley, 4.16 28 P, Pn, 11 46 33.6 -0.3, BWN, Browne, 4.43 22 IAML, 11 47 34.6, BWN, Browne, 4.43 22 IAML, 11 47 54.6, N25K, Chitina, Valde, 4.50 67 IAML, 11 47 31.0, N25K, Chitina, Valde, 4.50 67 IAML, 11 47 32.7, N25K, Chitina, Valde, 4.50 67 P, Pn, 11 46 38.8 +0.3, HARP, HAARP, 4.54 56 P, Pn, 11 46 38.6 -0.3, HARP, HAARP, 4.54 56 S, Sn, 11 47 31.4 +0.1, PAX, Paxson, 4.70 49 P, Pn, 11 46 40.8 -0.2, GLB, Gilahina Butte, 4.83 70 IAML, 11 46 42.2 -0.6, GLB, Gilahina Butte, 4.83 70 IAML, 11 47 39.0, GLB, Gilahina Butte, 4.83 70 IAML, 11 47 44.7, NEA2, Nenana, 4.89 22 Pn, 11 46 42.5 -1.0, NEA2, Nenana, 4.89 22 IAML, 11 47 39.7, NEA2, Nenana, 4.89 22 P, Pn, 11 46 42.6 -0.9, NEA2, Nenana, 4.89 22 P, Pn, 11 46 42.6 -0.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GCSEA Galena City Sc, VRDI Verde Repeater, WRH Wood River Hill, MLY Manley, I21K Tanana, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ITAL Pital, RYLA Villa Bonita, IROES Siquieres, LCOCCO El Coco, BATAN Batan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBO Warramunga Arr, WBA2 Warramunga Arr, WRA Warramunga Arr, etc.

WEL 30 11:57:13.5, 38.9S, 0.8, 17.6E, h10km, 1km, M3.4/32, ML3.7/32, MLv3.4/32, Error ellipse: s-maj=0.0km

NOU 30 11:57:14.9, 38.84S, 175.67E, h0km, MLv3.7/10, North Island, New Zealand

ISC 30 11:57:14.4, 0.0, 38.90S, 0.02, 175.66E, 0.02, h7km, 7km, n144, 0.8/88/149, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KATZ Kakaramea, RAITZ Rangitukia, RITZ Rihia Road, etc.

NEIC 30 11:56:49.4, 1.1, 18.87N, 0.09, 145.16E, 0.2, h191km, 11km, mb4.2/17, Error ellipse: s-maj=21.3km s-min=12.3km

IDC 30 11:56:50.6, 2.1, 18.86N, 145.80E, h218km, 20km, mb3.0/5, mbmp3.9/9, Error ellipse: s-maj=38.9km s-min=12.2km

ISC 30 11:56:50.8, 0.8, 18.89N, 0.06, 145.5E, 0.2, h214km, n31, 0.126/33, mb4.0/11, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Gumbo, GUMO Gumbo, GUMO Gumbo, etc.

INET 30 11:53:52.3, 2.1, 11.03N, 83.59W, h15km, 10km, MW3.0

UCR 30 11:53:53.6, 1.7, 10.97N, 83.76W, h11km, 7km, MW3.7

ISC 30 11:53:50.1, 3.1, 11.04N, 0.03, 83.66W, 0.04, h4km, 10km, n91, 0.48/121, 10C-8D, Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TRT1 Tortuguero, RIF0 Rio Frio, COVE Coope Vega, etc.

30d 13h

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

SOME 30 11:58:02.9, 42°52'N, 70°07'E, h0km, NNC 30 11:58:03.7, 42°52'N, 70°07'E, h0km, mb2.8, mpv2.5, Error ellipse: s-maj=15.2km s-min=4.6km az=107.0

KRNET 30 11:58:04.2, 0.1, 42°56'N, 69°35'E, h30km, mb2.5, ISC 30 11:58:03.5, 2.1, 42°50'N, 0.04°69'35"E, 0.1, h1km, n22, +1819/33, 20C-10, Central Kazakhan

Main station list table for 30d 13h, including stations like IUG, KK07, KK08, etc.

2017 MAR

Main station list table for 2017 MAR, including stations like VICA, RVSTA, HAYA, etc.

PTPM eS Sn 1764

Main station list table for PTPM, including stations like DSN 30, OMAN 30, ISC 30, WRA, etc.

1765

MKAN Makanchi Array 69.04 324 P P 13 16 12.5 0.0
0.4nm, 0.7s, baz=116, slow=7.1, SNR=3.5
0.4nm, 0.7s

IDC 30 13:08:37.1:582.0,5679N,30:63E, h0km, Error ellipse:
s-maj=213.0km s-min=81.2km az=87.0, Baitic
States-Belarus-Northwestern Russia

Code Station Name Az AZ Phase ID Op ISC Time Res
H43RU DUBNA INFRASON 3.63 88 I S 13 32 20.0
0.3nm, 0.5s, baz=275, slow=312, SNR=1.6

KRNET 30 13:12:14.7, 43:73N, 69:72E
SOME 30 13:12:14.7, 43:73N, 69:72E
NINC 30 13:12:16.1, 0.9, 43:72N, 69:76E, h0km, mb3.6, mpv3.1,

Code Station Name Az AZ Phase ID Op ISC Time Res
KK09 Karatay Array 0.86 143 I P S 13 12 31.6 +0.4
KK09 Karatay Array 0.87 145 I P S 13 12 31.7 -0.5

IDC 30 13:13:06.7-0.3, 55:57S, 26:93W, h0km, mb5.1/27,
mbtmp5.1/28, ML4.6/1, MS4.7/39, Error ellipse:
s-maj=14.3km s-min=9.8km az=46.0

BUI 30 13:13:07.1-0.0, 55:58S, 27:20W, h10km, mb5.5/12,
Ms5.3/24, Ms7.5/0/24
MOS 30 13:13:07.5-1.0, 55:70S, 27:10W, h13km, mb5.6/12, Error

GCMT 30 13:13:13.6:0.2, 55:78S:0.1:26:94W:0:02, h12km,
MW5.3/16, Moment Tensor Solution: s54, c69,
s116, c162, Duration: f1 Moment tensor: Scale 1017

IDC 30 13:13:10.2-0.2, 55:72S:0.05:27:06W:0.05, h25km, n566,
c1920/603, mb5.471, MS4.9/57, 13C-6D, South Sandwich
Islands region

Code Station Name Az AZ Phase ID Op ISC Time Res
HOPE Hope Point 5.61 281 P Pn 13 14 32.1 +0.2
HOPE Hope Point 5.61 281 P Pn 13 14 32.1 +0.2

2017 MAR

BELA Belgrano 22.41 184 P P 13 18 05.5 -0.9
NVL N'azarevskaya 22.50 147 eP S 13 18 07.2 -0.2
NVL 13 12 11.1 -1.4

USHA comp=E, 1.1um, 10.1s 23.34 255 P P 13 18 15.3 -0.8
comp=E, 2.8nm, 0.5s, baz=123, slow=0.8, SNR=11

Code Station Name Az AZ Phase ID Op ISC Time Res
MG02 Cerro Sombrero 24.53 259 P P 13 18 26.0 -1.4
MG03 Isla Dawson 24.80 256 P P 13 18 28.7 -1.1

TRQA Torquist 29.26 292 P P 13 19 09.4 -0.7
TRQA comp=Z, 56nm, 1.0s 29.26 292 P P 13 19 09.4 -0.7

Code Station Name Az AZ Phase ID Op ISC Time Res
TRQA Torquist 29.26 292 P P 13 19 09.4 -0.7
TRQA comp=Z, 57nm, 1.0s 29.26 292 P P 13 19 09.5 -0.5

PLCA Paso Flores 32.01 279 P P 13 19 33.6 -0.8
PLCA comp=Z, 3.7nm, 0.8s, baz=137, slow=1.1, SNR=5.0

Code Station Name Az AZ Phase ID Op ISC Time Res
PLCA Paso Flores 32.01 279 P P 13 19 33.6 -0.8
PLCA comp=Z, 1.9nm, 1.0s, baz=83, slow=1.0, SNR=1.9

CPUP comp=Z, 5.5nm, 0.9s, baz=179, slow=5.7, SNR=3.5
CPUP comp=Z, 1.1nm, 1.0s, baz=123, slow=4.0, SNR=7.1

CPUP comp=Z, 654nm, 18.1s, baz=156, slow=40
CPUP comp=Z, 2.6nm, 0.8s, baz=156, slow=40

CPUP Villa Florida 36.65 311 P P 13 20 13.9 -0.6
CPUP Villa Florida 36.65 311 eP P 13 20 15.2 +0.7

MT02 Curacao 37.75 288 P P 13 20 22.4 -1.4
MT02 comp=Z, 38nm, 0.8s 37.75 288 P P 13 20 22.6 -1.9

ROC1 El Roble 37.90 288 P P 13 20 45.4 0.0
ROC1 comp=Z, 42nm, 0.7s 37.90 288 P P 13 20 46.0 0.0

TICA Tres Islas 37.95 307 eP P 13 20 27.6 +2.1
BB19 Beddeduro 38.15 326 eP P 13 20 28.7 +1.4

DIAM Diamantina, MG 39.43 335 eP P 13 20 31.9 +0.9
CO01 Juntas del Tor 39.76 292 P P 13 20 40.3 -0.7

MAW Mawson 40.37 144 P P 13 20 46.3 +0.7
MAW comp=Z, 39nm, 0.8s, baz=238, slow=8.1, SNR=17

MAW Sutherland 40.49 75 LR LR 13 33 31.8
MAW comp=Z, 2.1nm, 1.0s, baz=271, slow=8.2, SNR=3.6

MAW Mawson 40.37 144 P P 13 20 46.7 +1.4
MAW Mawson 40.37 144 P P 13 20 46.7 +1.4

SUR Sutherland 40.49 75 LR LR 13 33 31.8
SUR comp=Z, 10.0nm, 0.9s 40.49 75 LR LR 13 33 31.8

MURT Porto Murinho 40.90 314 eP P 13 20 50.2 0.0
IPMB Ipaneri, GO 40.95 328 eP P 13 20 52.0 +1.2

AC04 Aequidauano 41.21 317 eP P 13 20 57.1 +0.5
AC04 comp=Z, 72nm, 1.3s 41.21 317 eP P 13 20 52.9 +0.2

RVDE Rio Verde (Bra 42.24 319 eP P 13 21 01.8 +0.6
JANB Januaria 42.70 335 eP P 13 21 05.9 +0.9

BDFB Brasilia 43.11 330 P P 13 21 09.2 +0.8
BDFB comp=Z, 9.6nm, 0.8s, baz=149, slow=4.4, SNR=8.6

BDFB Brasilia 43.11 330 eP P 13 21 10.2 +1.8
GO02 Mina Guanaco 43.40 297 P P 13 21 11.6 +0.6

LVC Limon Verde 45.20 300 P P 13 21 27.0 +1.6
LVC comp=Z, 1.9nm, 1.0s, baz=214, slow=3.8, SNR=2.1

LVC Limon Verde 45.20 300 P P 13 21 25.4 0.0
LVC comp=Z, 4.61nm, 18.1s, baz=158, slow=41

LVC Limon Verde 45.20 300 eP P 13 21 27.1 +1.8
LVC Limon Verde 45.20 300 eP P 13 21 27.4 +0.9

BOSA Boshof 45.82 76 P P 13 21 29.6 -0.5
BOSA comp=Z, 59nm, 1.1s, baz=216, slow=7.9, SNR=38

BOSA Boshof 45.82 76 P P 13 21 29.5 -0.5
PB09 IPOC Station P 46.05 300 P P 13 21 31.6 -0.3

BOSA Boshof 45.82 76 P P 13 21 31.2 +1.0
PB03 IPOC Station P 46.09 299 I Amb I Amb 13 21 41.7

BOSA Boshof 45.82 76 P P 13 21 29.5 -0.5
PB09 IPOC Station P 46.05 300 P P 13 21 31.6 -0.3

VNDA Vanda 46.91 183 P P 13 21 39.1 +1.3
VNDA comp=Z, 555nm, 21.9s, baz=160, slow=34

VNDA Vanda 46.91 183 P P 13 21 39.1 +1.3
VNDA comp=Z, 41nm, 0.8s 46.91 183 P P 13 21 42.5 0.0

PTLB Pontes e Lacer 47.11 316 eP P 13 21 39.6 -0.4
PTLB Pontes e Lacer 47.11 316 eP P 13 21 41.0 +1.0

SIV San Ignacio 47.40 313 P P 13 21 42.7 +0.4
SIV comp=Z, 1.6nm, 0.8s, baz=144, slow=7.7, SNR=24

SIV San Ignacio 47.40 313 P P 13 21 42.7 +0.4
SIV comp=Z, 13nm, 1.0s, baz=139, slow=3.5, SNR=12

SNDB Serra Nova Dou 47.56 327 eP P 13 21 45.0 +1.4
H1052 ASCENSION HYDR47.66 17 T T 14 13 11.2

H1053 ASCENSION HYDR47.67 17 T T 14 13 11.5
GO01 Chusquea 47.83 301 P P 13 21 46.9 +0.7

GO01 Chusquea 47.83 301 P P 13 21 46.9 +0.7
PB11 IPOC Station P 47.98 301 P P 13 21 46.8 -0.1

GO01 Chusquea 47.83 301 P P 13 21 46.9 +0.7
PB11 IPOC Station P 47.98 301 P P 13 21 46.8 -0.1

GO01 Chusquea 47.83 301 P P 13 21 46.9 +0.7
PB11 IPOC Station P 47.98 301 P P 13 21 46.8 -0.1

30d 13h

MURT Porto Murinho 40.90 314 eP P 13 20 50.2 0.0
IPMB Ipaneri, GO 40.95 328 eP P 13 20 52.0 +1.2

AC04 Aequidauano 41.21 317 eP P 13 20 57.1 +0.5
AC04 comp=Z, 72nm, 1.3s 41.21 317 eP P 13 20 52.9 +0.2

RVDE Rio Verde (Bra 42.24 319 eP P 13 21 01.8 +0.6
JANB Januaria 42.70 335 eP P 13 21 05.9 +0.9

BDFB Brasilia 43.11 330 P P 13 21 09.2 +0.8
BDFB comp=Z, 9.6nm, 0.8s, baz=149, slow=4.4, SNR=8.6

BDFB Brasilia 43.11 330 eP P 13 21 10.2 +1.8
GO02 Mina Guanaco 43.40 297 P P 13 21 11.6 +0.6

LVC Limon Verde 45.20 300 P P 13 21 27.0 +1.6
LVC comp=Z, 1.9nm, 1.0s, baz=214, slow=3.8, SNR=2.1

LVC Limon Verde 45.20 300 P P 13 21 25.4 0.0
LVC comp=Z, 4.61nm, 18.1s, baz=158, slow=41

LVC Limon Verde 45.20 300 eP P 13 21 27.1 +1.8
LVC Limon Verde 45.20 300 eP P 13 21 27.4 +0.9

BOSA Boshof 45.82 76 P P 13 21 29.6 -0.5
BOSA comp=Z, 59nm, 1.1s, baz=216, slow=7.9, SNR=38

BOSA Boshof 45.82 76 P P 13 21 29.5 -0.5
PB09 IPOC Station P 46.05 300 P P 13 21 31.6 -0.3

BOSA Boshof 45.82 76 P P 13 21 31.2 +1.0
PB03 IPOC Station P 46.09 299 I Amb I Amb 13 21 41.7

BOSA Boshof 45.82 76 P P 13 21 29.5 -0.5
PB09 IPOC Station P 46.05 300 P P 13 21 31.6 -0.3

VNDA Vanda 46.91 183 P P 13 21 39.1 +1.3
VNDA comp=Z, 555nm, 21.9s, baz=160, slow=34

VNDA Vanda 46.91 183 P P 13 21 39.1 +1.3
VNDA comp=Z, 41nm, 0.8s 46.91 183 P P 13 21 42.5 0.0

PTLB Pontes e Lacer 47.11 316 eP P 13 21 39.6 -0.4
PTLB Pontes e Lacer 47.11 316 eP P 13 21 41.0 +1.0

SIV San Ignacio 47.40 313 P P 13 21 42.7 +0.4
SIV comp=Z, 1.6nm, 0.8s, baz=144, slow=7.7, SNR=24

SIV San Ignacio 47.40 313 P P 13 21 42.7 +0.4
SIV comp=Z, 13nm, 1.0s, baz=139, slow=3.5, SNR=12

SNDB Serra Nova Dou 47.56 327 eP P 13 21 45.0 +1.4
H1052 ASCENSION HYDR47.66 17 T T 14 13 11.2

H1053 ASCENSION HYDR47.67 17 T T 14 13 11.5
GO01 Chusquea 47.83 301 P P 13 21 46.9 +0.7

GO01 Chusquea 47.83 301 P P 13 21 46.9 +0.7
PB11 IPOC Station P 47.98 301 P P 13 21 46.8 -0.1

GO01 Chusquea 47.83 301 P P 13 21 46.9 +0.7
PB11 IPOC Station P 47.98 301 P P 13 21 46.8 -0.1

GO01 Chusquea 47.83 301 P P 13 21 46.9 +0.7
PB11 IPOC Station P 47.98 301 P P 13 21 46.8 -0.1

30d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BOAV, LIC, KIC, TIC, DBIC, etc.

2017 MAR

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PPT2, PPT, RAR, MORF, etc.

1766

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

30d 14h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Santa Maria do, Paso Flores, Dimbokro, Yellowknife Arr, Warramunga Arr.

VAO 30 13:24:59.3, 0.8, 11.06S:74.46W, h10km, mb4.5
NEIC 30 13:25:11.5, 1.9, 10.71S:0.07:73.69W, 0.10, h138km, 9km, mb4.5/10, Error ellipse: s-maj=14.2km s-min=10.0km

az=103.0
IDC 30 13:25:12.3, 0.7, 10.56S:73.50W, h130km, 6km, mb3.7/13, mbtmp4.2/18, Error ellipse: s-maj=16.1km s-min=12.0km

az=71.0
ISC 30 13:25:12.1, 0.4, 10.70S:0.05:73.64W, 0.05, h138km, n78, s164/85, mb4.0/15, Central Peru

Main table for 30d 14h section, listing various stations and their parameters. Includes stations like Cruzeiro do Su, Nana, NNA, ATAH, ETMB, etc.

2017 MAR

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, NNC 30 13:28:15.3, 3.5, 37.12N:71.87E, etc.

IDC 30 13:33:09.6, 1.1, 17.28S:172.61W, h0km, mb4.0/7, mbtmp4.0/8, ML3.7/1, Error ellipse: s-maj=45.7km s-min=18.3km az=127.0
ISC 30 13:33:11.6, 0.9, 17.22S:0.1x172.6W, 0.3, h17km, n11, s193/11, mb4.1/8, Tonga Islands region

az=193/11, mb4.1/8, Tonga Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AFi Afiamalu, RAO Raou Island, URZ Urewera, WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, etc.

DDA 30 13:36:34.6, 0.0, 39.11N:29.07E, h7km, 2km, ML1.5, Turkey

Main table for 2017 MAR section, listing various stations and their parameters. Includes stations like Demirci, Demiri, Demir, Gdz, Usak, Karahalli, etc.

1768

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like La Paz, Torodi Arr, Yellowknife Arr, SONGINGO Array, Eielson Array.

JMA 30 14:04:31.0, 0.0, 3.24N:1.1x12.2E, h31km, 1km, MV2.8/11, TAIWAN REGION
TAP 30 14:04:32.5, 24.30N:121.63E, h22km, ML3.5, B
ISC 30 14:04:32.6, 0.8, 24.28N:121.65E, 0.02, h23km, 4km, n148, c09S/251, 12C-22D, Taiwan

Main table for 1768 section, listing various stations and their parameters. Includes stations like Heping Village, NINGANCHIAO, NACB, NACB, ETL, ENA, etc.

EGFH	Guangfu	0.65 198	eP	Pb	14 04 43.8	-1.4	
EGFH	baz=196		eS	Pb	14 04 53.9	+0.1	
LIOB	Emei	0.68 302	iP	Pn	14 04 50.0	-0.8	
LIOB	baz=302		S	Sn	14 04 55.3	-1.5	
NJD	Zhudong	0.68 311	P	Pn	14 04 45.9	-0.9	
NJD	baz=312		eS	Sn	14 04 55.7	-1.1	
NSTT	Nanjiang	0.68 300	iP	Pn	14 04 45.9	-0.9	
NSTT	baz=301		iS	Pb	14 04 54.2	-0.7	
NHHD	Xindian Distri	0.69 351	eP	Pb	14 04 45.9	0.0	
NHHD	baz=347		S	Sb	14 04 55.0	+0.1	
WPL	Puli Township	0.69 247	eP	Pn	14 04 45.9	-1.0	
WPL	baz=245		eS	Sb	14 04 54.9	-0.2	
TWA	Mucha	0.70 355	eP	Pn	14 04 46.3	-0.7	
TWA	baz=4.0		S	Sb	14 04 55.4	+0.2	
TIPB	Shuangxi	0.70 13	eP	Pb	14 04 45.9	-0.3	
TIPB	baz=8.0		eS	Pb	14 04 54.7	-0.8	
VWDT	VWDT	0.70 221	iP	Pn	14 04 46.1	-1.0	
VWDT	baz=224		eS	Sn	14 04 56.4	-0.8	
TATO	Taipei	0.70 348	P	Pn	14 04 46.4	-0.7	
TATO	Taipei	0.70 348	P	Pn	14 04 46.5	-0.7	
DPDB	Guoxing	0.71 249	P	Pn	14 04 46.5	-0.7	
DPDB	baz=248		S	Sn	14 04 55.9	-1.6	
WCS	Beigang Elemen	0.71 252	P	Pn	14 04 46.3	-0.9	
WCS	baz=250		eS	Sb	14 04 55.4	-0.3	
BACT	New Taipei Cit	0.73 345	P	Pn	14 04 47.6	0.0	
BACT	baz=351		eS	Sn	14 04 57.2	-0.8	
HSN1	Hsinchu	0.76 311	P	Pn	14 04 47.3	-0.5	
HSN1	baz=311		eS	Sn	14 04 57.9	-0.7	
TAP	Taipei	0.76 350	eP	Pn	14 04 47.4	+0.6	
TAP	baz=352		eS	Sn	14 04 58.0	-0.7	
NTY	Taoyuan	0.78 336	P	Pn	14 04 48.3	+0.1	
NTY	baz=335		eS	Sn	14 04 58.6	-0.6	
TWB1	Santiao Chiao	0.78 23	eP	Pb	14 04 47.3	-0.3	
TWB1	baz=25		eS	Sb	14 04 57.4	-0.4	
SBCB	Hsinchu	0.79 310	P	Pn	14 04 48.3	0.0	
SBCB	baz=310		S	Sn	14 05 00.7	+1.3	
WFSB	Wu-fen Shan	0.79 9	P	Pn	14 04 47.9	-0.5	
WFSB	baz=10.0		eS	Sb	14 04 57.3	-0.7	
SMLT	Sun Moon Lake	0.79 240	P	Pn	14 04 48.0	-0.5	
SMLT	baz=232		eS	Sn	14 04 58.5	-1.2	
NCUH	Zhongli	0.80 328	eP	Pn	14 04 48.3	-0.2	
NCUH	baz=329		eS	Pb	14 04 59.7	0.0	
NCU	National Centr	0.80 328	P	Pn	14 04 48.4	-0.1	
NCU	baz=329		eS	Sn	14 04 59.7	0.0	
TWQ1	Liyutan	0.80 275	iP	Pn	14 04 48.6	+0.1	
TWQ1	baz=274		eS	Sn	14 04 59.2	-0.6	
SSLB	Suanglung	0.81 232	P	Pn	14 04 47.8	-0.8	
SSLB	Suanglung	0.81 232	P	Pn	14 04 47.7	-0.9	
SSLB	baz=230		eS	Sn	14 04 58.7	-1.2	
HSN	Hsinchu	0.81 310	eP	Pn	14 04 48.4	-0.1	
HSN	baz=314		S	Sn	14 05 00.6	+0.8	
HGSD	Ruisui	0.81 195	eP	Pb	14 04 46.2	-1.9	
TYC	Yuchi	0.82 243	eP	Pn	14 04 48.1	-0.6	
TYC	baz=241		eS	Sn	14 04 59.6	-0.4	
NSY	Sanyi	0.82 279	iP	Pn	14 04 49.3	+0.5	
NSY	baz=279		eS	Sn	14 04 60.0	-0.2	
NHL	Miaoili	0.82 288	eP	Pb	14 04 49.1	+0.3	
NHL	baz=293		eP	Pb	14 04 46.3	-2.1	
EHY	Hungye	0.83 201	eP	Sn	14 05 00.1	-0.4	
SHX1	Grass Mountain	0.83 14	iP	Pb	14 04 48.4	0.0	
SHX1	baz=359		S	Sb	14 04 59.2	0.0	
TWS1	Kuangyinshan	0.84 346	P	Pn	14 04 49.1	+0.1	
TWS1	baz=355		S	Sn	14 05 01.1	+0.4	
YM01	YM01	0.86 355	eP	Pb	14 04 48.5	-0.4	
YM01	baz=345		eS	Sb	14 05 00.4	+0.4	
NTST	Danshui	0.90 348	eP	Pn	14 04 49.4	-0.3	
NTST	baz=261		iS	Sn	14 05 02.6	+0.6	
TCU	Taichung	0.90 261	eP	eS	Sn	14 04 51.0	+1.2
ANP	Anpu	0.91 353	eP	Pb	14 04 49.4	-0.3	
ANP	baz=354		eS	Sb	14 05 01.6	+0.2	
WDJ	Dajia District	0.92 274	P	Pn	14 04 51.3	+1.2	
WDJ	baz=274		eS	Sn	14 05 04.2	+1.5	
WHYT	Xinyi Township	0.93 231	eP	Pn	14 04 50.4	0.0	
WHYT	baz=226		eS	Sn	14 05 03.0	-0.1	
YULB	Yu-li	0.94 200	P	Pn	14 04 50.1	-0.4	
YULB	baz=198		eS	Pb	14 04 57.8	-2.5	
YULB	baz=198		eS	Sb	14 05 01.3	-1.1	
WJS	Zhushan	0.96 242	P	Pn	14 04 51.7	+1.0	
WJS	baz=239		eS	Sn	14 05 04.9	+1.3	
WNT	Mingjing	0.97 246	P	Pn	14 04 52.1	+1.3	
WNT	baz=244		eS	Sn	14 05 06.9	+3.0	
EYUL	Yuli	0.98 198	eP	Pn	14 04 50.7	-0.2	
EYUL	baz=196		eS	Pb	14 05 05.0	+0.9	
TYW	Chenhua	0.99 357	eP	Pn	14 04 51.5	+0.5	
TYW	baz=348		eS	Sb	14 05 03.5	-0.1	

WCHH	Zhanghua	1.02 259	iP	Pb	14 04 52.7	+1.2
WCHH	baz=258		S	Sn	14 05 06.9	+1.9
YUS	Yu-Shan	1.02 219	eP	Pn	14 04 51.6	-0.3
YUS	baz=226		eS	Pb	14 05 06.1	+0.4
ALS	Alshan	1.09 225	P	Pb	14 04 53.1	+0.2
ALS	baz=210		eS	Sn	14 05 08.1	+0.8
CHNS	Tsaling	1.12 233	eP	Pb	14 04 54.4	+1.0
CHNS	baz=231		eS	Sn	14 05 09.8	+2.1
FULB	Fuli	1.13 197	eP	Pn	14 04 52.1	-0.9
FULB	baz=195		eS	Sn	14 05 08.4	+0.6
WDLH	Douliu	1.18 240	P	Pb	14 04 55.3	+1.0
WDLH	baz=251		eS	Sb	14 05 11.6	+2.6
JYNG	Yongunijimaku	1.19 82	P	Pb	14 04 54.4	-0.1
JYNG	baz=192		eS	Pb	14 05 10.8	+1.2
EHD	Haidun	1.20 200	eP	Pn	14 04 52.5	-1.5
EHD	baz=198		eS	Pb	14 05 09.2	-0.6
WRL	Guolierlin Hig	1.22 252	eP	Pb	14 04 55.3	+0.2
WRL	baz=264		eS	Sb	14 05 11.9	+1.6
ELDTW	Lidau	1.23 208	eP	Pn	14 04 52.8	-1.8
YOJ	Yongunijima	1.25 82	P	Pb	14 04 55.4	-0.2
YOJ	Yongunijima	1.25 82	P	Pb	14 04 55.4	-0.2
YOJ	Yongunijima	1.25 82	P	Pb	14 04 54.6	-0.1
YOJ	Yongunijima	1.25 82	eP	Sb	14 05 11.9	+0.7
WCKO	Fanlu	1.27 229	eP	Pb	14 04 56.1	+0.2
WCKO	baz=242		eS	Sb	14 05 14.1	+2.2
CHN2	Minshiang	1.31 235	eP	Pb	14 04 57.6	+1.2
WTCT	Ta-ch'eng	1.32 252	eP	Pb	14 04 56.9	+0.3
WTCT	baz=264		eS	Pb	14 05 14.9	+1.8
CHN4	Tsashan	1.34 226	eP	Pb	14 04 57.8	+0.8
EDH	Donghe	1.34 194	eP	Pn	14 04 55.0	-1.0
EDH	baz=192		eS	Sb	14 05 13.0	-0.8
TPUB	Ta-pu	1.35 224	P	Pb	14 04 57.8	+0.5
TPUB	Ta-pu	1.35 224	P	Pb	14 04 57.6	+0.3
TPUB	Ta-pu	1.35 224	P	Pb	14 04 57.8	+0.5
TPUB	Ta-pu	1.35 224	P	Pb	14 04 57.6	+0.3
CHY	Chiayi	1.37 235	eP	Sb	14 05 17.2	+2.1
CHY	baz=234		eS	Sb	14 05 17.2	+2.1
STYH	Taoyuan	1.37 216	eP	Pb	14 04 57.1	-0.4
STYH	baz=234		eP	Pb	14 04 58.2	+0.1
WTP	Ta-pu	1.40 223	eP	Pb	14 04 58.2	+0.1
LONT	Longtian	1.45 199	eP	Pn	14 04 55.9	-1.5
WSF	Szu	1.46 244	eP	Pb	14 04 56.6	-0.4
WSF	baz=257		eS	Sb	14 05 19.0	+1.9
TWK	Hsiinying	1.47 227	eP	Pb	14 04 59.7	+0.4
TWK	baz=225		eS	Sb	14 05 19.4	+1.9
CHN1	Nanshi	1.50 223	eP	Pb	14 05 00.3	+0.6
CHN1	baz=209		eS	Sb	14 05 20.3	+1.9
WSL	Shulin Townsh	1.51 240	eP	Pb	14 04 59.3	-0.5
WSL	baz=252		eS	Pb	14 05 20.1	+1.6
WLG	Pinlang	1.55 200	eP	Pn	14 04 58.2	-0.5
WLG	baz=187		eS	Sn	14 05 17.3	-0.9
TWGB	Beinan	1.55 200	P	Pb	14 05 01.5	+0.9
TWGB	Beinan	1.55 200	eP	Pn	14 04 56.1	-2.7
ICHU	Yijhu	1.56 234	eP	Pb	14 05 01.0	+0.3
ICHU	baz=233		S	Sb	14 05 21.7	+1.8
SLGT	Liugui	1.58 216	eP	Pb	14 05 01.9	+0.8
SLGT	baz=201		eS	Sb	14 05 22.7	+2.0
LDUT	Ludao	1.61 186	eP	Pn	14 04 59.2	-0.4
SCST	Cishan	1.75 218	eP	Pb	14 05 03.5	-0.5
SSD	Sarman	1.79 212	eP	Pb	14 05 03.8	-0.9
ECL	Taimali	1.80 201	eP	Pb	14 05 01.3	-0.8
TSCK	Chigu Township	1.83 232	eP	Pb	14 05 04.1	-1.2
IRIF	Irifomote-Funau	1.90 88	P	Pn	14 05 27.7	+0.9
IRIF	baz=191		eS	Sn	14 05 27.8	+0.9
MASBT	Mashibuluo	1.91 209	eP	Pn	14 05 03.8	+0.1
HATJ	Hateruma jima	1.98 96	eS	Pb	14 05 29.4	+0.6
EAST	Anshuo	2.03 201	eP	Pn	14 04 57.3	-1.5
PNG	Penghu	2.04 250	eP	Pn	14 05 05.6	0.0
PNG	baz=251		eS	Sb	14 05 31.6	-2.5
PHUB	P'eng-hu	2.05 248	eP	Pn	14 05 05.4	-0.3
PHUB	baz=249		eS	Sn	14 05 31.1	+0.6
TAWH	Dawu Township	2.06 200	eP	Pn	14 05 06.0	+0.2
WDGT	Dungli	2.09 241	eP	Pn	14 05 06.8	+0.6
WDGT	baz=253		eS	Sb	14 05 33.8	-1.5
VWUC	VWUC	2.12 290	eP	Pn	14 05 06.3	-0.4
SCZT	Fangliu	2.13 207	eP	Pb	14 05 09.0	-1.4
JKRS	Kuro-shima	2.15 91	P	Pb	14 05 08.0	+0.9
SLIU	Shi	2.20 201	eP	Pb	14 05 09.8	-1.9
LAY	Lan-yu	2.24 182	eP	Pn	14 05 06.9	-1.4
LYUB	Lan-yu	2.27 182	eP	Pn	14 05 06.2	-2.5
JIJ	Ishigaki jima	2.28 88	P	Pn	14 05 09.3	+0.5
VCHM	Gimei	2.30 243	eP	Pn	14 05 09.7	+0.6
SMST	Manzhou Townsh	2.37 199	eP	Pn	14 05 11.3	+1.2
MATB	Ma-tsu	2.42 321	eP	Pn	14 05 09.7	-1.0
PTMZ	Houxiangcun	2.42 289	eP	Pn	14 05 10.4	-0.3
JISG	Ishigakijimahi	2.44 82	P	Pn	14 05 11.1	0.0
JTJ	Tarama	2.80 82	eP	Sn	14 05 15.1	+2.3
KNM	Kimmen	2.94 273	eP	Pn	14 05 19.3	+1.5
XPSS	Dazhi	2.95 334	eP	Pn	14 05 17.6	-0.4
KNMB	Chin-men Tao	2.98 274	eP	Pn	14 05 18.1	-0.3
MHZO	Yesan	2.98 308	eP	Pn	14 05 17.6	-0.8
ZPLA	Ao Xicun	3.58 265	eP	Pn	14 05 26.5	-0.2

IDC 30 14:17:44.2,0.6,55.645:26.93W,h0km,mb4.5/11,
 mbmp4.4,12,ML3.8/1,MS4,1/25,Error ellipse:
 s-maj=23.4km s-min=16.7km az=63.0
 NEIC 30 14:17:45.4,1.7,55.65:0.1:27.0W:0.2,h10km,1km,
 mb4.7/25,Error ellipse: s-maj=22.0km s-min=19.2km
 az=59.0
 ISC 30 14:17:47.8,0.5,55.635:0.09,27.2W:0.1,h25km,n92,
 o091/67,mb4.7/19,MS4,2/28,South Sandwich Islands
 region

Code	Station Name	Δ°	AZ°	Phase ID	Time h m s	Res ISC
HOPE	Hope Point	5.50	280	Pn	14 19 07.7	-0.2
ESPZ	Base Esperanza	16.85	230	Pn	14 21 43.1	-0.4
SNA4	Sanae	19.14	157	P	14 22 07.6	-1.1
SNA4	0.3mm,0.3s,ba=358,slow=1.1,SNR=6.9			LR		
PMSA	Palmer					

BRSE	Bradley Lake S	6.46	43	P	Pn	14 46 32.1 +0.8
SPU	Mount Spurr	7.08	30		Pn	14 46 42.2 +2.5
M19K	Big River Lodg	7.14	19		Pn	14 46 42.4 +1.8
M19K	River Lodg	7.14	19	P	Pn	14 46 42.6 +2.0
SLKM	Skilak Lake	7.17	39		Pn	14 46 43.6 +2.6
L19K	White Mountain	7.32	17		Pn	14 46 44.6 +1.6
L19K	White Mountain	7.32	17		Pn	14 46 45.2 +2.2
O22K	Cooper Landing	7.33	41	Pn	Pn	14 46 45.0 +1.9
M20K	Styx River	7.39	24		Pn	14 46 46.7 +2.7
SUA	Susitna One	7.69	33		Pn	14 46 50.0 +1.8
SUA	Susitna One	7.69	33		Pn	14 46 50.5 +2.3
RC01	Rabbit Creek A	7.74	37		Pn	14 46 50.8 +2.0
L20K	Farewell, AK	7.77	19	P	Pn	14 46 51.2 +2.1
SKT	Skwentna	7.87	28	Pn	Pn	14 46 54.4 +3.8
SKT	Skwentna	7.87	28	Pn	Pn	14 46 53.0 +2.4
P23K	Montague Island	7.98	49	P	Pn	14 46 53.5 +1.5
PWL	Port Wells	8.10	42	Pn	Pn	14 46 55.1 +1.4
PWL	Port Wells	8.10	42	Pn	Pn	14 46 55.6 +1.9
KNK	Knik Glacier	8.42	39	Pn	Pn	14 46 59.3 +1.3
KNK	Knik Glacier	8.42	39	Pn	Pn	14 46 59.5 +1.5
PPLA	Purkeypile	8.49	23	Pn	Pn	14 47 01.8 +2.7
PPLA	Purkeypile	8.49	23	Pn	Pn	14 47 01.5 +2.3
GHO	Glory Hole Cre	8.50	36	Pn	Pn	14 47 01.6 +2.3
K20K	Telida	8.55	16	P	Pn	14 47 02.1 +2.3
K20K	Telida	8.55	16	P	Pn	14 47 01.6 +1.8
SML	Sawmill	8.73	37	Pn	Pn	14 47 03.7 +1.4
SML	Sawmill	8.73	37	Pn	Pn	14 47 03.7 +1.4
EYAK	Cordova Ski Ar	8.97	48	Pn	Pn	14 47 06.7 +1.1
EYAK	Cordova Ski Ar	8.97	48	Pn	Pn	14 47 07.0 +1.4
CAST	Castle Rocks	8.98	22	Pn	Pn	14 47 06.2 +0.5
CAST	Castle Rocks	8.98	22	Pn	Pn	14 47 07.7 +2.0
SCM	Sheep Creek Mo	9.10	39		Pn	14 47 08.3 +0.9
SCM	Sheep Creek Mo	9.10	39		Pn	14 47 08.5 +1.1
DIV	Divide	9.27	45		Pn	14 47 08.5 -1.3
WAT7	Susitna Watana	9.31	31		Pn	14 47 10.9 +0.5
KTH	Kantishna Hill	9.35	24		Pn	14 47 12.8 +1.9
WAT1	Susitna Watana	9.40	32		Pn	14 47 12.2 +0.7
WAT1	Susitna Watana	9.40	32		Pn	14 47 12.2 +0.7
TRF	Thorofore Moun	9.41	26		Pn	14 47 14.1 +2.3
KLU	Klutina	9.42	43		Pn	14 47 11.9 +0.1
KLU	Klutina	9.42	43		Pn	14 47 12.5 +0.7
GCSA	Galena City Sc	9.59	6	P	Pn	14 47 15.4 +1.4
GCSA	Galena City Sc	9.59	6	P	Pn	14 47 15.4 +1.4
M24K	Toisona, Glenn	9.69	40		Pn	14 47 17.2 +1.7
M24K	Toisona, Glenn	9.69	40		Pn	14 47 16.0 +0.5
ANM	Nome	9.79	345		Pn	14 47 17.5 +0.8
ANM	Nome	9.79	345		Pn	14 47 17.5 +0.8
BPAW	Bear Paw Mtn.	9.81	22	Pn	Pn	14 47 18.2 +1.1
MCK	McKinley	10.00	20	Pn	Pn	14 47 20.2 +2.3
N25K	Chitina, Valde	10.01	45		Pn	14 47 20.7 +0.9
SNH	Sunshine Point	10.12	54	Pn	Pn	14 47 21.7 +0.4
GLB	Gilahina Butte	10.24	47	Pn	Pn	14 47 22.9 -0.2
VRDI	Verde Repeater	10.29	48		Pn	14 47 22.4 +0.7
PAX	Paxson	10.50	37		Pn	14 47 27.6 +1.2
MCARA	McCarthy VSAT	10.59	17		Pn	14 47 28.1 +1.1
Z1K	Tanana	10.59	17		Pn	14 47 29.1 +1.4
NEA2	Nenana	10.67	25	Pn	Pn	14 47 28.1 -0.7
MLY	Manley	10.68	20		Pn	14 47 29.6 +0.6
WRH	Wolver River Hill	10.81	27	Pn	Pn	14 47 30.5 -0.3
ADK	Adak	10.82	269		Pn	14 47 32.3 +4.1
H21K	Melozitina River	10.90	15		Pn	14 47 34.3 +2.3
BARN	Barnard Glacier	10.99	51	Pn	Pn	14 47 34.5 +1.1
CCB	Clear Creek Bu	11.03	27		Pn	14 47 31.7 -1.9
HDA	Harding Lake	11.07	29		Pn	14 47 32.2 -2.1
I23K	Minto, Yukon-K	11.07	23		Pn	14 47 34.9 +0.6
NABESA	Nabesna	11.07	43		Pn	14 47 34.9 +1.2
IMAR	Indian Mountai	11.09	12	Pn	Pn	14 47 36.5 +1.9
MENT	Mentasta	11.11	40	Pn	Pn	14 47 35.9 +1.1
TNA	Tin City	11.13	34	Pn	Pn	14 47 36.9 +1.8
MDM	Murphy Dome	11.17	25		Pn	14 47 34.9 -0.8
RIDG	Independent Ri	11.22	35		Pn	14 47 36.0 -0.5
PCA	Pinnacle	11.31	23	Pn	Pn	14 47 38.1 +1.2
IL31	Ilkai	11.37	28		Pn	14 47 37.8 -0.5
ILAR	Eielson Array	11.37	28		Pn	14 47 37.3 -1.1
ILAR	Eielson Array	11.37	28		Pn	14 49 38.8 -5.1
ILAR	Eielson Array	11.37	28	Pn	Pn	14 47 36.6 -1.8
DOT	Dot Lake	11.43	37		Pn	14 47 39.0 -0.1
M27K	Edge Creek, AK	11.43	37		Pn	14 47 39.2 -0.7
BCPM	Bancs Point	11.57	58		Pn	14 47 41.8 +0.5
H23K	Yukon River	11.62	20	Pn	Pn	14 47 41.5 -0.3
SCRK	Sand Creek	11.67	35	Pn	Pn	14 47 42.4 -0.2
L27K	Beaver Creek	11.88	42	Pn	Pn	14 47 44.7 -0.8
BCAR	Beaver Creek A	11.90	42	Pn	Pn	14 47 46.2 +0.5
H24K	Noodin Dome	11.91	23	Pn	Pn	14 47 49.6 +2.8
K27K	Chickens	12.35	38		Pn	14 47 53.1 +1.3
I26K	Coak Creek Min	12.84	32	Pn	Pn	14 47 57.3 -1.0
EGAK	Eagle	13.13	36	Pn	Pn	14 48 02.2 -0.1
SKAG	Skagway	13.61	62	Pn	Pn	14 48 09.6 +0.6
M30M	Minto, Yukon	13.71	49		Pn	14 48 12.7 +2.3
JIS	Junes Island	14.01	67		Pn	14 48 14.9 +0.6
BMAR	Burnt Mountain	14.05	24	Pn	Pn	14 48 15.6 +0.6
FARO	Faro, Yukon	15.12	52	Pn	Pn	14 48 30.5 +1.3
FARO	FARO	14.48	37.8	Iamb	Iamb	14 48 37.8
EPYK	Eagle Plains	15.56	35	P	Pn	14 48 37.9 -0.6
EPYK	Eagle Plains	15.56	35	P	Pn	14 48 42.3
DLBC	Dease Lake	16.30	67	Pn	Pn	14 48 43.8 -0.6
INIK	Inuvik	17.69	32	P	Pn	14 49 01.4 -0.2
INIK	Inuvik	17.69	32	Pn	Pn	14 49 01.2 -0.2
INIK	Inuvik	17.69	32	Pn	Pn	14 49 14.3
YKA	Yellowknife Ar	23.81	54	P	Pn	14 50 08.1 +0.9
PETK	Petrovayovsk	24.91	283	P	Pn	14 50 16.0 -1.3
PDAR	Pinedale Array	34.25	90	P	Pn	14 51 40.6 0.0
H11N2	WAKE ISLAND Hy	43.65	229	T	T	15 39 25.2
H11N3	WAKE ISLAND Hy	43.65	229	T	T	15 39 24.3
H11N1	WAKE ISLAND Hy	43.66	229	T	T	15 39 12.7
H11S1	WAKE ISLAND Hy	44.81	229	T	T	15 40 49.6
H11S2	WAKE ISLAND Hy	44.82	229	T	T	15 40 46.1
H11S3	WAKE ISLAND Hy	44.83	229	T	T	15 40 54.0
MKAR	Makanchi Array	65.83	318	P	Pn	14 55 39.9 +0.2
CMAR	Chiang Mai Arr	81.47	290	P	Pn	14 57 10.9 -0.5
H03N2	Juan Fernandez	111.75	117	T	T	17 04 32.4
H03N1	Juan Fernandez	111.76	117	T	T	17 04 31.8
H03N3	Juan Fernandez	111.76	117	T	T	17 04 32.6

Negros

JMA 30 15:02:33.5;0.3,36°2N:0.5;14°2E, h50km,4km, MV2.6/31, FAR E OFF IBARAKI PREF IDC 30 15:02:34.4;2.4,36°57N:141°66E, h0km,mb3.3/3, mbmp3.3/4,ML2.1/1, Error ellipse: s-maj=48.2km s-min=27.8km az=49.0

ISC 30 15:02:35.0;1.7,36°23N:0.0;6°14.1E:0.1, h26km, m21, e1941/15,mb3.4/3, Near east coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CHOJ	Chosi	0.83	231	P	15 02 50.8 -0.2	Pn
CHOU	Choshi			eS	15 03 03.2 +0.9	Sb
JHYU	Hitachinakayam	0.86	278	P	15 02 52.1 +0.7	Pn
JHO	Hitachi	0.94	294	P	15 02 52.9 +0.1	Pn
JFK	Kawachi	1.29	332	P	15 02 56.8 -0.7	Pn
BSO1	Boso 1	1.67	199	eP	15 03 01.5 -0.6	Pn
JOTO	OTAMA OYAMA	1.69	322	P	15 03 04.0 -1.5	Pn
BSO3	Boso 3	1.70	213	P	15 03 02.1 -0.6	Pn
JMM	Marumori	1.77	338	P	15 03 03.7 -0.2	Pn
JAG	Ashikaga	1.76	277	P	15 03 05.1 -1.9	Pn
JFY	Yano	1.95	308	P	15 03 08.0 -1.9	Pn
JKT	Katashina	2.00	286	P	15 03 09.0 -1.8	Pn
MJAR	Matsushiro Arr	2.79	277	Pn	15 03 18.9 +0.9	Pn
MJAR	Matsushiro Arr	0.3nm,0.3s,baz=89,slow=15,SNR=19		Sb	15 03 56.5 -1.4	Sb
H11N2	WAKE ISLAND Hy	27.58	120	T	15 36 50.8	T
H11N1	WAKE ISLAND Hy	27.59	120	T	15 36 53.1	T
H11N3	WAKE ISLAND Hy	27.60	120	T	15 36 52.0	T
H11S1	WAKE ISLAND Hy	28.27	122	T	15 37 43.5	T
H11S3	WAKE ISLAND Hy	28.27	122	T	15 37 40.7	T
H11S2	WAKE ISLAND Hy	28.29	122	T	15 37 43.5	T
MKAR	Makanchi Array	44.70	303	P	15 10 48.4 +2.5	P
MKAR	Makanchi Array	0.2nm,0.5s,baz=87,slow=1.1,SNR=2.1		P	15 12 18.5 +5.0	P
WRA	Warramunga Arr	56.29	188	P	15 12 18.5 +5.0	P
WRA	Warramunga Arr	0.3nm,0.7s,baz=3.3,slow=7.2,SNR=1.9		P	15 12 45.4 +5.8	P
ASAR	Alice Springs	60.02	188	P	15 12 45.4 +5.8	P
ASAR	Alice Springs	0.1nm,1.2s,baz=0.0,slow=7.6,SNR=1.8		P		
ASAR	Alice Springs	0.9nm,1.2s		P		

IDC 30 15:23:20.9;1.0,21°14N:142°84E, h0km,mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=395.2km s-min=34.2km az=74.0, Mariana Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRA	Warramunga Arr	41.93	192	P	15 31 13.7 +0.2	Pn
WRA	Warramunga Arr	0.3nm,0.5s,baz=12,slow=8.1,SNR=6.1		P		
ASAR	Alice Springs	45.64	191	P	15 31 42.9 -0.5	Pn
ASAR	Alice Springs	0.3nm,0.6s,baz=13,slow=7.7,SNR=1.0		P		
MKAR	Makanchi Array	54.66	313	P	15 32 51.7 0.0	Pn
MKAR	Makanchi Array	0.1nm,0.5s,baz=103,slow=6.4,SNR=1.8		P		
MKAR	Makanchi Array	0.1nm,0.5s		P		

NOU 30 15:35:59.1,37°28S:179°61E, h0km,MLV3.6/7, Off E. Coast of N. Island, NZ

WEL 30 15:36:07.6;0.8,37°54'x17°9'E, h12km,ML2.9/15, ML3.2/23,MLV2.9/15, Error ellipse: s-maj=0.0km s-min=0.0km az=91.1, confirmed

ISC 30 15:36:06.3;2.6,37°34S:0.0;9°179.0E:0.1, h10km, m61, e092/65, Off east coast of North Island

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
MXZ	Matakaoa Point</						

Table with columns: RTZ, comp-Z, 15.48 190, P, P, 15 43 19.8 -0.8, etc. Lists various radio frequencies and call signs.

Table with columns: BBOO Buckleboo, 39.91 246, P, P, 15 46 53.9 0.0, etc. Lists various radio frequencies and call signs.

Table with columns: IKP In-Ko-Pah, Jac, 82.34 50, P, P, 15 51 33.3 +1.3, etc. Lists various radio frequencies and call signs.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and various station identifiers like BBOO, AS31, ASAR, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like IDC 30 15:53:27.0, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like IDC 30 16:01:41.4, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like KMG, KBG, KBTR, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and various station identifiers like EVO, ESO, PALN, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like SEY, KLR, TIXI, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like YKA, MKAR, PDAR, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like GNI, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like IDC 30 16:28:49.1, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like WRA, ASAR, ILAR, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like IDC 30 16:29:12.5, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like NIED 30 16:29:15.7, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like JCSG, JMJJ, JMJJ, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and various station identifiers like JNTH, JTJ, JTJ, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like JNU, JNU, JNU, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like JNU, JNU, JNU, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like JNU, JNU, JNU, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like JNU, JNU, JNU, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like JNU, JNU, JNU, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like JNU, JNU, JNU, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like JNU, JNU, JNU, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like JNU, JNU, JNU, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and station identifiers like JNU, JNU, JNU, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Yukon River, Bradley Lake, Murphy Dome, Elison Array, etc.

NOU 30 16:40:48.9, 40.75S, 174.04E, h101km, MLV3.6/12, Cook Strait, New Zealand
WEL 30 16:40:50.9, 41.1S, 17.4E, h71km, 9km, M3.2/19, m-lin=5/20, MLV3.2/19, Error ellipse: s-maj=0.0km

Main station list table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists numerous stations including DUVWZ, TCW, NNZ, TUWZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Motutapu North, Waiehe Island, Fox Glacier, etc.

MAN 30 16:41:23.4, 14.109N, 120.41E, h102km, mb4.7, ML3.6, MS3.6
IDC 30 16:41:23.2, 0.7, 14.09N, 120.82E, h122km, 7km, mb3.2/6, mbmp3.5/6, Error ellipse: s-maj=36.2km s-min=16.2km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Motutapu North, Waiehe Island, Fox Glacier, etc.

INET 30 16:44:16.1, 0.9, 12.20N, 87.03W, h65km, 5km, MW3.0
SNET 30 16:44:17.0, 0.9, 12.19N, 87.28W, h23km, 6km, ML3.6

INIC 30 16:44:15.2, 6.12N, 10.02W, 87.05W, 0.008, h66km, 25km, n10, 0.05W/18, TD, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like San Cristobal, Matagalpa, Conchagua, etc.

TEH 30 17:16:08.5, 32.97N, 45.94E, h17km, 76km, ML2.5
ISN 30 17:16:08.2, 0.7, 33.01N, 45.95E, h10km, 99km, ML2.3

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Badra, Verano, Mangateitei, etc.

NEIC 30 17:22:46.6, 2.7, 16.01N, 0.03S, 98.41W, 0.04, h10km, 2km, s-min=4.2, Md4.4/33(MEX), Error ellipse: s-maj=6.4km

MEX 30 17:22:48.8, 0.9, 15.93N, 98.42W, h20km, 38km, MD4.4
IDC 30 17:22:52.1, 3.8, 17.00N, 97.62W, h0km, mb3.8/5, mbmp3.8/8, ML3.9/2, MS3.5/4, Error ellipse: s-maj=100.0km s-min=36.3km az=38.0

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like TXAR, JTS, ABTX, ANMO, etc.

ANMO Albuquerque 20.16 341 P P 17 27 22.3 +0.9
ANMO Albuquerque 21.68 347 P Pn 17 27 24.7 +1.5

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

P49A Pinedale Array 26.20 24 P P 17 28 22.3 -0.2
PDAR Pinedale Array 28.29 343 P P 17 28 42.7 +2.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ATAH, SJG, SCHO, YKA, etc.

ILAR Elison Array 58.58 338 P P 17 32 45.6 +2.1
comp=Z, 0.4nm, 0.8s, baz=144, slow=5.7, SNR=6.4

IPEC 30 17:31:23.3, 0.3, 51.44N, 16.29E, h1km, ML2.6/5, Error ellipse: s-maj=2.1km s-min=1.1km az=39.0

PRU 30 17:31:24.7, 0.0, 51.37N, 16.18E, h0km
VIE 30 17:31:24.2, 5.1, 38N, 16.25E, h0km, mb2.3/4, ml2.9/3 6z km WNW of Wrocław Suspected Mining induced.

IS30 17:31:22.4, 0.8, 51.51N, 0.03E, 16.24E, 0.02, h0km, n35, 0.1523/74, Poland

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

GOPC GO Pecny, Ondr 1.84 211 ePn Pn 17 32 56.3 -0.6
PRU Pruhonice 1.86 216 ePn Pn 17 31 55.6 +0.1

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

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like Wood River Hill, Wood River Hill, Wood River Hill, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like ARMA Armidale, ARMA Armidale, ARMA Armidale, etc.

30d 19h

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PKIN Vnda, DMN Daman, GKN Gorkha, etc.

2017 MAR

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BBB Bella Bella, DLBC Dease Lake, INK Inuvik, etc.

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Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like YKA baz=177,slow=22,SNR=2.4, NEIC 30 19:30:14.1, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, FINES FINES Array B.

IDC 30 20:57:36.3±2.5, 381.62N, 142.39E, h0km, mb3.5/2, mbmp3.4/3, ML2.5/1, Error ellipse: s-maj=48.3km s-min=39.1km az=72.0

JMA 30 20:57:46.6±0.1, 38.4N, 141.73E, h0km, MBV3.7/40, KINKAZAN REGION

JMA F111 at KINKAZAN REGION, ISC 30 20:57:46.0±1.2, 38.34N, 141.73E, h0km, h52km, 7km, n24, c0552/32, 21D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JIKH Ishinomakikobu, JOFU Ofunato, JMM Marumori, JOM Ohasama, JYK Kaneyama, JYS Shirataka, JOT OTAMA OYAMA, JRJ Rokugo, JYA Atsumi, MJAR Matsushiro Arr.

KRSC 30 21:08:49.8±0.7, 56.97N, 163.24E, h18km, 6km, M13.9, IDC 30 21:08:50.2±1.1, 56.99N, 162.91E, h0km, mb3.3/6, mbmp3.4/8, ML3.0/2, Error ellipse: s-maj=35.8km s-min=21.2km az=144.0

ISC 30 21:08:51.1±1.6, 56.95N, 163.09E, h0km, 10km, n40, c1929/52, mb3.3/5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KBG Krutoberegovo, KBTR Krutoberegovo, SMKR Semkarok, SRKR Sorokina, KLY Klyuchi, CIRR Tsirk, LGNR Loginova, BZGR Bezymyanni-Gr, BZWR Bezymyanni-We, BZP Bezymyanni-Pe, BZMR Bezymyannaya, BZMR Kirishev, KPT Kopyto, SRDR Sredinnyi, KMNR Kamenistaya, KOZ Kozyrevsk, TUMD Tumrok D, BKI Bering, TIGL Tigil, ESO Esso, PALN Palana, NLC Nalytchevo, KREP Koryakskii, SMAR Somma, KOK Koryaka, UGLR Uglyovaya, PETK Petropavlovsk, GRG Gorelyy, MTRV Mutnovka, ASAJ Asahikawa, TIXI Tiksi, ILAR Eielson Array, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, YKA Yellowknife Ar, MKAR Makanchi Array, PDAR Pinedale Array.

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ASAR Alice Springs 83.99 207 P 21 21 21.0 -0.7

0.1nm, 0.3s, baz=14, slow=4.8, SNR=1.6
0.1nm, 0.3s

FUNUV 30 21:15:41.8, 11.75N, 70.45W, h29km, MW3.7
ISC 30 21:15:37.9±1.2, 11.74N, 0.06, 70.47W, 0.03, h10km, n34, c23/57, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AUA1 Aruba, SIQV Siquisique, URIC Uribia, JACV Jacura, CURV Curarigua, MCQV Machiques, MAPV Macapo, TURV Turiamo, BENV Bein, SOCV Socops, BAUV El Baul, SMRC Santa Marta, TACV Tcata, LLIC La Loma, FUNV FUNVISIS, ARGV Ariguani, CAPV Capacho, MERV Las Mercedes, PAMC Pamplona, SJCC San Jacinto, BRRR Barranca, CACV CAICARA DEL OR, BARC Barichara, PCVR Puerto La Cruz, ZARC Zaragoza, RUSC La Rusia, UREC San Jos de Ur, PRGV PARIAGUAN, PTBC PUERTO BERRIO, SPBC San Pablo de B, HELC Santa Helena, NIRC Norcais, CHIC Chingaza, PRAC Prado.

IDC 30 21:24:50.1±0.4, 56.73N, 162.80E, h0km, mb4.7/39, mbmp4.8/43, ML4.8/4, MS4.2/84, Error ellipse: s-maj=11.1km s-min=8.7km az=161.0

KRSC 30 21:24:51.0±1.1, 56.90N, 163.23E, h46km, 14km, Mc6.3, M15.5

NEIC 30 21:24:51.8±1.2, 56.75N, 162.76E, h0.1, h10km, 1km, mb5.2/649, Error ellipse: s-maj=11.1km s-min=5.6km az=246.0

GCMT 30 21:24:54.9±0.2, 57.00N, 162.16E, h21km, MW5.1/108, Moment Tensor Solution. s49,c65; s108,c171; Duration: 0 Moment tensor: Scale: 10¹⁶Nm; Mw=2.5±.09; Mb=0.25±.23; Best double couple: Ms=13500×10¹⁸ Np1,φ=222.00000°,δ49.00000°,λ114.00000°, NP2,φ=8.00000°,δ46.00000°,λ65.00000°

Principal axes: T: 4.750°, P: 72.000°, Azm: 200.000°, N: 0.6990, Plg: 18.000°, Azm: 26.0000°, P: -5.4850, Plg: 2.000°, Azm: 296.0000°, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BUI 30 21:24:54.6±0.0, 56.95N, 162.24E, h34km, mb4.6/60, mb5.0/47, Ms5.1/60, Ms7.4/8/57

MOS 30 21:24:55.0±1.1, 56.87N, 162.76E, h47km, mb5.1/82, MS4.7/27, Error ellipse: s-maj=6.1km s-min=3.1km az=73.6

ISC 30 21:24:54.8±0.4, 56.86N, 162.91E, h0km, h31km, 2km, h31km, P-P, n1180, c1967/1157, m5.1/354, MS4.5/126, 34C-13D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KBG Krutoberegovo, BKI Bering, TIGL Tigil, ESO Esso, PALN Palana, NLC Nalytchevo, KREP Koryakskii, SMAR Somma, KOK Koryaka, UGLR Uglyovaya, PETK Petropavlovsk, GRG Gorelyy, MTRV Mutnovka, ASAJ Asahikawa, TIXI Tiksi, ILAR Eielson Array, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, YKA Yellowknife Ar, MKAR Makanchi Array, PDAR Pinedale Array.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KOZ Kozyrevsk, TUMD Tumrok D, TUMR Tumrok, BKI Bering, BENV Bein, OSSR Oссора, OSSH Oссора, MKZ Mys Kozlova, TIGL Tigil, ESO Esso, PALN Palana, NLC Nalytchevo, GNL Ganaly, KXR Arik, KKR Koryakskii, KRE Koryakskii, SMAR Somma, AVH Avacha, AVK Koryaka, KOK Koryaka, UGLR Uglyovaya, DALK Dalny, DALD Dalny, PET Petropavlovsk, PETK Petropavlovsk, PETP Petropavlovsk, PET comp=Z,2um,2.4s, PET comp=Z,1um,0.6s, PET comp=E,2um,0.6s, PET comp=N,2um,0.9s, PET comp=Z,1um,7.0s, PET comp=Z,16um,7.0s, I44RU PETROPALVOSK-4.80 221 I, PEAOB Petropavlovsk-4.81 221 Pn, PETK Petropavlovsk-4.81 221 Pn, PETK comp=Z,28nm,0.3s, baz=65, slow=16, SNR=281 LR, PETK comp=Z,8um,18.7s, baz=70, slow=45, PETK Petropavlovsk-4.81 221 Pn, KRRM Karymskiy, KRRM Karymskiy, RUS Russkaya, RUS Russkaya, GRG Gorelyy, GRG Gorelyy, APC Apache, APC Apache, MTRV Mutnovka, MTRV Mutnovka, KDTR Khodutka, Kamc, KDTR Khodutka, Kamc, KMSK Kamenskaya, PAU Pauzhetka, MA2 Magadan, MA2 comp=Z,1.6nm,0.3s, baz=98, slow=10, SNR=7.2 LR, MA2 comp=Z,2um,20.3s, baz=118, slow=38, MA2 Magadan, MA2 Magadan, MA2 comp=Z,105nm,1.7s, SKR Severo-Kuril's, SKR comp=Z,29nm,0.3s, SKR comp=Z,300nm,2.1s, SKR comp=E,133nm,0.9s, SKR comp=N,46nm,0.6s, SKR Severo-Kuril's, SKR Shemlya Is, Ala, SHEM comp=N,34nm,0.3s, baz=270, slow=2, SNR=16 Sn, SHEM comp=N,14nm,0.3s, baz=264, slow=23, SNR=9.0 LR, SHEM comp=N,312nm,19.6s, baz=307, slow=19, comp=N,126nm,0.5s, SMY Shemlya, SMY Shemlya, SEY Seymchan, SEY Seymchan, SEY comp=Z,8.0nm,1.0s, BILL Bilibino, BILL Bilibino, BILL comp=Z,29nm,1.3s, BILL comp=Z,7um,11.0s, OKH Okha, OKH OKH, OKH comp=Z,200nm,9.4s, OKH comp=E,300nm,13.4s, OKH comp=N,1um,11.0s, OKH comp=Z,3um,13.0s, KIWB Kanaga Island, ADK Adak, ADK Adak, NKL Nikolayevsk, NKL Nikolayevsk, NKL comp=N,35nm,1.0s, NKL comp=E,71nm,1.0s, NKL comp=Z,98nm,1.0s

K05A K05A comp=Z,28nm,1.2s	Summer Lake	48.59	73	P	P	21 33 36.5 +1.2			
GOMU GOMU comp=Z,5.0nm,0.8s	GeErMu	48.92	275	P	P	21 33 37.3 -0.8			
GOMU GOMU comp=Z,820nm,13.4s									
GOMU GOMU comp=Z,750nm,13.3s									
BMO BMO comp=Z,1.0nm,0.8s	Blue Mountains Blue Mountains	48.95	68	P	P	21 33 39.3 +1.3			
DBG DBG comp=Z,8.9nm,0.9s	Daneborg	49.09	1	P	P	21 33 37.3 -1.2			
M50 M50 comp=Z,31.4,SNR=6.4	Missoula Missoula	49.27	64	P	P	21 33 41.3 +0.9			
FFC FFC comp=Z,12nm,0.9s	Flin Flon Flin Flon	49.29	50	P	P	21 33 40.8 +0.5			
BVAR BVAR comp=Z,2.8nm,1.5s	Borove Array Borove	49.35	307	LR	LR	21 56 40.6			
BRVK BRVK comp=Z,2.8nm,1.5s	Borove	49.38	307	P	P	21 33 40.5 -0.5			
BRVK BRVK comp=Z,7.0nm,0.7s	Borove	49.38	307	P	P	21 33 40.3 -0.7			
J08A J08A comp=Z,35nm,1.3s	Circle Bar Ran Modoc Plateau	49.40	70	P	P	21 33 41.8 +0.3			
FCC FCC comp=Z,25nm,0.7s	Fort Churchill Wild Horse Val	49.55	42	P	P	21 33 47.1			
WVOR WVOR comp=Z,22nm,1.1s	Wild Horse Val	49.97	71	P	P	21 33 46.8 +1.0			
WVOR WVOR comp=Z,22nm,1.1s	Wild Horse Val	49.97	71	P	P	21 33 46.8 +1.0			
SUMG SUMG comp=Z,16nm,0.8s	Summit	50.01	8	P	P	21 33 45.6 -0.4			
ARCES ARCES comp=Z,6.9nm,0.8s,SNR=9.8	ARCES Array B	50.20	342	P	P	21 33 48.1 +1.0			
ARCES ARCES comp=Z,4.4nm,0.8s,baz=54,slow=4.8,SNR=7.2	ARCES	50.20	342	P	P	21 33 47.9 +2.2			
HRV EGMT comp=Z,28nm,0.8s	Holter Researc Eagleton	50.39	63	P	P	21 33 50.2 +1.3			
EGMT EGMT comp=Z,28nm,0.8s	Holter Researc Eagleton	50.47	60	P	P	21 33 50.0 +0.5			
SVE SVE comp=Z,12nm,1.0s	Sverdlouvs	50.66	316	P	P	21 33 51.0 +0.3			
LRM MFD comp=Z,749nm,15.0s	Limekiln Ridge Camas Ranch	50.71	64	P	P	21 33 52.3 +0.8			
DLMT DLMT comp=Z,16nm,0.9s	Dillon	50.97	65	P	P	21 33 54.4 +1.1			
MCMT BOZ comp=Z,30nm,1.1s	McKenzie Canyo Bozeman (W)	51.22	65	P	P	21 33 55.7 +0.4			
HLID HLID comp=Z,315,SNR=9.7	Hailey Hailey	51.34	67	P	P	21 33 56.9 +0.7			
ARU ARU comp=Z,316,SNR=6.2	Hailey	51.34	67	P	P	21 33 57.0 +0.8			
ARU ARU comp=Z,598nm,19.6s	Arti	51.74	317	LR	LR	21 58 26.4			
ILULI ILULI comp=Z,11nm,0.8s	Ilulissat	51.83	15	P	P	21 33 59.6 +0.4			
ILULI ILULI comp=Z,18nm,0.7s	Ilulissat	51.83	15	P	P	21 34 05.2			
ILULI ILULI comp=Z,17nm,0.7s	Ilulissat	51.83	15	P	P	21 33 59.6 +0.4			
ILULI ILULI comp=Z,17nm,0.7s	Ilulissat	51.83	15	P	P	21 33 59.6 -2.2			
QLMT YERR comp=Z,1.9nm,0.8s	Earthquake Lak Greycliff	51.92	64	P	P	21 34 01.4 +0.9			
YERR BMN comp=Z,1.9nm,0.8s	Yerrington Battle Mountai	52.15	72	P	P	21 34 03.0 +1.3			
BMN BMN comp=Z,10.0nm,1.0s	Battle Mountai	52.15	72	P	P	21 34 03.2 +0.9			
CMB CMB comp=Z,7.0nm,1.1s	Columbia Colle Columbia Colle	52.23	76	P	P	21 34 04.5 +1.7			
YMR YMR comp=Z,23nm,0.9s	Madison River	52.27	64	P	P	21 34 05.0 +1.9			
JMIC JMIC comp=Z,109nm,20.6s	Jan Mayen	52.30	356	LR	LR	21 54 21.7			
YNR WAKR comp=Z,25nm,0.9s	Norris Junctio Walker	52.38	64	P	P	21 34 04.6 +0.7			
PZH PZH comp=Z,10.0nm,0.9s	Walker Panzhihua	52.39	75	P	P	21 34 05.5 +1.4			
PZH PZH comp=Z,150nm,5.6s	Walker Panzhihua	52.53	261	S	S	21 41 32.5 +2.6			
PZH PZH comp=Z,720nm,20.0s									
PZH PZH comp=Z,970nm,18.6s									
YMP YMP comp=Z,1.1um,14.5s	Mirror Lake Pl	52.62	64	P	P	21 34 06.8 +1.0			
LKWY LKWY comp=Z,25nm,0.8s	Lake	52.62	64	P	P	21 34 07.2 +1.4			
LKWY LKWY comp=Z,25nm,0.8s	Lake	52.62	64	P	P	21 34 07.2 +1.4			
H17A H17A comp=Z,23nm,0.9s	Grant Village	52.66	64	P	P	21 34 07.9 +1.8			
H17A H17A comp=Z,23nm,0.9s	Grant Village	52.66	64	P	P	21 34 07.9 +1.8			
KVN KVN comp=Z,13nm,0.8s	Kaiserville	52.70	74	P	P	21 34 07.2 +0.9			
KVN KVN comp=Z,13nm,0.8s	Kaiserville	52.70	74	P	P	21 34 07.2 +0.9			
DGMT DGMT comp=Z,27nm,0.8s	Dagmar	52.75	57	P	P	21 34 11.9			
DGMT DGMT comp=Z,316,SNR=8.4	Dagmar	52.75	57	P	P	21 34 07.3 +0.9			
DGMT DGMT comp=Z,316,SNR=8.4	Dagmar	52.75	57	P	P	21 34 07.3 +0.9			
RLMT RLMT comp=Z,1.1um,14.5s	Red Lodge	52.78	63	P	P	21 34 07.6 +0.7			
FLWY FLWY comp=Z,316,SNR=4.3	Red Lodge Flagg Ranch	52.78	63	P	P	21 34 08.1 +1.2			
IMW ELK comp=Z,18nm,0.8s	Indian Meadow Elko	52.84	65	P	P	21 34 09.2 +1.8			
ELK ELK comp=Z,159nm,18.4s	Elko	52.95	70	P	P	21 56 45.7			
ELK ELK comp=Z,159nm,18.4s	Elko	52.95	70	P	P	21 34 09.6 +1.3			
FXWY FXWY comp=Z,10.0nm,1.0s	Fox Creek	52.99	65	P	P	21 34 09.6 +1.3			

MOOW NVAR comp=Z,127nm,18.9s	Moose Ponds Mina Array Bea	53.05	65	P	P	21 34 10.2 +1.3			
NVAR NVAR comp=Z,8.0nm,1.0s	Mina Array Bea Little Huttoon	53.05	75	P	P	21 34 09.9 +0.9			
NVAR LHV comp=Z,23nm,0.8s	Mina Array Bea Kunning	53.05	75	P	P	21 34 09.5 +0.5			
KMI KMI comp=Z,7.0nm,1.0s	Kunning	53.09	260	P	P	21 34 09.0 -0.4			
KMI KMI comp=Z,1.1um,20.8s	Kunning	53.09	260	P	P	21 34 18.5 -0.2			
KMI KMI comp=Z,880nm,20.4s									
LAO LAO comp=Z,920nm,15.0s	LASA Array	53.10	59	P	P	21 34 09.7 +0.6			
LAO LAO comp=Z,317,SNR=11	LASA Array	53.10	59	P	P	21 34 11.3 +2.3			
NV11 TPAW comp=Z,17nm,0.8s	Mina Array Sit Teton Pass	53.13	74	P	P	21 34 10.3 +0.9			
MDPB TGy comp=Z,195nm,18.1s	Devils Postpil Tagaytay City	53.23	76	P	P	21 34 12.7 +2.3			
SNOW OMMB comp=Z,1.9nm,0.7s	Snow King Moun Old Mammoth Mt	53.25	65	P	P	21 34 11.2 +0.8			
ICESG ICESG comp=Z,18nm,0.7s	Greenland Ice Greenland Ice	53.28	10	P	P	21 34 10.7 -0.7			
KIRV KIRV comp=Z,568nm,18.1s	Kirov	53.33	323	LR	LR	21 59 13.6			
KIRV FRB comp=Z,202nm,18.1s	Kirov Frobisher Bay	53.33	323	P	P	21 34 10.1 -0.3			
HVU HVU comp=Z,11nm,0.9s	Hansel Valley Hansel Valley	53.46	68	P	P	21 34 13.0 +1.1			
AHID TARG comp=Z,11nm,0.9s	Auburn Hatcher Taragay, Kyrgy	53.59	66	P	P	21 34 14.5 +1.7			
TARG TARG comp=Z,185nm,20.0s	Taragay, Kyrgy	53.90	293	P	P	21 34 14.3 -1.1			
KDJ KDJ comp=Z,5.0nm,0.9s	Kajisay	53.92	293	P	P	21 34 14.3 -1.0			
KDJ KDJ comp=Z,10.0nm,1.0s	Kajisay	53.92	293	P	P	21 34 14.3 -1.0			
SFJD SFJD comp=Z,12nm,0.9s	Kangerlussuaq Kangerlussuaq	53.95	16	LR	LR	21 58 54.1			
SFJD SPUT comp=Z,12nm,0.9s	Kangerlussuaq South Promonto	53.95	16	P	P	21 34 13.8 -1.1			
DSP TKM2 comp=Z,12nm,0.9s	Deep Springs Tokmak 2	54.01	75	P	P	21 34 17.0 +1.2			
HWUT HWUT comp=Z,18nm,0.8s	Deep Springs Giongzhong	54.13	295	P	P	21 34 17.1 -0.8			
QIZ QIZ comp=Z,9.0nm,3.2s	Hardware Ranch Giongzhong	54.20	67	P	P	21 34 23.7			
QIZ QIZ comp=Z,670nm,16.2s	Hardware Ranch Giongzhong	54.20	67	P	P	21 34 18.5 +0.2			
QIZ QIZ comp=Z,610nm,16.2s	Hardware Ranch Giongzhong	54.20	67	P	P	21 41 52.8 -1.3			
QIZ QIZ comp=Z,690nm,11.9s	Hardware Ranch Giongzhong	54.20	67	P	P	21 34 24.4			
BW06 BW06 comp=Z,16nm,0.8s	Boulder Array Boulder Array	54.35	65	P	P	21 34 24.4			
PD31 PDAR comp=Z,318,SNR=8.6	Pinedale Array Pinedale Array	54.35	65	P	P	21 34 19.1 +0.6			
PDAR PDAR comp=Z,15nm,0.7s	Pinedale Array Pinedale Array	54.35	65	P	P	21 34 19.9 +1.3			
USP Q12A comp=Z,9.0nm,3.2s	Ospenovka Willow Creek R	54.42	296	P	P	21 34 17.9 -0.9			
Q12A CHMS comp=Z,20nm,1.2s	Willow Creek R Chumysk	54.42	72	P	P	21 34 21.0 +2.1			
KLMR KLMR comp=Z,29nm,2.1s	Klimovskoe Klimovskoe	54.49	296	P	P	21 34 19.1 -0.2			
KLMR KLMR comp=Z,441nm,16.4s	Klimovskoe Klimovskoe	54.50	330	P	P	21 34 19.2 +0.2			
R11B DUG comp=Z,29nm,2.1s	Troy Canyon, C Dugway, Tooele	54.54	73	P	P	21 34 19.2 +0.2			
DUG DUG comp=Z,11nm,0.9s	Dugway, Tooele Dugway, Tooele	54.61	69	P	P	21 34 21.8 +1.5			
KBK FRU1 comp=Z,10.0nm,0.8s	Karagaybulak Bishkek	54.65	295	P	P	21 34 21.8 +1.5			
FRU1 FRU1 comp=Z,29nm,1.1s	Bishkek	54.69	296	P	P	21 34 20.4 -0.1			
FRU1 FRU1 comp=Z,29nm,1.1s	Bishkek	54.69	296	P	P	21 34 20.1 -0.6			
SPR3 SPR3 comp=Z,25nm,1.0s	Spring Creek 3	54.71	71	P	P	21 34 21.6			
CTU AAK comp=Z,25nm,1.0s	Camp Tracy Ala-Archa	54.78	68	P	P	21 34 22.8 +1.6			
AAK AAK comp=Z,14nm,0.8s	Ala-Archa	54.89	296	P	P	21 34 22.1			
AAK AAK comp=Z,10.0nm,0.8s	Ala-Archa	54.89	296	P	P	21 34 21.7 -0.6			
AAK AAK comp=Z,25nm,1.0s	Ala-Archa	54.89	296	P	P	21 34 22.0 +0.6			
S11A S11A comp=Z,16nm,0.9s	Rachel	54.98	73	P	P	21 34 22.2 -0.1			
JLU ISA comp=Z,14nm,1.2s	Jordanelle Isabella, Lake	55.01	68	P	P	21 34 22.0 +1.6			
ISA ISA comp=Z,14nm,1.2s	Isabella, Lake	55.02	77	P	P	21 34 24.3 +1.3			
NRN NRN comp=Z,6.0nm,1.0s	Naryn	55.03	294	P	P	21 34 23.8 +0.6			
NRN NRN comp=Z,6.0nm,1.0s	Naryn	55.03	294	P	P	21 34 23.8 +0.6			
DY2G ULM comp=Z,15nm,0.8s	Dye2 Lac du Bonnet	55.05	14	P	P	21 34 23.0 -0.5			
ULM ULM comp=Z,160nm,19.3s	Lac du Bonnet	55.10	50	P	P	21 34 24.5 +1.3			
ULM ULM comp=Z,18nm,0.8s	Lac du Bonnet	55.10	50	P	P	21 58 45.8			
ULM ULM comp=Z,18nm,0.8s	Lac du Bonnet	55.10	50	P					

30d 21h

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like CRAI, PV01, SMCO, ISCO, etc.

2017 MAR

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like SCHO, KRVT, LPSR, TUC, ANMO, etc.

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Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like DEOK, R40A, S39A, S99A, AKASG, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like Y52A, Y52A, Y52A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like PPT2, PPT2, PPT2, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like PZUN, PZUN, PZUN, etc.

SEY	Seymchan	7.99	323	Pn	Pn	22 05 32.0	-1.3
SEY	comp=Z,0.2nm,0.3s,baz=126,slow=18,SNR=2.1						
SEY	LR					22 08 52.7	
SEY	comp=Z,343nm,19.4s,baz=163,slow=40						
SEY	Yuzh-Sakhalins	7.99	323	Pn	Pn	22 05 34.6	+1.0
BILL	Bilibino	11.25	7	Pn	Pn	22 06 18.0	0.0
BILL	Bilibino	11.25	7	ePn	Pn	22 06 20.8	+2.8
BILL	comp=Z,6.0nm,1.0s						
BILL	MLR						
BILL	comp=Z,2.1nm,12.0s						
OKH	Okha	11.86	262	ePn	Pn	22 06 18.0	-8.4
OKH	MLR						
OKH	comp=N,400nm,14.0s						
OKH	MLR						
OKH	comp=Z,800nm,13.0s						
OKH	MLR						
ADK	Adak	12.92	104	Pn	Pn	22 06 41.1	+0.3
ADK	Adak	12.92	104	Pn	Pn	22 06 41.1	+0.3
TYV	Timovskoe	13.35	251	ePn	Pn	22 06 53.8	-1.5
TYV	eS					22 09 27.7	-8.2
TYV	comp=Z,100nm,2.5s						
TYV	pmx						
TYV	comp=Z,14nm,1.0s						
TYV	smx						
YSS	comp=N,400nm,5.6s						
YSS	15.87	240	Pn	Pn	22 07 20.6	+0.6	
YSS	15.87	240	eP	Pn	22 07 20.7	+0.6	
YSS	comp=Z,20nm,0.7s						
YSS	MLR						
YSS	comp=Z,400nm,16.0s						
YSS	MLR						
YSS	comp=N,400nm,17.0s						
YSS	MLR						
TNA	Tin City	16.34	46	P	Pn	22 07 27.0	+1.1
TNA	Tin City	16.34	46	P	Pn	22 07 26.6	+0.7
GRNR	Gornyy	16.71	260	lP	P	22 07 32.5	-0.1
GRNR	comp=Z,3.0nm,0.8s						
GRNR	MLR						
GRNR	comp=N,240nm,13.0s						
GRNR	MLR						
ANM	Nome	17.13	51	P	Pn	22 07 35.4	-0.5
ANM	Nome	17.13	51	P	Pn	22 07 35.4	-0.5
ANM	comp=Z,28nm,1.3s						
ANM	None						
ANM	baz=259,SNR=6.0						
YAK	Yakutsk	17.47	301	P	P	22 07 38.9	-1.3
YAK	comp=Z,0.1nm,0.3s,baz=95,slow=7.2,SNR=4.4						
YAK	comp=Z,5.9nm,0.4s						
YAK	Yakutsk	17.47	301	P	Pn	22 07 39.0	-1.1
YAK	Yakutsk	17.47	301	eP	Pn	22 07 38.8	-1.3
YAK	Yakutsk	17.47	301	eS	Sn	22 10 50.9	-2.5
YAK	comp=Z,28nm,0.9s						
YAK	pmx						
YAK	comp=N,1.0nm,0.9s						
YAK	pmx						
YAK	comp=E,6.0nm,0.9s						
YAK	smx						
YAK	comp=N,95nm,3.8s						
YAK	smx						
YAK	comp=E,59nm,3.3s						
YAK	MLR						
YAK	comp=Z,668nm,14.0s						
YAK	MLR						
JKA	Kamikawa-asahi	18.09	233	P	Pn	22 07 48.1	+0.3
ASAJ	Asahikawa	18.09	233	P	Pn	22 07 46.8	-1.1
ASAJ	comp=E,1.1nm,0.3s,baz=54,slow=7.4,SNR=2.1						
ASAJ	LR					22 15 35.8	
ASAJ	comp=E,279nm,18.5s,baz=34,slow=40						
ASAJ	comp=Z,29nm,0.8s						
ASAJ	Asahikawa	18.09	233	P	Pn	22 07 48.1	+0.2
ASAJ	pmx						
RDOG	Red Dog Mine	19.02	40	P	P	22 07 58.2	+0.3
RDOG	Red Dog Hills	19.02	40	P	Pn	22 07 59.2	+0.3
S12K	Black Hills	19.36	79	P	Pn	22 08 03.2	+0.1
ERM	Ermo	19.56	229	P	Pn	22 08 04.7	-0.8
ERM	Ermo	19.56	229	P	Pn	22 08 04.7	-0.8
ERM	comp=Z,52nm,1.2s						
N16K	Nishik Lake	20.04	64	P	Pn	22 08 10.2	-0.9
KLR	Kul'dur	20.08	261	P	P	22 08 08.8	-0.7
KLR	comp=Z,2.1nm,0.8s,baz=44,slow=13,SNR=8.2						
KLR	PcP					22 12 22.9	-0.3
KLR	comp=Z,1.2nm,0.9s,baz=34,slow=5.3,SNR=4.0						
KLR	LR					22 16 52.7	
KLR	comp=Z,339nm,18.4s,baz=60,slow=40						
KLR	comp=Z,2.1nm,0.8s						
KLR	Kul'dur	20.08	261	eP	P	22 08 09.1	-0.4
KLR	pmx						
ZEA	Zeya	20.36	276	eP	P	22 08 13.4	+0.8
ZEA	comp=E,10.0nm,0.9s						
ZEA	pmx						
ZEA	comp=N,10.0nm,0.6s						
ZEA	pmx						
ZEA	comp=Z,40nm,0.9s						
ZEA	MLR						
ZEA	comp=N,300nm,13.0s						
ZEA	MLR						
ZEA	comp=E,600nm,13.0s						
ZEA	MLR						
TIXI	Tiksi	20.41	329	P	P	22 08 13.4	+0.6
TIXI	comp=Z,1.4nm,0.6s,baz=90,slow=23,SNR=48						
TIXI	PcP					22 12 23.5	+0.1
TIXI	comp=Z,1.8nm,0.4s,baz=89,slow=23,SNR=3.6						
TIXI	LR					22 16 23.5	
TIXI	comp=Z,1.45nm,20.6s,baz=115,slow=38						
TIXI	comp=Z,1.4nm,0.6s						
TIXI	Tiksi	20.41	329	P	P	22 08 12.9	+0.1
TIXI	Tiksi	20.41	329	lP	P	22 08 13.5	+0.6
TIXI	pmx						
O16K	Kokwok River B	20.50	66	P	P	22 08 14.7	+0.7
P16K	Nushagak River	20.65	68	P	P	22 08 16.0	+0.4
GCSA	Galena City Sc	20.77	51	P	P	22 08 16.9	0.0
O17K	Kolliganek Bris	20.97	65	P	P	22 08 19.3	+0.3
SVW2	Sparrevohnt	21.51	61	P	P	22 08 25.5	+0.6
L19K	White Mountain	21.73	58	P	P	22 08 29.1	+1.8
L19K	White Mountain	21.73	58	P	P	22 08 28.5	+1.2
HEH	HeiHe	21.89	267	P	P	22 08 26.3	-2.6
HEH	HeiHe	21.89	267	sP	sP	22 08 44.3	-1.0
HEH	HeiHe	21.89	267	S	S	22 12 21.5	-6.6
HEH	comp=Z,12nm,0.7s						
HEH	pmx						
HEH	comp=Z,80nm,3.7s						
HEH	LR						
HEH	comp=Z,490nm,12.1s						
HEH	LR						
HEH	comp=Z,1.1nm,13.1s						
HEH	LR						
O18K	Koktuh Hills	21.89	65	P	P	22 08 30.1	+1.1
M19K	Big River Lodg	21.98	59	P	P	22 08 31.0	+1.1
M19K	Big River Lodg	21.98	59	P	P	22 08 30.4	+0.5
K20K	Telida	22.01	55	P	P	22 08 30.6	+0.4
K20K	Telida	22.01	55	P	P	22 08 31.3	+1.1
N19K	Bonanza Creek	22.08	62	P	P	22 08 32.1	+1.0
N19K	Bonanza Creek	22.08	62	P	P	22 08 32.1	+1.1
IMAR	Indian Mountai	22.15	48	P	P	22 08 31.9	+0.2
L20K	Farwell, AK	22.16	58	P	P	22 08 32.5	+0.6

A21K	Barrow	22.17	34	P	Iamb	22 08 32.7	+0.9
A21K	comp=Z,51nm,1.0s					22 08 40.2	
A21K	Barrow	22.17	34	P	P	22 08 32.6	+0.8
O18K	Katmai Hardscr	22.25	68	P	P	22 08 32.8	-0.1
O18K	baz=284						
G21K	Allakaket	22.29	47	P	P	22 08 33.8	+0.7
F21K	Alatina River	22.36	45	P	P	22 08 34.2	+0.3
H21K	Melozitna Rive	22.53	49	P	P	22 08 36.0	+0.3
H21K	Melozitna Rive	22.53	49	P	P	22 08 36.2	+0.4
M20K	Styx River	22.57	59	P	P	22 08 36.6	+0.3
CHUM	Lake Minchumim	22.76	54	P	P	22 08 39.0	+0.8
I21K	Tanana	22.82	50	P	P	22 08 39.6	+0.4
I21K	Tanana	22.82	50	P	P	22 08 39.7	+0.4
F22K	John River	22.89	44	P	P	22 08 39.7	+0.1
PPLA	Purkeypile	22.90	56	P	Iamb	22 08 41.0	+1.2
PPLA	comp=Z,127nm,1.7s					22 08 43.2	
PPLA	Purkeypile	22.90	56	P	P	22 08 40.4	+0.7
CAST	Castle Rocks	22.90	55	P	Iamb	22 08 40.1	+0.5
CAST	comp=Z,67nm,1.9s						
CAST	Castle Rocks	22.90	55	P	P	22 08 40.4	+0.8
RSO	Redoubt South	22.98	63	P	P	22 08 41.5	+0.8
SPCR	Spurr Chakacha	23.11	61	P	P	22 08 42.2	+0.3
USRK	Ussuriysk Ar.	23.16	250	P	P	22 08 41.1	-1.3
USRK	comp=Z,2.0nm,0.5s,baz=64,slow=12,SNR=6.2						
USRK	LR					22 18 16.8	
USRK	comp=Z,275nm,18.2s,baz=50,slow=38						
USRK	Ussuriysk Ar.	23.16	250	P	P	22 08 43.5	+1.1
USRK	Ussuriysk Ar.	23.16	250	P	P	22 08 43.5	+1.1
SKT	Skwentna	23.31	58	P	Iamb	22 08 44.2	+0.5
SKT	Skwentna	23.31	58	P	Iamb	22 08 44.2	+0.5
SKT	comp=Z,32nm,0.9s						
SKT	Skwentna	23.31	58	P	P	22 08 44.2	+0.5
BPAW	Bear Paw Mtn.	23.34	53	P	Iamb	22 08 44.3	+0.3
BPAW	comp=Z,30nm,1.8s						
BPAW	Bear Paw Mtn.	23.34	53	P	Iamb	22 08 44.2	+0.2
MLY	Manley	23.40	51	P	Iamb	22 08 45.0	+0.4
MLY	comp=Z,112nm,1.8s						
MLY	Manley	23.40	51	P	PcP	22 12 30.7	+1.1
MLY	Manley	23.40	51	P	P	22 08 45.3	+0.7
KTH	Kantishna Hill	23.41	54	P	Iamb	22 08 45.5	+0.7
KTH	comp=Z,56nm,1.3s						
OHAK	Old Harbor	23.53	71	P	Iamb	22 08 46.5	+0.7
OHAK	comp=Z,59nm,1.2s						
OHAK	Old Harbor	23.53	71	P	P	22 08 46.7	+0.9
Q20K	Shuyak Island	23.58	67	P	P	22 08 46.3	0.0
D23K	Nanushuk River	23.61	41	P	P	22 08 46.9	+0.4
G23K	Bananza Creek	23.68	46	P	P	22 08 47.0	-0.3
TRF	Thorofare Moun	23.70	55	P	Iamb	22 08 47.8	+0.1
TRF	comp=Z,47nm,1.0s						
TRF	Thorofare Moun	23.70	55	P	P	22 08 47.9	+0.3
KDAK	Kodiak Island	23.72	69	P	P	22 08 47.4	-0.2
KDAK	comp=Z,1.1nm,0.7s,baz=305,slow=4.4,SNR=5.8						
SUA	Susitna One	23.76	60	P	P	22 08 48.4	+0.2
CUT	Chulitna	23.84	57	P	Iamb	22 08 49.2	+0.5
CUT	comp=Z,37nm,0.8s						
CUT	Chulitna	23.84	57	P	P	22 08 50.6	-0.1
H23K	Yukon River	23.88	49	Iamb	Iamb	22 08 52.4	
H23K	Yukon River	23.88	49	P	P	22 08 49.5	+0.4
E23K	Chanadar	23.91	43	P	P	22 08 49.9	+0.5
I23K	Minto, Yukon-K	23.98	50	Iamb	Iamb	22 08 52.5	
I23K	Minto, Yukon-K	23.98	50	P	P	22 08 49.9	-0.1
MDJ	Mudanjiang	24.12	254	P	P	22 08 51.3	-0

30d 22h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like L29M, M29M, K29M, YUK4, PNL, YUK6, O29M, INK, M30M, F31M, N30M, HYT, KSRs, P30M, O30N, M31M, M31M, FARO, XLT, A36M, M33M, P33M, JIS, SIT, S32K, C36M, Q32M, NRIK, S34M, ULN, WTL, DLBC, DLBC, DLBC, SONM, SONM, SONM, T35M, V35K, MOY, HHC, HHC, HHC, HHC, KOTAN, H11N2, H11N3, H11N1, EUNU, BBB, JOW, NJ2, NJ2, NJ2, RES.

2017 MAR

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like RES, YKA, HILA, WAPA, ZALV, LLLB, TULEG, BRDLA, DGZ, SPITS, SPB2, GTA, GTA, GTA, LZH, LZH, LZH, NEEM, B06A, D05A, EDM, EDM, B08A, B08A, F04A, LTY, KULLO, HOOD, C09A, C09A, DAG, NEW, NEW, NEW, NEW, HAWA, HAWA, KURK, KURK, KURK, WMOQ, WMOQ, WMOQ, E09A, HUMO, J04A, WALA, G08A, UPNV, PINE, MK31, MKAR, MKAR, J05D, IMAK, MAKZ, MAKZ, L04D, YBH, YBH, YBH, YBH, K05A, K05A, BMO, BMO, BMO, DBG, FFC, FFC, FFC, MSO.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MSO, BVAR, BRVK, BRVK, BRVK, PLID, MOD, MOD, FCC, FCC, FCC, SUMC, SUMG, ARCES, ARCES, ARCES, HRG, EGMT, EGMT, EGMT, LRM, MFID, MFID, DLMT, DLMT, MCMT, BOZ, HLID, HLID, ARU, ARU, ARU, ARU, ARU, ILULI, ILULI, ILULI, ILULI, QLMT, GCMT, YERR, YERR, BMN, BMN, JMIC, YMR, YMR, YNR, WAKR, PZH, PZH, PZH, YMP, LKWW, LKWW, LKWW, H17A, H17A, H17A, KVN, KVN, KVN, KVN, DGMT, DGMT, RLMT, RLMT, RLMT, FLWY, FLWY, IMW, IMW, ELK, ELK, ELK, FXWY, FXWY, MOOW, NVAR, NVAR, NVAR, LAO, LAO, KMI, KMI, TPWV, TPWV, ICESG, ICESG, MDPB, MDPB.

SNOW	comp=Z,16nm,1.0s	53.23	65	P	Iamb	P	22 12 55.1 +1.0
SNOW							22 12 57.0
KIRV	comp=Z,18nm,1.4s	53.26	323	LR	LR		22 27 07.1
KIRV	comp=Z,91nm,20.2s,baz=14,slow=38	53.26	323ceP	P			22 12 53.4 -0.2
OMMB	Kirov	53.28	76	P	P		22 12 55.1 +0.6
FRB	Old Mammoth Mi Froisher Bay	53.34	26	LR	LR		22 28 09.3
HVU	comp=Z,62nm,19.3s,baz=224,slow=39	53.45	68	P	P		22 12 56.0 +0.4
HVU	Hansel Valley	53.45	68	P	P		22 12 56.0 +0.4
AHID	comp=Z,7.0nm,0.9s	53.57	66	P	P		22 12 56.5 0.0
KDJ	Auburn Hatcher	53.87	293	Iamb	Iamb		22 12 58.2 -0.5
KDJ	Kajisay	53.87	293	P	P		22 12 58.2 -0.5
KDJ	comp=Z,42nm,2.0s						
KDJ	Kajisay	53.87	293	P	P		22 12 58.2 -0.5
TPH	comp=Z,42nm,2.0s						
TPH	Tonopah	53.88	74	P	P		22 12 59.6 +0.9
TPH	Tonopah	53.88	74	P	P		22 12 59.7 +0.9
SFJD	comp=Z,5.1nm,0.9s						
SFJD	Kangerlussuaq	53.88	16	P	Iamb		22 12 58.3 +0.2
SFJD	SFJD	53.88	16	P	Iamb		22 12 58.3 +0.2
SFJD	comp=Z,12nm,1.1s						
SFJD	Kangerlussuaq	53.88	16	P	Iamb		22 12 58.3 +0.2
SFJD	SFJD	53.88	16	P	Iamb		22 12 58.3 +0.2
SFJD	comp=Z,12nm,1.2s						
SFJD	Kangerlussuaq	53.88	16	eP	P		22 12 56.6 -1.6
BGU	Mig Grassy Mou	53.95	69	P	P		22 12 59.6 +0.4
SPUT	South Promonto	53.96	68	P	P		22 12 59.9 +0.5
SPUT							22 13 01.9
DSP	comp=Z,9.5nm,1.0s						
DSP	Deep Springs	54.01	75	P	Iamb		22 13 00.9 +1.5
DSP							22 13 03.0
HWUT	comp=Z,13nm,1.2s						
HWUT	Hardware Ranch	54.19	67	P	Iamb		22 13 01.5 +0.5
HWUT							22 13 03.7
BW06	comp=Z,11nm,0.8s						
BW06	Boulder Array	54.34	65	P	Iamb		22 13 03.0 +0.9
BW06							22 13 04.3
BW06	comp=Z,11nm,0.8s						
BW06	Boulder Array	54.34	65	P	Iamb		22 13 03.2 +1.0
PD31	comp=Z,318,SNR=10.0						
PD31	Pinedale Array	54.34	65	P	Iamb		22 13 02.9 +0.7
PD31							22 13 04.3
PDAR	comp=Z,9.7nm,0.8s						
PDAR	Pinedale Array	54.34	65	P	Iamb		22 13 03.3 +1.2
PDAR	comp=Z,6.7nm,0.7s,baz=323,slow=2.8,SNR=74						
PDAR							22 26 20.7
QIZ	comp=Z,55nm,18.9s,baz=70,slow=36						
QIZ	Qiongzong	54.34	248	P	S		22 13 02.5 +0.4
QIZ							22 20 31.5 -5.4
QIZ	comp=Z,200nm,9.6s						
QIZ							
QIZ	comp=Z,150nm,12.0s						
QIZ							
Q12A	comp=Z,200nm,13.5s						
Q12A	Willow Creek R	54.42	72	P	LR		22 13 03.7 +1.0
DUG	Dugway, Tooele	54.60	69	P	P		22 13 04.4 +0.4
DUG	Dugway, Tooele	54.60	69	P	P		22 13 04.4 +0.4
DUG							
DUG	comp=Z,8.0nm,1.0s						
DUG	Dugway, Tooele	54.60	69	P	P		22 13 05.6 +1.6
FRU1	comp=Z,318,SNR=5.7						
FRU1	Bishkek	54.64	296	P	Iamb		22 13 04.2 +0.1
FRU1							22 13 11.0
FRU1	comp=Z,11nm,0.9s						
FRU1	Bishkek	54.64	296	P	P		22 13 04.2 +0.1
FRU1							
CWC	comp=Z,11nm,0.9s						
CWC	Cottonwood Cre	54.65	76	P	P		22 13 06.2 +1.8
SPR3	comp=Z,319						
SPR3	Spring Creek 3	54.71	71	P	Iamb		22 13 06.2 +1.3
SPR3							22 13 08.5
CTU	comp=Z,17nm,0.9s						
CTU	Camp Tracy	54.77	68	P	P		22 13 06.1 +0.8
AAK	Ala-Archa	54.84	296	P	Iamb		22 13 05.3 -0.3
AAK							22 13 12.3
AAK	comp=Z,11nm,1.1s						
AAK	Ala-Archa	54.84	296ceP	P	P		22 13 04.5 -1.1
AAK							
AAK	comp=Z,14nm,1.7s						
AAK	Ala-Archa	54.84	296	P	P		22 13 05.0 -0.6
AAK	Ala-Archa	54.84	296	P	P		22 13 05.2 -0.3
NRN	Naryn	54.98	294	P	P		22 13 06.7 -0.2
NRN	Naryn	54.98	294	P	P		22 13 06.7 -0.2
NRN							
S11A	comp=Z,5.0nm,0.7s						
S11A	Rachel	54.98	73	P	Iamb		22 13 08.1 +1.3
S11A							22 13 12.5
DY2G	Dye2	54.98	14	iP	P		22 13 05.2 -1.2
JLU	Jordanelle	54.99	68	P	P		22 13 07.3 +0.4
ISA	Isabella, Lake	55.02	77	P	Iamb		22 13 07.2 +0.3
ISA							22 13 09.5
ISA	comp=Z,9.9nm,1.0s						
ISA	Isabella, Lake	55.02	77	P	P		22 13 07.3 +0.3
ISA							
ULM	comp=Z,10.0nm,1.0s						
ULM	Lac du Bonnet	55.07	50	P	P		22 13 07.5 +0.6
ULM	comp=Z,6.1nm,0.8s,baz=286,slow=8.7,SNR=7.9						
ULM	Lac du Bonnet	55.07	50	P	Iamb		22 13 07.7 +0.7
ULM							22 13 08.2
ULM	comp=Z,9.0nm,0.8s						
ULM	Lac du Bonnet	55.07	50	P	P		22 13 07.7 +0.7
ULM							
NLU	comp=Z,9.0nm,0.9s						
NLU	North Lily Min	55.16	69	P	Iamb		22 13 08.1 0.0
NLU							22 13 10.7
TPNV	comp=Z,8.6nm,0.9s						
TPNV	Topopah Spring	55.24	74	P	P		22 13 09.3 +0.7
TPNV	Topopah Spring	55.24	74	P	P		22 13 09.3 +0.7
TPNV							
MPMC	comp=Z,13nm,0.6s						
MPMC	Manual Prospec	55.25	76	P	P		22 13 10.3 +1.6
MPMC							
MDND	Maddock	55.26	54	P	P		22 13 09.6 +1.2
MDND	Maddock	55.26	54	P	P		22 13 10.0 +1.5
FURC	comp=Z,319,SNR=5.3						
FURC	Furnace Creek,	55.27	75	P	P		22 13 10.7 +0.2
FURC							
MPU	Maple Canyon	55.34	69	P	Iamb		22 13 10.1 +0.8
MPU							22 13 12.1
BSUT	comp=Z,9.8nm,1.0s						
BSUT	Blindstream Ca	55.39	68	P	Iamb		22 13 10.8 +0.9
BSUT							22 13 12.9
TNCH	comp=Z,15nm,1.0s						
TNCH	TengChong	55.45	263	iP	P		22 13 11.3 +1.0
TNCH							22 13 23.8 +1.0
TNCH							22 13 30.8 +2.9
TNCH							22 20 53.5 +1.5
TNCH							22 21 10.5 -2.4
TNCH	comp=Z,6.0nm,0.6s						
TNCH							
TNCH	comp=Z,7.5nm,4.8s						
TNCH							
TNCH	comp=Z,110nm,15.9s						
TNCH							
TNCH	comp=Z,160nm,15.4s						
TNCH							
PRN	comp=Z,210nm,15.3s						
PRN	Pahroc Range	55.52	73	P	Iamb		22 13 12.0 +1.3
PRN							22 13 15.4
GWY	comp=Z,11nm,0.9s						
GWY	Greenwater Val	55.59	75	P	Iamb		22 13 11.2 0.0
GWY							22 13 13.9
E28A	comp=Z,11nm,0.8s						
EDW2	Huff	55.73	56	P	P		22 13 12.3 +0.5
EDW2	Edwards Air Fo	55.77	77	P	P		22 13 14.8 +1.8
K22A	comp=Z,11nm,1.0s						
K22A	Casper	55.92	63	P	Iamb		22 13 12.9 -0.5
K22A							22 13 15.4
K22A	comp=Z,11nm,1.0s						
K22A	Casper	55.92	63	P	P		22 13 14.3 +0.9
K22A							
RDMU	comp=Z,84nm,18.0s,baz=240,slow=39						
RDMU	Red Mountain	55.97	67	P	Iamb		22 13 15.1 +1.2
RDMU							22 13 16.7

RSSD	comp=Z,7.9nm,0.8s	56.02	60	P	Iamb	P	22 13 14.6 +0.4
RSSD							22 13 16.1
RSSD	comp=Z,16nm,0.7s						
RSSD	Black Hills	56.02	60	P	P		22 13 14.6 +0.4
RSSD							
RSSD	comp=Z,16nm,0.7s						
RSSD	Black Hills	56.02	60	P	P		22 13 15.1 +1.0
TMUT	Trail Mountain	56.09	69	P	Iamb	Iamb	22 13 16.0 +1.1
TMUT							22 13 17.7
MVU	comp=Z,13nm,0.9s						
MVU	Marysvale	56.17	70	P	P		22 13 16.6 +1.2
GSC	Goldstone, Bar	56.18	76	P	Iamb	Iamb	22 13 16.2 +0.9
GSC							22 13 18.1
GSC	comp=Z,13nm,0.8s						
GSC	Goldstone, Bar	56.18	76	P	P		22 13 16.2 +0.9
GSC							
P17A	comp=Z,13nm,0.8s						
PCUT	Butcher Ranch	56.20	68	P	P		22 13 16.6 +1.1
PCUT	Cedar City	56.30	72	P	P		22 13 16.8 +0.5
RWWY	Rawlins	56.31	64	Iamb	Iamb		22 13 15.7 -0.7
RWWY							22 13 17.1
P18A	comp=Z,8.8nm,0.9s						
AKTO	Preston Nutter	56.34	68	P	LR		22 13 17.7 +1.1
AKTO	Aktyubinsk	56.42	312	LR	LR		22 41 30.8
KSH	comp=Z,7.7nm,19.5s,baz=56,slow=40						
KSH	Kashi	56.43	292	sP	sP		22 13 20.8 +3.8
KSH							22 13 28.8 +4.1
KSH	comp=Z,9.0nm,1.1s						
KSH							
KSH	comp=Z,240nm,14.2s						
KSH							
KSH	comp=Z,210nm,16.1s						
KSH							
ABKAR	comp=Z,280nm,13.7s						
ABKAR	Abdulak array	56.53	310	P	P		22 13 17.1 -0.3
MTPU	Mout Pierson	56.54	71	P	Iamb	Iamb	22 13 19.2 +1.0
MTPU							22 13 46.1
AGMN	comp=Z,7.2nm,0.7s						
AGMN	Agassiz Nation	56.56	52	P	P		22 13 17.9 +0.2
AGMN	Agassiz Nation	56.56	52	P	P		22 13 18.4 +0.7
SRU	comp=Z,20nm,1.0s						
SRU	San Rafael Swe	56.58	69	P	Iamb	Iamb	22 13 19.3 +1.1
SRU							22 13 21.0
D32A	comp=Z,20nm,1.0s						
D32A	San Rafael Swe	56.58	69	P	P		22 13 19.3 +1.1
D32A	Dogwood Acres,	56.59	53	P	Iamb	Iamb	22 13 20.7 +0.2
D32A							22 13 22.1
O20A	comp=Z,17nm,0.8s						
O20A	White River Ci	56.96	66	P	P		22 13 22.3 +1.4
O20A					</		

30d 22h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LATO, GEYT, GYAOB, X34A, W35A, AAM, U38A, TRQ, CCM, SBUM, T42A, KIV, TX31, TX32, TXAR, KBZ, KBZ, E62A, P49A, P49A, ACSO, WHAR, MIAR, HPIG, SORM, SORM, WHIT, WCI, WCI, WCI, JCT, JCT, JCT, X40A, OJC, OJC, OJC, O52A, O53A, LBNH, CLL, CLL, CLL, P52A, WLAR, T47A, DPC, DPC, NIE, R50A, R50A, KRLC, KRLC, MORC, BUR08, LANS, LANS, LANS, BURAR, BURAR, BURAR, W45A, GNI, SSPA, SSPA, TRPA, MCWV, PRU, PRU, NATEX, KECS, KECS, VRAC, R53A.

2017 MAR

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CLTN, JAVC, PLAL, 833A, KRUC, VYHS, VYHS, Y45A, PAKS, HKT, HKT, MODS, MODS, MODS, MODS, COVR, PAL, TZTN, CKRC, CKRC, DRGR, DRGR, CFR, CFR, SWET, GEC2, GEC2, GERES, GERES, GERES, GERES, TPGR, TPGR, W50A, W50A, MLR, MLR, MLR, MLR, MLR, MLR, CPCT, CPCT, KOPT, KOPT, CONA, CONA, TKL, TKL, VOIR, VOIR, RONA, RONA, BLA, BLA, FPAL, FPAL, Z47A, Z47A, ARR, ARR, MOA, MOA, W52A, W52A, GZR, GZR, T57A, T57A, BZS, BZS, LNRAL, LNRAL, BG3, BG3, HERR, HERR, KBA, KBA, SOKA, SOKA, Z51A, Z51A, Y52A, Y52A, WTTA, WTTA, MOTA, MOTA, KMSC, KMSC, SOKA, SOKA, SQT, SQT, OBKA, OBKA, PAULI, PAULI, ZAIG, ZAIG, FRGS, FRGS, ABTA, ABTA, FETA, FETA, PRED, PRED, 152A, 152A, FUORN, FUORN, DIVS, DIVS, BR131, BR131, BR131, BR131, BRTR, BRTR, BRTR, BNN, BNN, BNN, MDUB, MDUB, ANTO, ANTO, ANTO, ANTO, ANTO, TEOL, TEOL.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like 451A, TIGA, TIGA, NHSC, 255A, RDO, RDO, ZCCA, ZCCA, SHME, SHME, MURB, MURB, OSSC, OSSC, BANOH, BANOH, GUMA, GUMA, FDMO, FDMO, FDMO, FDMO, NRCA, NRCA, CAMP, CAMP, MASF, MASF, MSFE, MSFE, 656A, 656A, UOSS, UOSS, UOSS, UOSS, SOHO, SOHO, WBK, WBK, HMO, HMO, SMDO, SMDO, ASUD, ASUD, ASUD, ASUD, DZM, DZM, ARJ, ARJ, ALNE, ALNE, ALNE, ALNE, ARQ, ARQ, JMDJ, JMDJ, BSY, BSY, MMAL, MMAL, WRA, WRA, WRA, WRA, WRA, WRA, UMJ, UMJ, UMJ, UMJ, ESDC, ESDC, ESDC, ESDC, ASAR, ASAR, ASAR, ASAR, RAYN, RAYN, RAYN, RAYN, RAYN, RAYN, DMT, DMT, KEST, KEST, WHFO, WHFO, ABTO, ABTO, STKA, STKA, SIV, SIV, BOSA, BOSA, BOSA, BOSA, DJA 30 22:22:33.2, 1.4, 3'S:15'x13'1E1', h10km, M3.2/5, MLV3.2/5, IDC 30 22:34:55.0, 1.31N:65.06W, h29km, mb3.1/2, mbmp3.2/3, ML3.1/1, Error ellipse: s-maj=175.4km s-min=31.5km az=70.0, ISC 30 22:22:38.0, 1.5, 3'S:5'02:130:9E:0:1, h30km, n5, c1937/5, Seram, Code Station Name, Az, Az, Phase ID, Time Res, FAKI, FAKI, FAKI, RPKI, RPKI, WRA, WRA, ASAR, ASAR, MKAR, MKAR, IDC 30 22:34:56.4, 0.7, 19:20N:65:21W, h0km, mb4.0/9, mbmp4.1/1, ML3.6/2, MS3.6/8, Error ellipse: s-maj=18.4km s-min=13.9km az=88.0, RSPR 30 22:34:55.0, 1.31N:65:06W, h29km, mb3.1/2, OSPL 30 22:34:56.8, 2.6, 19:31N:65:10W, h31km, mb3.9, NEIC 30 22:34:59.1, 2.1, 19:01N:05:65:25W, h14km, mb3.9, s-maj=8.0km s-min=6.1km az=211.0, ISC 30 22:34:56.4, 1.3, 19:16N:05:65:25W, h31km, mb3.9, n179, r156/183, mb4.2/25, MS3.6/8, 14C-4D, Puerto Rico, Code Station Name, Az, Az, Phase ID, Time Res, CUPR, CUPR, CUPR, CUPR, CUPR, CBYP, CBYP, CBYP, CBYP, CBYP, MTP, MTP.

Table with columns: MTP, Monte Pirata, 1.09 195 eS, Sb, 22 35 30.6 0.0, GRTK, GRTK, eS, Sn, 22 37 24.5 -6.1, ASAR Alice Springs, 161.61 253 PKPab, PKPab, 22 55 39.8 -0.2

Table with columns: BIM, Bigot, 6.11 138 eP, Pn, 22 36 24.9 +0.3, MFMOM, Morne Pois Mar, 6.30 137 eP, Pn, 22 36 29.4 +2.2, MFMOM, Morne Pois Mar, 6.30 137 eP, Pn, 22 36 29.4 +2.2

Table with columns: IDC 30 22:54:12.4e, 1.7, 5.3; 17N:160.70W, h0km, mb3.5/5, mmbp3.6/8, ML3.4/3, MS3.3/2, Error ellipse: s-maj=33.7km, s-min=25.8km az=9.0

PALN	eS	Sb	23 00 46.8 +1.5
KIL	Karymskiy	3.50 216 PN	23 00 22.0 +1.5
KII	Karymskiy	3.50 216 eP	23 00 22.0 +1.5
SPN	Mys Shipunski	4.18 205 PN	23 00 28.9 -0.8
SPN		S	23 01 17.4 -1.3
SPN		S	23 00 35.9 -0.8
SPN	Mys Shipunski	4.18 205 eS	23 01 17.4 -1.3
SPN		S	23 00 33.6 +2.5
NLC	Nalytchevo	4.28 210 PN	23 00 33.6 +2.5
NLC	Nalytchevo	4.28 210 eP	23 00 33.5 +1.9
GNL	Ganally	4.31 224 PN	23 00 33.5 +1.9
GNL	Ganally	4.31 224 eP	23 00 35.0 +3.1
KRX	Arik	4.33 216 PN	23 00 35.0 +3.1
KRX	Arik	4.33 216 eP	23 00 34.1 +1.7
SMAR	Somma	4.37 215 PN	23 00 34.1 +1.7
SMAR	Somma	4.37 215 eP	23 00 35.4 +2.8
AVH	Avacha	4.38 215 PN	23 00 35.4 +2.8
AVH	Avacha	4.38 215 eP	23 00 35.3 +2.6
KOK	Koryaka	4.39 216 PN	23 00 35.3 +2.6
KOK	Koryaka	4.39 216 eP	23 00 34.9 +2.0
UGLR	Uglovaya	4.40 214 PN	23 00 34.9 +2.0
UGLR	Uglovaya	4.40 214 eP	23 00 36.7 +1.5
DALK	Dalny	4.58 214 eP	23 00 36.7 +1.5
DALK	Dalny	4.58 214 eP	23 00 38.3 +2.6
PET	Petrovoplovsk	4.62 214 eP	23 00 38.3 +2.6
PET	Petrovoplovsk	4.62 214 ePN	23 00 38.6 +2.9
PET		eS	23 01 33.0 +3.5
PET		S	
PET	comp=Z,46nm,0.9s	pmax	pmax
PET	comp=E,41nm,0.8s	smax	smax
PET		smax	smax
PEA0B	Petrovoplovsk	4.86 221	23 00 42.1 +3.0
PEA0B	Petrovoplovsk	4.86 221 PN	23 00 42.1 +3.0
PETK	Petrovoplovsk	4.86 221 PN	23 00 41.0 +1.9
PETK	comp=N,1.5nm,0.3s,baz=60,slow=15,SNR=10		
PETK	Petrovoplovsk	4.86 221	23 00 41.9 +2.8
PETK	Petrovoplovsk	4.86 221 PN	23 00 41.9 +2.8
KRMR	Karymskiy	4.95 216 PN	23 00 42.9 +2.7
KRMR	Karymskiy	4.95 216 eP	23 00 42.9 +2.7
RUS	Russkaya	5.17 212 PN	23 00 44.0 +0.7
RUS	Russkaya	5.17 212 eP	23 00 44.0 +0.7
GRL	Gorelyy	5.20 215 PN	23 00 47.4 +3.5
GRL	Gorelyy	5.20 215 eP	23 00 47.4 +3.5
MTVR	Mutnovka	5.23 214 PN	23 00 46.8 +2.6
MTVR	Mutnovka	5.23 214 eP	23 00 46.8 +2.6
MA2	Magadan	6.96 298 LR	23 04 05.1
AKUT	comp=N,48nm,20.8s,baz=108,slow=40	P	23 03 38.8 +4.1
ASAJ	Asahikawa	18.11 234 P	23 03 30.7 -0.8
AKUT	Akutan	17.84 86 P	23 04 04.7 -0.5
TIXI	Tiksi	20.45 329 P	23 04 05.8 +0.6
TIXI	Tiksi	20.45 329 P	23 04 05.9 +0.7
TIXI		pmax	pmax
L19K	White Mountain	21.71 58 P	23 04 22.8 +5.8
O18K	Koktuh Hills	21.86 65 P	23 04 22.2 +3.7
K20K	Telida	21.99 55 P	23 04 21.5 +1.6
K20K		IAMB	23 04 37.2
N19K	Bonanza Creek	22.06 62 P	23 04 23.6 +2.9
N19K		IAMB	23 04 26.2
IMAR	comp=Z,16nm,1.2s		
H21K	Indian Mountain	22.14 48 P	23 04 24.1 +2.6
H21K	Melozitna Rive	22.51 49 P	23 04 28.4 +3.0
M20K	Styx River	22.55 59 P	23 04 27.5 +1.5
PPLA	Purkeypile	22.88 56 P	23 04 32.5 +3.0
CAST	Castle Rocks	22.88 55 P	23 04 31.5 +2.1
SKT	Skwentna	23.29 58 P	23 04 35.1 +1.5
SKT		IAMB	23 04 42.2
TRF	Thorofare Moun	23.68 55 P	23 04 39.0 +1.3
TRF		IAMB	23 04 41.4
SUA	Susitna One	23.74 60 P	23 04 39.8 +1.6
SUA		IAMB	23 04 57.1
H23K	Yukon River	23.86 49 P	23 04 40.9 +1.7
I23K	Minto, Yukon-K	23.95 50 P	23 04 42.8 +2.7
I23K		IAMB	23 04 48.8
H24K	Noodor Dome	24.55 49 P	23 04 50.7 +5.2
H24K		IAMB	23 05 06.6
WRH	Wood River Hill	24.55 52 P	23 04 46.4 +0.9
WRH		IAMB	23 05 04.0
ILAR	comp=Z,8.7nm,1.5s		
ELSON	Elison Array	25.04 51 P	23 04 50.4 +0.4
SCM	comp=Z,1.1nm,0.7s,baz=242,slow=7.7,SNR=13		
SCM	Sheep Creek Mo	25.27 58 P	23 04 53.0 +0.8
FYU	Fort Yukon	25.58 47 P	23 04 56.4 +1.6
FYU		IAMB	23 04 59.9
RIDG	Independent Ri	26.05 53 P	23 05 02.6 +3.4
RIDG		IAMB	23 05 10.8
SCRK	Sand Creek	26.39 52 P	23 05 02.3 0.0
SCRK		IAMB	23 05 13.4
N25K	Chitina, Valde	26.59 58 P	23 05 04.9 +0.8
M27K	Edge Creek, AK	27.66 56 P	23 05 15.4 +1.6
M27K		IAMB	23 05 33.7
H11N2	WAKE ISLAND Hy 37.24 174	T	23 45 34.9
H11N3	WAKE ISLAND Hy 37.26 174	T	23 45 40.0
H11N1	WAKE ISLAND Hy 37.26 174	T	23 45 36.3
YKA	Yellowknife Arr	39.28 47 P	23 06 55.0 +0.6
KURK	Kurchatov	47.16 300 P	23 07 58.2 0.0
KURB	Kurchatov Arr	47.27 300 P	23 07 58.1 -0.9
PDAR	Pinedale Array	54.31 65 P	23 08 52.8 +0.3
TXAR	Lajitas Array	67.71 70 P	23 10 24.3 +0.7
WRA	Warramunga Arr	80.24 207 P	23 11 34.8 -1.9
ASAR	Alice Springs	83.92 207 P	23 11 55.4 -0.5
QSPA	South Pole Qui	146.67 180 PKPbc PKPbc	23 19 05.5 -1.0

PAMC	eS	Sn	23 00 57.9 -0.8
PAMC		i	23 01 01.9
BRRR	Barranca, Sant	3.09 190 eP	23 00 26.9 -0.1
BRRR		eS	23 01 02.6 -1.1
BRRR		eS	23 01 07.8
ZARC	Zaragoza, Caus	3.14 213 eP	23 00 27.1 -0.6
ZARC		eS	23 01 01.0 -4.1
ZARC		eS	23 01 08.5
UREC	San Jos de Ur	3.36 225 eP	23 00 29.6 -1.0
UREC		eS	23 01 06.3 -3.8
UREC		eS	23 01 11.0
LCBC	Los crdobas,	3.43 248 eP	23 00 30.6 -0.8
LCBC		eS	23 01 06.2 -5.5
LCBC		eS	23 01 08.5
BARC	PUERTO BERRIO,	3.55 181 eP	23 00 33.5 +0.2
PTBC	Apartmento, Choc	3.83 200 eP	23 00 36.1 -0.7
APAC		eP	23 00 39.4 -0.5
APAC		i	23 01 27.4
RUSC	La Rusia	4.24 179 eP	23 00 42.0 -0.7
RUSC		eS	23 01 58.8
DBBC	Dabeiba	4.35 224 eP	23 00 42.4 -1.4
DBBC		eS	23 01 33.1
SPBC	San Pablo de B	4.57 192 eP	23 00 44.7 -2.1
SPBC		eS	23 01 36.8 -2.4
SPBC		eS	23 01 50.5
HEL	Santa Helena	4.59 211 eP	23 00 47.7 +0.3
HEL		eS	23 01 35.3 -4.8
HEL		eS	23 01 50.9
NORC	Norcasia	4.88 201 eP	23 00 50.1 -0.7
NORC		eS	23 01 41.1 -5.3
NORC		eS	23 01 52.4
CBCC	Ciudad Bolivar	5.12 214 eP	23 00 54.4 +0.1
CBCC		eS	23 02 05.5
PTAC	Punta Ardita,	5.49 237 eP	23 00 55.9 -3.2
PTAC		eS	23 02 05.3
CHIC	Chingaza	5.53 186 eP	23 01 02.0 +2.0
PTCC	Puerto Gaitan,	6.01 170 eP	23 02 09.1 -4.6
PTCC		eS	23 02 14.1 -0.4
VILC	Villavicencio,	6.04 185 eP	23 02 14.1 -0.4
PLMC	San Jos del P	6.08 211 eP	23 01 07.1 +0.1
PLMC		eS	23 02 11.4 -4.0
PLMC		eS	23 02 19.6
ORTE	Ortega, Tolima	6.55 199 eP	23 01 14.2 +0.7
ORTE		eS	23 02 27.9 +1.1
ORTE		eS	23 02 48.1
PRAC	Prado	6.63 195 eP	23 01 14.0 -0.5
PRAC		eS	23 02 25.6 -3.3
BCIP	Isla Barro Col	6.67 262 eP	23 01 14.0 -0.9
BCIP		eS	23 02 22.9 -6.6
BCIP		eS	23 02 29.5
YOTC	Yotoco, Valle	6.91 208 eP	23 01 17.3 -1.0
YOTC		eS	23 02 36.1
JAMC	Jamundi, Valle	7.74 207 eP	23 01 28.7 -0.9
SDDR	Pres de Saban	8.95 11 eP	23 01 47.7 +2.0
SDDR		eS	23 03 22.9 -2.0

ROM 30 23:01:59.6:0.0,43:012N:0:002:13:027E:0:003,
h9km,ML2.4/53,18C-19D,Err or ellipse: s-maj=0.3km
s-min=0.0km az=69.0,Central Italy

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
			Op	h m s	ISC
T1219	Muccia, Frazio	0.05 341	P	23 02 01.5	0.0
T1219			S	23 02 02.5	-0.3
T1219	comp=E,15300μm,0.4s		AML	AML	
T1219	comp=E,14500μm,0.4s		AML	AML	
T1219	comp=N,24650μm,0.2s		AML	AML	
T1219	comp=N,24100μm,0.2s		AML	AML	
T1219	comp=N,24700μm,0.2s		AML	AML	
T1219	comp=E,14500μm,0.3s		AML	AML	
T1219	comp=E,15300μm,0.3s		AML	AML	
FEMA	Monte Fema	0.05 162	P	23 02 01.8	+0.2
FEMA			S	23 02 03.1	0.0
FEMA			AML	AML	
FEMA	comp=E,22050μm,0.2s		AML	AML	
FEMA	comp=N,13350μm,0.1s		AML	AML	
FEMA	comp=E,22050μm,0.2s		AML	AML	
CESI	CESI - Serrava	0.09 265	P	23 02 02.6	+0.6
CESI			S	23 02 04.6	+0.9
CESI			AML	AML	
CESI	comp=E,4655μm,0.6s		AML	AML	
CESI	comp=N,5225μm,0.9s		AML	AML	
CESI	comp=N,5225μm,1.1s		AML	AML	
T1220	Camerino, Fr	0.11 25	↑P	23 02 02.7	+0.5
T1220			S	23 02 04.8	+0.7
T1220			AML	AML	
T1220	comp=N,14000μm,0.5s		AML	AML	
T1220	comp=E,30650μm,0.3s		AML	AML	
T1220	comp=N,14000μm,0.5s		AML	AML	
T1220	comp=N,14000μm,0.5s		AML	AML	
T1220	comp=N,14000μm,0.5s		AML	AML	
T1216	Preci, Frazion	0.12 183	P	23 02 03.0	+0.5
T1216			S	23 02 05.3	+0.9
T1216			AML	AML	
T1216	comp=N,4375μm,0.3s		AML	AML	
T1216	comp=E,4175μm,0.4s		AML	AML	
T1216	comp=N,4375μm,0.4s		AML	AML	
T1216	comp=N,4380μm,0.4s		AML	AML	
T1216	comp=E,4175μm,0.4s		AML	AML	
T1256	Bolognola (MC)	0.15 92	↑P	23 02 03.4	+0.5
T1256			S	23 02 05.9	+0.7
T1256			AML	AML	
T1256	comp=E,1965μm,0.8s		AML	AML	
T1256	comp=E,1970μm,0.8s		AML	AML	
T1256	comp=N,2865μm,0.6s		AML	AML	
T1256	comp=E,2120μm,0.8s		AML	AML	
T1256	comp=N,2765μm,0.3s		AML	AML	
T1256	comp=N,2865μm,1.4s		AML	AML	
SEF1	Sefro	0.15 337	P	23 02 03.4	+0.6
SEF1			S	23 02 06.1	+1.0
SEF1			AML	AML	
SEF1	comp=N,5150μm,0.5s		AML	AML	
SEF1	comp=N,5150μm,0.5s		AML	AML	
SEF1	comp=N,5155μm,0.5s		AML	AML	
SEF1	comp=N,5155μm,0.5s		AML	AML	
SEF1	comp=N,5155μm,0.5s		AML	AML	
MC2	Monte Cornacci	0.16 130	↑P	23 02 03.6	+0.6
MC2			S	23 02 06.4	+0.9
NRCA	Norcias	0.19 160	↑P	23 02 04.2	+0.6
NRCA			S	23 02 07.7	+1.4
NRCA			AML	AML	

NRCA	comp=E,4600μm,0.2s				
NRCA	comp=N,3605μm,0.2s			AML	AML
NRCA	comp=N,3860μm,0.2s			AML	AML
NRCA	comp=N,3610μm,0.2s			AML	AML
NRCA	comp=N,3860μm,1.8s			AML	AML
NRCA	comp=N,3610μm,1.8s			AML	AML
NRCA	comp=E,4595μm,0.2s			AML	AML
T1245	comp=E,4905μm,0.2s			AML	AML
T1245	comp=N,5035μm,0.3s			AML	AML
T1245	comp=N,5030μm,0.3s			AML	AML
T1245	comp=N,5030μm,0.9s			AML	AML
T1245	comp=N,4680μm,0.3s			AML	AML
T1245	comp=E,2930μm,0.2s			AML	AML
T1245	comp=N,5035μm,0.3s			AML	AML
T1245	comp=N,5030μm,0.3s			AML	AML
T1245	comp=E,2930μm,1.8s			AML	AML
T1245	comp=N,5035μm,1.1s			AML	AML
GAG1	Gagliole	0.23 7	↑P	Pg	23 02 05.2 +1.0
GAG1				S	23 02 09.3 +1.9
GUMA	Gualdo di Mace	0.23 77	↑P	Pg	23 02 05.3 +0.9
GUMA				S	23 02 09.6 +2.1
GUMA	comp=E,9025μm,0.3s			AML	AML
GUMA	comp=N,10450μm,0.3s			AML	AML
GUMA	comp=N,9820μm,0.2s			AML	AML
GUMA	comp=N,10450μm,1.7s			AML	AML
GUMA	comp=N,13400				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ABKAR, BVA0, BVAR, BKVK, AKTO, AKTO, UOSS, LSA, ZAAO, ZALV, ZALV, GNI, ARU, ARU, AKH, GTA, ONI, KBZ, KIV, RAYN, HHC, HHC, AKASG, BURAR, FINES, FINES, NB2, NOA, ASAJ, TORD, BOSAS, YKA.

IDC 30 23:26:00.1s 16.0, 35.89N:70.92E, h158km, 83km, mb3.2/3, mbmp3.77, Error ellipse: s-maj=185.5km s-min=53.1km az=173.0

NNC 30 23:26:09.9s 3.3, 37.01N:70.95E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=31.0km s-min=25.8km az=76.0

ISC 30 23:26:08.6s 2.4, 36.77N:70.92E, 0.1, h188km, n25, e1343/27, 3C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IUG, IUG, AML, AML, AML, UCH, MRKS, EK2S, KK31, AAK, AAK, AAK, KBK, ULHL, CHMS, USP, TKM2, TKM2, KST, KST, MDOK, MKAR, AB31, KURBS, BVAR, AKTO, ZALV, FINES, NOA.

IDC 30 23:27:59.5s 2.6, 9.98N:73.08W, h146km, 41km, mb2.8/2,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like mbmp3.3/3, RNSC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BARC, BRRC, PAMC, RUSC, PTBC, SPBC, ZARC, NORC, CHIC, ROSC, ROSC, HELC, UREC, VILC, VILC, PTGC, DBBC, ARGC, APAC, PRAC, SJCC, SJCC, SJCC, ORTC, ORTC, PLMC, YOTC, TXAR, YKA, ASAR, ASAR, AKASG, NNC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA, ASAR, WRA, AKASG, NNC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IUG, IUG, AML, AML, AML, KK31, MRKS, MRKS, AB31, STKA, USRK, KLR, AB31, SONM, MKAR.

IDC 30 23:34:10.6s 1.1, 19.46S:176.38W, h0km, mb4.0/3, mbmp4.0/3, Error ellipse: s-maj=188.2km s-min=99.3km az=143.0, Fiji Islands region

IDC 30 23:40:47.9s 4.4, 37.06N:70.54E, h0km, mb3.6, mpv3.3, 2C-1D, Error ellipse: s-maj=34.9km s-min=26.9km az=158.0, Afghanistan-Tajikistan border region

IDC 30 23:46:23.7s 2.3, 33.54N:105.33E, h0km, mb3.4/2, mbmp3.4/3, ML2.8/1, Error ellipse: s-maj=344.9km s-min=91.3km az=145.0, Gansu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like mbmp3.3/3, RNSC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BARC, BRRC, PAMC, RUSC, PTBC, SPBC, ZARC, NORC, CHIC, ROSC, ROSC, HELC, UREC, VILC, VILC, PTGC, DBBC, ARGC, APAC, PRAC, SJCC, SJCC, SJCC, ORTC, ORTC, PLMC, YOTC, TXAR, YKA, ASAR, ASAR, AKASG, NNC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA, ASAR, WRA, AKASG, NNC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IUG, IUG, AML, AML, AML, KK31, MRKS, MRKS, AB31, STKA, USRK, KLR, AB31, SONM, MKAR.

IDC 30 23:46:23.7s 2.3, 33.54N:105.33E, h0km, mb3.4/2, mbmp3.4/3, ML2.8/1, Error ellipse: s-maj=344.9km s-min=91.3km az=145.0, Gansu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV, RSPR, NEIC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CUPR, CUPR, CUPR, CBYP, CBYP, CBYP, MTP, MTP, MTP, MTP, GCPR, HUMP, HUMP, HUMP, SJJG, IGPR, IGPR, CDVI, CDVI, AOPR, AOPR, AOPR, AOPR, AOPR, UOPR, UOPR, OBIP, OBIP, ICMP, ICMP, MLPR, MLPR, CRPR, CRPR, CRPR, SMRT, ANBD, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SGGI, TNTI, LBMI, GTOI, SANI, TOLIZ, MYLDM, FAKI, KKM, SBUK, MTN, MTN, KNRA, KNRA, FITZ, YHNB, YHNB, WBO, WBO, WRA, WRA, WRA, PSAA0, PSAA0, RABL, RABL, ASAR, ASAR, FORT, BBOO, STKA, STKA, USRK, KLR, SONM, SONM, SONM, MK31, MK31, MKAR, MKAR, TARG, TARG, MAKZ.

IDC 30 23:54:55.0s 0.9, 3.54N:126.63E, h0km, mb4.1/8, mbmp4.0/8, Error ellipse: s-maj=88.5km s-min=16.8km az=72.0

NEIC 30 23:54:57.8s 1.8, 3.61N:0.09s, 126.76E:0.07, h10km, 1km, mb4.2/18, Error ellipse: s-maj=20.2km s-min=3.2km az=39.0

DJA 30 23:54:58.4s 1.4, 4.14N:14.12E, h73km, 18km, M4.0/9, mb4.0/6, MLV4.1/9

ISC 30 23:52:06.0s 3.6, 3.56N:107.12E, 0.08, h53km, n39, e1332/39, mb4.2/16, Taledon region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV, RSPR, NEIC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CUPR, CUPR, CUPR, CBYP, CBYP, CBYP, MTP, MTP, MTP, MTP, GCPR, HUMP, HUMP, HUMP, SJJG, IGPR, IGPR, CDVI, CDVI, AOPR, AOPR, AOPR, AOPR, AOPR, UOPR, UOPR, OBIP, OBIP, ICMP, ICMP, MLPR, MLPR, CRPR, CRPR, CRPR, SMRT, ANBD, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SGGI, TNTI, LBMI, GTOI, SANI, TOLIZ, MYLDM, FAKI, KKM, SBUK, MTN, MTN, KNRA, KNRA, FITZ, YHNB, YHNB, WBO, WBO, WRA, WRA, WRA, PSAA0, PSAA0, RABL, RABL, ASAR, ASAR, FORT, BBOO, STKA, STKA, USRK, KLR, SONM, SONM, SONM, MK31, MK31, MKAR, MKAR, TARG, TARG, MAKZ.

IDC 30 23:54:55.0s 0.9, 3.54N:126.63E, h0km, mb4.1/8, mbmp4.0/8, Error ellipse: s-maj=88.5km s-min=16.8km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, GAR Garm, KKAR Karatay Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VAO 31 01:45:53.2, 0.3, 101.24S; 74.89W, h114km, mb4.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DIAM Diamantina, MG, ROSB Rosrio, FPAL Fort Payne, etc.

1DC 31 01:00:40.2, 0.9, 23.91N; 124.72E, h0km, mb3.8/12, mbmp3.8/15, ML3.5/1, Error ellipse: s-maj=25.6km...

LVC 1.8km, 0.3s, baz=1.8, slow=1.7, SNR=1.1 Sn 01 51 21.9 -6.3

PD31 Pinedale Array 61.58 332 P P 01 55 56.4 +0.5

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PD31 Pinedale Array, PDAR Pinedale Array, etc.

31d 2h

Table with columns: WRA, MKAR, MDJ, SONM, KSRS, KSAR, GTA, PZH. Rows include Warramunga Arr, Makanchi Array, Mudanjiang, Songino Array, Korea Array, Wonju Array, Gaotai, PanZhiHua.

RSNC 31 02:03:25.7-1.3, 6.82N-73.13W, h145km, 5km, ML3.0, Mw3.6, 2D, Northern Colombia

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BARC, BRRC, PAMC, RUSC, PTBC, SPBC, ZARC, NORC, CHIC, ROSC, HELC, UREC, LLIC, VILC, PTGC, CBCC, DBBC, ARGC, ANIL, PRAC, ORTC, APAC, PLMC, SJCC, LCBC, SMRC, MACC, GARC.

IDC 31 02:15:15.9-1.5, 44.56N-9.59E, h0km, mb3.1/2, mbmp3.2/6, ML3.3/4, Error ellipse: s-maj=29.0km s-min=14.0km az=115.0
ROM 31 02:15:16.5-0.1, 44.50N-9.744E, 0.001, h11km, ML3.2/140, Error ellipse: s-maj=0.8km s-min=0.0km az=90.0
GEN 31 02:15:16.2, 44.50N-9.76E, h11km, M12.8
PRU 31 02:15:16.5-0.0, 44.52N-9.86E, h0km
LDG 31 02:15:17.2-0.1, 44.48N-9.74E, h5km, Md3.4/7, M13.2/49, Error ellipse: s-maj=1.9km s-min=1.4km az=27.0
ISC 31 02:15:16.6-0.8, 44.43N-0.02-9.71E, 0.01, h13km, 6km, n233, az09/320, 6C, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MSSA, GRAM, GORR.

2017 MAR

Main table for station data with columns: GORR, FIVI, FIVIZ, BOB, PALMARIA, PLMA, EQUI, NEVI, RONCA, PARMAR, SASSOROSSO, SARO, VILLACOLLEMAND, GUSCIOLA, VIANO, CARDOSO, SARZ, BADI, MASTIANO, PIANCASTAGN, POPPI, BOZZOLO, EUCT, ZCCA, PII, QUILIANO, ORZINUOVI, ISOLA DI GORGO, MONTE LA CROCE, MANTOVA, CAVEZZO, ROCCHETTA TANA, ROTM, MANTOVA, RAVARINO, CANOVA, MAGLIO.

1800

Main table for station data with columns: CANO, CANOVA, MONTELURO, MPPT, MILN, CRMI, RORO, SEI, MTRZ, SERM, BRIS, SALO, ZONE, MGRO, RUFU, MONC, IMOL, LMD, BALD, CSNT, MAGA, ROVR.

31d 3h

ASAR Alice Springs 44.39 254 P P 02 49 54.4 -1.1
ILAR Eielson Array 85.81 13 P P 02 54 13.4 -0.7
TXAR Lajitas Array 86.29 58 P P 02 54 17.7 +0.3
PDAR Pinedale Array 87.54 44 P P 02 54 22.4 -0.7
GERES GERES Array B 147.31 345 PKPbc PKPdf 03 01 13.9 +1.9

KRSC 31 02:45:27.7±1.8,48.75N×157.28E,h15km,42km,MI3.7, East of Kuril Islands

Code Station Name Δ° AZ° Phase ID ISC Time Res h m s ISC
PAU Pauzhetka 2.74 354 eP Op Pn 02 46 11.4 +0.3
KDTR Khodutka, Kamc 3.10 9 eP Pn 02 46 18.4 +2.3
RUS Russkaya 3.77 12 eP Pn 02 46 28.5 +3.2
MTVR Mutnovka 3.78 8 eP Pn 02 46 29.1 +3.5

TAP 31 02:46:10.9,24.89N:122.03E,h113km,ML3.3,C JMA 31 02:46:10.6±0.2,24.8N,0.7:122.0E±0.5,h115km,1km, MV2.6/10,TAIWAN REGION

ISC 31 02:46:10.6±1.5,24.88N,0.04:122.02E±0.03,h116km,7km, n110,0.068/195.3C,Taiwan region

Code Station Name Δ° AZ° Phase ID ISC Time Res h m s ISC
EGS baz=237 S Sn 02 46 26.6 +0.1
TWB1 Santiao Chiao 0.13 346 iP Pn 02 46 26.6 0.0
TIPB Shuangxi 0.20 298 P Sn 02 46 26.7 -0.1
SX11 Grass Mountain 0.25 328 P Sn 02 46 26.8 -0.3
WFSB Wu-fen Shan 0.29 311 P Pn 02 46 27.1 0.0
TWC Suao 0.31 211 P S Sn 02 46 27.2 +0.1
TNOU National Taiwa 0.35 320 iP Pn 02 46 27.2 -0.1
TWE Neicheng 0.36 244 P Sn 02 46 27.6 +0.3
NDS Dongshan 0.37 229 P Sn 02 46 27.8 +0.4
TWA Muecha 0.41 284 P Sn 02 46 27.4 -0.2
FUSB Fushanzhiwuyua 0.41 254 iP Pn 02 46 27.8 +0.1
NHDH Xindian Distri 0.46 281 P Pn 02 46 27.8 0.0
ENTT Nioudou 0.48 240 iP Pn 02 46 28.6 +0.6
NWLT Wulai 0.48 258 iP Pn 02 46 28.1 +0.1
EWUT Wuta 0.48 208 P S Sn 02 46 28.6 +0.6
YM01 YM01 0.49 303 P Pn 02 46 27.9 -0.2
TATO Taipei 0.50 281 P Pn 02 46 28.3 +0.2
ENAN Nanau 0.52 210 iP Pn 02 46 28.7 +0.5
NDT Datong Townshi 0.54 240 P S Sn 02 46 29.0 +0.6
ANP Anpu 0.55 304 P S Sn 02 46 28.3 -0.2
LATG Datong 0.57 233 iP Pn 02 46 29.3 +0.6
TWS1 Kuangyinshan 0.59 292 P Pn 02 46 29.1 +0.4
NTST Danshui 0.59 299 P Pn 02 46 28.9 +0.2
YHNB Yeheng 0.62 251 P Pn 02 46 29.3 +0.2
NSK Sanguang 0.64 252 iP Pn 02 46 29.2 +0.1
NNSB Datong 0.73 233 P S Sn 02 46 30.4 +0.5
NNSH Datong 0.73 233 eP Pn 02 46 30.5 +0.5
NCU National Centr 0.77 277 iP Pn 02 46 30.6 +0.5
NCU Zhongli 0.77 277 P Sn 02 46 45.4 +0.7

2017 MAR

NCUH baz=265 S Sn 02 46 45.4 +0.6
NACB Ninganchiao 0.80 209 P Pn 02 46 30.5 +0.1
NACB Ninganchiao 0.80 209 P Pn 02 46 30.1 -0.4
ETL Fush Village 0.80 207 P Pn 02 46 30.5 0.0
ETL Xuilin Townshi 0.83 217 P Pn 02 46 30.9 +0.1
Wufeng Townshi 0.86 254 P Pn 02 46 31.0 0.0
Chiawan 0.89 206 P Pn 02 46 30.8 -0.4
Yongunijimaku 0.94 117 P S Sn 02 46 31.9 +0.1
Emei 0.94 256 P Pn 02 46 32.2 +0.4
Fushu 0.95 229 P Pn 02 46 32.8 +0.8
Hsinchu 0.95 265 eP Pn 02 46 31.9 +0.1
Nanjuang 0.96 255 P Pn 02 46 32.2 +0.3
Yonguniji jima 0.99 115 P Pn 02 46 32.5 +0.3
Yonguniji jima 0.99 115 P Pn 02 46 32.4 +0.2
Yonguniji jima 0.99 115 iP Pn 02 46 32.3 +0.3
Tachien 0.99 231 eP Pn 02 46 33.4 +1.0
TDCB Techu 1.00 232 P Pn 02 46 33.5 +0.9
Hehuan Shan 1.00 224 P Sn 02 46 33.4 +0.6
Tongmen 1.03 208 P Pn 02 46 32.2 -0.4
Yanliu Villag 1.08 201 eP Pn 02 46 33.4 +0.3
Renai 1.12 224 iP Pn 02 46 34.8 +1.0
Taichung City 1.15 239 P Pn 02 46 34.8 +0.8
Miaoli 1.17 253 P Pn 02 46 34.8 +0.7
Shiui 1.19 207 eP Pn 02 46 35.5 +1.2
Renai 1.20 220 P Pn 02 46 35.2 +0.7
Renai 1.21 223 P Sn 02 46 35.8 +1.2
Sanyi 1.24 248 P Pn 02 46 35.7 +0.8
Jichi Village 1.24 201 eP Pn 02 46 35.0 +0.1
Liyuan 1.25 245 P Pn 02 46 35.4 +0.4
Puji Township 1.30 229 eP Pn 02 46 37.0 +1.4
Beigang Elemen 1.30 231 iP Pn 02 46 36.4 +0.9
Guoxing 1.31 230 eP Pn 02 46 35.8 +0.2
Guangfu 1.32 204 P Pn 02 46 35.8 0.0
Dajia District 1.36 248 eS Sn 02 46 55.8 +0.1
WVDT WVDT 1.38 216 P Pn 02 46 37.5 +1.1
Sun Moon Lake 1.43 226 P Sn 02 46 37.8 +0.7
Yuchr 1.44 228 P Pn 02 46 37.8 +0.7
Suanglung 1.46 222 P Pn 02 46 38.5 +1.1
Suanglung 1.46 222 iP Pn 02 46 38.2 +0.8
Ruisui 1.48 202 eP Pn 02 46 37.9 +0.3
Hungye 1.51 205 eP Pn 02 46 37.5 -0.4
Mingjing 1.58 231 eP Pn 02 46 39.2 +0.5
Xinyi Township 1.59 222 eP Pn 02 46 39.4 +0.5
Yuli 1.62 204 P Pn 02 46 39.7 +0.4
Yuli 1.62 204 eP Pn 02 46 38.7 -1.5
Changbin 1.64 199 P Pn 02 46 39.6 +0.1
Iriomote-Funau 1.64 109 P Sn 02 46 39.6 +0.1
Yuli 1.65 203 eP Pn 02 46 40.4 +0.8
Yuli 1.66 204 eP Pn 02 46 39.4 -0.3
Yu-Shan 1.69 216 eP Pn 02 46 41.9 +1.3

YUS baz=204 eS Sn 02 47 04.3 +1.0
ALS Alishan 1.76 220 eP Pn 02 46 42.1 +0.9
Tsauling 1.77 224 eP Pn 02 46 41.6 +0.5
Guolierlin Hig 1.79 237 eP Pn 02 46 41.0 -0.2
Fuli 1.80 202 eP Pn 02 46 41.9 +0.5
Doului 1.80 229 eP Sn 02 47 05.4 +0.5
Hateruma jima 1.82 116 P Sn 02 46 42.2 +0.6
Chengkung 1.87 199 eP Pn 02 46 43.0 +0.7
Haiduan 1.88 204 eP Sn 02 47 05.0 -1.4
Tuku 1.91 232 eP Pn 02 46 43.2 +0.5
Lidau 1.92 209 eP Sn 02 46 43.4 +0.4
Kuro-shima 1.92 109 P Pn 02 46 43.5 +0.7
Fanlu 1.93 222 eS Sn 02 47 08.2 +0.8
Ishigaki jima 2.00 104 P Sn 02 46 44.1 +0.3
Tsaushan 2.00 221 eP Pn 02 46 45.1 +1.1
Dongne 2.01 199 P Sn 02 46 44.0 0.0
Tayuan 2.06 214 eP Pn 02 46 45.0 +0.3
Ta-pu 2.07 219 eP Pn 02 46 45.3 +0.4
Ishigakijimahi 2.10 97 eP Pn 02 46 45.8 +0.7
Shuilin Townsh 2.12 231 eP Sn 02 46 45.6 +0.2
Longtan 2.13 203 eS Sn 02 47 11.8 -0.3
Nanshi 2.17 219 eP Pn 02 46 46.8 +0.7
Yijhu 2.20 227 eS Sn 02 47 13.5 -0.2
Jiashan 2.22 217 eP Pn 02 47 14.2 -0.2
Ludao 2.25 193 eP Pn 02 46 46.1 -1.0
Ma-tsu 2.27 304 eP Pn 02 46 47.5 +0.2
VWUC 2.34 273 eP Pn 02 46 47.9 -0.3
Dungji 2.69 234 eS Sn 02 47 22.9 -2.3

ISC 31 03:00:06.2±2.0,4.30S:102.26E,h0km,mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=115.9km s-min=27.0km az=44.0, Southern Sumatera

Code Station Name Δ° AZ° Phase ID ISC Time Res h m s ISC
WRA Warramunga Arr 34.90 119 P Op Pn 03 06 59.4 -0.6
ASAR Alice Springs 36.09 125 P P 03 07 10.0 -0.1
MKAR Matanchi Array 53.85 343 P P 03 09 31.6 +0.5
Keskin Array B 76.52 312 P P 03 11 57.9 -0.8
Lajitas Array 145.03 42 PKPbc PKPab 03 19 45.9 +0.1

IDC 31 03:02:05.7±1.1,17.55S:178.84W,h569km,10km, mb3.1/1, mbtmp4.0/12, Error ellipse: s-maj=26.4km s-min=15.4km az=138.0

ISC 31 03:02:03.6±0.7,17.6S:0.2:178.6W±0.1,h547km,n15, 0151/16,mb3.5/11,Fiji Islands region

Code Station Name Δ° AZ° Phase ID ISC Time Res h m s ISC
MSVF Nonavau 3.20 267 P P 03 03 21.7 +1.9
STKA Stephens Creek 38.63 241 P P 03 08 39.3 -1.1
WRA Warramunga Arr 44.52 259 P P 03 09 25.6 -1.5
ASAR Alice Springs 44.71 254 P P 03 09 27.6 -1.0
Vnda 60.74 185 P P 03 11 22.1 +0.1
Matsushiro Arr 67.55 323 P P 03 12 04.1 -1.8
Petropavlovsk- 73.33 345 P P 03 12 39.8 +0.2
Mina Array Bea 79.32 44 P P 03 13 13.5 +0.4
Eielson Array 85.62 13 P P 03 13 43.4 -0.7
Lajitas Array 85.98 58 P P 03 13 48.5 +1.9
Pinedale Array 87.25 44 P P 03 13 53.2 +0.6
Yellowknife Arr 94.12 25 P P 03 14 22.6 -0.8
Keskin Array B 144.44 315 PKP PKPbc PKPdf 03 20 38.1 -0.2
GERES GERES Array B 147.25 345 PKPbc PKPbc 03 20 46.1 +0.2
Tord Ar. Bea 175.57 184 PKPab PKPab 03 22 52.3 -0.8

IDC 31 03:06:51.5±1.6,4.76S:101.75E,h0km,mb3.9/7, mbtmp3.9/7,MS3.7/1, Error ellipse: s-maj=66.5km s-min=19.3km az=52.0 DJA 31 03:06:58.4±0.8,5.5S:4.10E,h14km,4km,MA.2/11,

mb4.5/1,MLv4.1/11
 ISC 31 03:06:54.0,2.0,4.51S,0.07,101.99E,0.06,h10km,12km,
 n24,r11122,mb3.9/7,Southern Sumatera

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
					h m s	ISC	
MNAI	Manna	0.97	81	P	Pn	03 07 14.5 +0.8	
MNAI	Manna	0.97	81	P	Pn	03 07 24.7 +0.8	
KSI	Kapahiang	1.04	35	P	Pn	03 07 16.5 +1.8	
KSI	Kapahiang	1.04	35	P	Pn	03 07 29.4 0.0	
MASI	Maura Aman, Be	1.38	10	P	Pg	03 07 21.4 +0.8	
LWLI	Liwa	2.12	104	P	Pn	03 07 32.0 -0.7	
LWLI	Liwa	2.12	104	P	Pn	03 07 56.0 -0.2	
PPSI	Pulau Pagai	2.63	311	P	Sb	03 07 41.6 +0.3	
PPSI	Pulau Pagai	2.63	311	P	Sb	03 08 13.1 -0.5	
KASI	Kota Agung	2.69	112	P	Sb	03 07 38.6 +1.2	
KASI	Kota Agung	2.69	112	P	Sb	03 08 09.7 -0.4	
SDSI	Sungai Dareh	3.60	351	P	Pb	03 07 56.2 -1.5	
PDSI	Padang	3.88	337	P	Pb	03 07 59.9 -2.8	
CGJI	Cibinong	4.24	120	P	P	03 07 59.3 +0.6	
CMAR	Chiang Mai Arr	2.02	353	P	P	03 12 00.8 +1.4	
						1.1nm,0.3s,baz=183,slow=2.1,SNR=7.1	
						1.1nm,0.3s	
SGY	Tagaytay City	26.36	45	LR	LR	03 23 48.6	
						comp=Z,0.9nm,0.2s,baz=95,slow=38	
H08S2	Diego Garcia H	29.49	262	T	T	03 43 29.8	
						baz=85,slow=76,SNR=6.5	
H08S3	Diego Garcia H	29.50	263	T	T	03 43 27.0	
						baz=85,slow=76,SNR=6.2	
H08S1	Diego Garcia H	29.51	262	T	T	03 43 24.6	
						baz=85,slow=76,SNR=6.2	
H01W3	Cape Leeuwin H	32.25	161	T	T	03 47 18.9	
						baz=334	
H01W2	Cape Leeuwin H	32.27	161	T	T	03 47 19.8	
						baz=334	
H01W1	Cape Leeuwin H	32.27	161	T	T	03 47 22.6	
						baz=334,SNR=2.9	
WRA	Warramunga Arr	35.03	319	P	P	03 13 46.5 -0.7	
						0.7nm,0.7s,baz=321,slow=11,SNR=11	
						0.7nm,0.7s	
ASAR	Alice Springs	36.19	125	P	P	03 13 56.8 -0.4	
						0.7nm,0.5s,baz=303,slow=8.1,SNR=7.6	
						0.7nm,0.6s	
S0NM	Songino Array	52.27	4	P	P	03 16 06.4 +0.7	
						1.2nm,0.6s,baz=144,slow=8.6,SNR=21	
						1.6nm,0.5s	
MKAR	Makanchi Array	59.97	343	P	P	03 16 18.5 +0.4	
						1.6nm,0.5s,baz=144,slow=8.6,SNR=21	
						1.6nm,0.5s	
ZALV	Zalesovo Beam	60.00	348	P	P	03 17 00.5 -0.1	
						1.7nm,0.4s,baz=157,slow=3.1,SNR=4.1	
						1.7nm,0.4s	
BRTR	Keskin Array B	76.47	312	P	P	03 18 43.5 -1.0	
						0.7nm,0.6s,baz=134,slow=8.6,SNR=5.3	
						0.7nm,0.6s	
TXAR	Lajitas Array	145.36	42	PKPbc	PKPab	03 26 33.0 -0.1	
						2.2nm,0.8s,baz=283,slow=8.0,SNR=24	

ISC 31 03:09:14.8,1.0,3.178S,179.94E,h331km,14km,mb2.7/1,
 mbtmp3.9/3,Error ellipse: s-maj=50.2km s-min=14.7km
 az=117.0

WEL 31 03:09:19.3,0.6,32.7S,178.0W,1.6,h277km,12km,
 M3.8/18,mb4.3/11,ML4.7/23,MLv4.6/18,MW(mb)3.4/11,
 Error ellipse: s-maj=0.0km s-min=0.0km az=110.4

ISC 31 03:09:14.3,0.9,3.189S,0.08:179.8W,0.1,h350km,n42,
 az=207/61,Kermadec Islands region

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
					h m s	ISC	
GLKZ	Green Lake	3.06	32	P	Pn	03 10 43.0 0.0	
GLKZ	Green Lake	3.06	32	P	Pn	03 11 00.1 -2.3	
RAO	Raoul Island	3.07	32	P	Pn	03 10 14.5 +0.1	
						87nm,0.2s,baz=132,slow=2.1,SNR=1.1	
RAO	Raoul Island	3.07	32	P	Pn	03 11 01.5 -1.1	
						241nm,0.3s,baz=239,slow=22,SNR=3.5	
MXZ	Matakoa Point	5.88	195	P	S	03 10 46.7 +3.1	
MXZ	Matakoa Point	5.88	195	P	S	03 11 52.9 -3.2	
HAZ	Te Kaha	6.20	198	P	S	03 10 50.3 +3.1	
HAZ	Te Kaha	6.20	198	P	S	03 11 59.9 -2.1	
PKGZ	Pakihiroa	6.25	196	S	Pn	03 10 49.7 +1.8	
PKGZ	Pakihiroa	6.25	196	S	Pn	03 12 03.8 -0.8	
PUZ	Puketiti	6.38	194	S	Pn	03 10 52.7 +3.3	
PUZ	Puketiti	6.38	194	S	Pn	03 12 05.6 -1.1	
RUGZ	Raukumara Rang	6.42	198	S	Pn	03 10 53.4 +3.5	
RUGZ	Raukumara Rang	6.42	198	S	Pn	03 12 04.3 -3.4	
OUZ	Omuhuta	6.47	237	P	Pn	03 10 53.8 +2.9	
CNGZ	Carnagh Statio	6.79	194	P	Pn	03 10 58.3 +4.2	
MWZ	Matawai	6.81	198	P	Pn	03 10 58.1 +3.7	
MWZ	Matawai	6.81	198	P	Pn	03 12 14.1 -1.6	
URZ	Urewera	6.86	201	P	Pn	03 10 56.9 +2.0	
						5.4nm,0.3s,baz=344,slow=4.8,SNR=2.8	
URZ	Urewera	6.86	201	P	Pn	03 12 14.5 -2.2	
						1.8nm,0.4s,baz=331,slow=22,SNR=4.2	
URZ	Urewera	6.86	201	P	Pn	03 10 57.4 +2.5	
URZ	Urewera	6.86	201	P	Pn	03 12 15.4 -1.3	
RAZG	Rawiri	6.99	199	P	Pn	03 10 49.1 +2.5	
RAZG	Rawiri	6.99	199	P	Pn	03 12 20.4 +0.7	
TOZ	Tahuroa Road	7.01	212	P	Pn	03 10 57.1 +0.3	
RIGZ	Rimuhau	7.10	196	P	Pn	03 10 59.2 +1.5	
RIGZ	Rimuhau	7.10	196	P	Pn	03 12 17.7 -0.2	
RTZ	Ruatuhuna	7.22	201	P	Pn	03 11 01.3 +2.0	
RTZ	Ruatuhuna	7.22	201	P	Pn	03 12 18.8 -2.9	
SNZG	Shannon Statio	7.28	198	P	Pn	03 11 02.8 +3.0	
SNZG	Shannon Statio	7.28	198	P	Pn	03 12 24.6 -1.1	
KNZ	Kohoko	7.42	196	P	S	03 11 01.1 -0.3	
KNZ	Kohoko	7.42	196	P	S	03 12 26.7 -2.1	
RAHZ	Arahi	7.47	199	P	S	03 11 04.7 +2.6	
RAHZ	Arahi	7.47	199	P	S	03 12 37.3 -2.3	
TLZ	Tolley Road	7.50	210	P	Pn	03 11 07.7 +5.3	
MHGZ	Mahia Peninsul	7.50	194	P	Pn	03 11 06.6 +4.2	
NMHZ	Naumai	7.72	200	P	Pn	03 11 08.0 +2.8	
NMHZ	Naumai	7.72	200	P	Pn	03 12 34.6 -0.8	
ARHZ	Aropaoanui	7.82	199	P	Pn	03 11 08.4 +2.1	
ARHZ	Aropaoanui	7.82	199	P	Pn	03 12 36.4 -1.1	
BKZ	Black Stump Fm	7.88	202	P	Pn	03 11 09.0 +2.1	
BKZ	Black Stump Fm	7.88	202	P	Pn	03 12 37.0 -1.8	
ETVZ	East Tongariro	8.12	206	P	P	03 11 12.4 +0.5	
OTVZ	Oturere	8.16	206	P	P	03 11 12.6 -0.8	
OTVZ	Oturere	8.16	206	P	P	03 12 27.8 +2.9	
SNVZ	South Ngauruho	8.19	206	P	P	03 11 12.8 -0.9	
NGZ	Ngauruhoe	8.20	206	P	P	03 11 13.6 -0.2	
TUVZ	Tukino	8.26	206	P	P	03 11 13.8 -0.6	
BHZ	Black Hill Sta	8.31	203	P	Pn	03 11 13.1 +1.0	
TRVZ	Turoa	8.33	206	P	Pn	03 11 14.1 +1.7	
WNVZ	Wahianoa	8.35	206	P	Pn	03 11 13.9 +1.4	
KAHZ	Kahurangi	8.35	198	P	Pn	03 11 14.1 +1.6	
VRZ	Vera Road	8.49	210	P	Pn	03 11 17.9 +1.0	
PKZ	Pawanui	8.58	198	P	Pn	03 11 16.6 +1.4	
PNHZ	Pukenui	8.65	201	P	Pn	03 11 17.0 +0.9	
TSZ	Takapari Road	8.86	202	P	Pn	03 11 15.4 +0.8	
BFZ	Birch Farm	9.35	199	P	Pn	03 11 25.0 -1.0	
WRA	Warramunga Arr	42.69	275	P	P	03 16 38.0 -0.3	
						0.2nm,0.4s,baz=112,slow=8.1,SNR=5.0	
						0.2nm,0.4s	
FINES	FINES Array B	145.99	338	PKPbc	PKPab	03 28 13.9 0.0	
						1.2nm,0.5s,baz=49,slow=4.1,SNR=16	
NB2	NORSAR Subarr149.96	349	PKP	PKIKP	PKIKP	03 28 24.3 +0.6	
						comp=Z,0.3nm,0.5s,baz=14,slow=2.5	
NOA	NORSAR Array B	149.96	349	PKPbc	PKIKP	03 28 24.5 +0.8	
						comp=Z,0.3nm,0.5s,baz=12,slow=4.1,SNR=4.5	

NEIC 31 03:15:17.7,1.7,16.4N,0.1:148.5E,0.1,h10km,1km,
 mb4.4/16,Error ellipse: s-maj=21.5km s-min=16.3km
 az=137.0

ISC 31 03:15:17.1,0.9,16.60N,148.56E,h0km,mb3.8/11,
 mbtmp3.9/11,Error ellipse: s-maj=31.5km s-min=18.7km
 az=95.0

ISC 31 03:15:21.0,1.6,16.39N,0.08:148.46E,0.09,h35km,n41,
 r124/39,mb4.2/19,Mariana Islands region

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
					h m s	ISC	
GUMO	Guam	4.44	232	P	Pn	03 16 24.1 -1.9	
GUMO	Guam	4.44	232	P	Pn	03 16 24.1 -1.9	
GUMO	Guam	4.44	232	P	Pn	03 17 16.1 -0.5	
PATS	Pohnpei	13.53	133	Pn	Pn	03 18 29.4 -1.2	
H11S3	WAKE ISLAND Hy	17.52	80	T	T	03 37 30.3	
						baz=265,SNR=3.4	
H11S1	WAKE ISLAND Hy	17.54	80	T	T	03 37 34.3	
						baz=265	

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
					h m s	ISC	
H11S2	WAKE ISLAND Hy	17.54	80	T	T	03 37 31.0	
						baz=265	
MJAR	Matsushiro Arr	22.04	338	P	P	03 20 11.9 -0.8	
						1.2nm,0.6s,baz=165,slow=9.7,SNR=2.6	
						1.2nm,0.6s	
KLR	Kul'dur	35.47	341	P	P	03 22 13.7 -0.5	
						1.2nm,0.6s,baz=126,slow=6.6,SNR=6.8	
WBO	Warramunga Arr	38.49	202	P	P	03 22 42.5 +2.4	
WBO	Warramunga Arr	38.49	202	P	P		

31d 4h

SCRK	Sand Creek	83.98	24	P	Iamb	P	04 47 32.4 -0.6
SCRK	Sand Creek	83.98	24	P	Iamb	P	04 47 34.7
SCRK	Sand Creek	83.98	24	P	P	P	04 47 33.7 +0.7
PINM	Pinnacle	84.02	28	P	P	P	04 47 34.3 +1.1
D23K	Nanushuk River	84.06	18	P	P	P	04 47 34.7 +1.6
KBK	Karagaybulak	84.17	314	P	P	P	04 47 36.0 +1.6
M27K	Edge Creek, AK	84.17	25	Iamb	Iamb	P	04 47 38.9
M27K	Edge Creek, AK	84.17	25	P	P	P	04 47 35.7 +1.7
F24K	Squaw Lake	84.21	20	P	P	P	04 47 35.3 +1.4
PNL	Peninsula	84.26	28	P	P	P	04 47 35.5 +1.2
E24K	Your Creek	84.29	19	P	P	P	04 47 35.4 +1.0
O28M	Mount Dupton	84.30	27	P	P	P	04 47 35.2 +0.3
CHMS	Chumysh	84.38	314	P	P	P	04 47 35.6 +0.2
UCH	Uchtor	84.38	313	P	P	P	04 47 36.9 +1.0
QSPA	South Pole Qui	84.41	180	P	P	P	04 47 35.6 +0.4
QSPA	South Pole Qui	84.41	180	P	Iamb	Iamb	04 47 35.9 +0.8
G25K	Bearman Lake	84.45	21	P	P	P	04 47 36.0 +0.9
L27K	Beaver Creek	84.48	25	Iamb	Iamb	P	04 47 39.3
L27K	Beaver Creek	84.48	25	P	P	P	04 47 36.5 +1.1
AAK	Ala-Archa	84.49	314	P	P	P	04 47 37.1 +1.0
AAK	Ala-Archa	84.49	314	LR	LR	P	05 25 23.5
AAK	Ala-Archa	84.49	314	P	Iamb	Iamb	04 47 35.7 -0.4
AAK	Ala-Archa	84.49	314	ceP	pmax	pmax	04 47 36.9 +0.8
MAW	Mawson	84.50	203	LR	LR	P	05 22 06.3
YU3K	Moose Creek	84.56	26	P	P	P	04 47 37.0 +1.0
SGDS	Sogindy	84.57	314	eP	P	P	04 47 35.9 -0.5
SGDS	Sogindy	84.57	314	eP	P	P	04 47 35.8 -0.5
USP	Ospenovka	84.62	314	P	P	P	04 47 37.6 +1.0
BVCY	Beaver Creek	84.63	26	P	P	P	04 47 37.0 +0.8
FYU	Fort Yukon	84.67	21	Iamb	Iamb	P	04 47 38.5
YU8K	Steele Glacier	84.68	27	P	P	P	04 47 37.8 +1.0
K27K	Chicken	84.77	24	Iamb	Iamb	P	04 47 44.0
K27K	Chicken	84.77	24	P	P	P	04 47 38.0 +1.2
O29M	Mount Kennedy	84.87	28	P	P	P	04 47 37.6 0.0
I26K	Coal Creek Min	84.88	22	Iamb	Iamb	P	04 47 39.8
I26K	Coal Creek Min	84.88	22	P	P	P	04 47 37.6 +0.3
AML	Almayashu	84.96	313	P	P	P	04 47 39.8 +1.1
F55K	Christian River	85.00	20	P	P	P	04 47 38.7 +0.8
EKS2	Erkin-Say	85.01	314	P	P	P	04 47 39.5 +0.8
C24K	Franklin Bluff	85.06	18	P	P	P	04 47 39.4 +1.3
YU4K	Talbot Arm	85.21	27	P	P	P	04 47 40.3 +1.0
E25K	Arctic Village	85.27	20	P	P	P	04 47 40.3 +1.0
BTL5	Baital	85.33	316	eP	P	P	04 47 40.4 +0.4
BTL5	Baital	85.33	316	eP	pmax	pmax	04 47 40.4 +0.4
G26K	Porcupine River	85.36	21	P	P	P	04 47 40.5 +0.8
SIT	Sitka	85.42	32	P	P	P	04 47 40.7 +0.6
EGAK	Eagle	85.43	23	Iamb	Iamb	P	04 47 45.3
EGAK	Eagle	85.43	23	P	P	P	04 47 41.2 +1.1
HYT	Haines Junctio	85.55	28	Iamb	Iamb	P	04 47 43.0
HYT	Haines Junctio	85.55	28	P	P	P	04 47 41.6 +0.7
F26K	Sheenjek River	85.56	20	P	P	P	04 47 41.9 +1.2
P30M	Million Dollar	85.57	28	P	P	P	04 47 41.6 +0.6
D25K	Kavik River	85.58	18	P	P	P	04 47 41.8 +1.0
I27K	Kandik River	85.59	22	P	P	P	04 47 41.8 +0.9
R31K	City Hall, Gus	85.62	30	P	P	P	04 47 41.7 +0.6
PLBC	Pleasant Camp	85.64	29	P	P	P	04 47 42.2 +0.9
M29N	Somme Creek	85.68	26	P	P	P	04 47 42.3 +0.7
DAWY	Dawson	85.87	24	Iamb	Iamb	P	04 47 44.9
DAWY	Dawson	85.87	24	P	P	P	04 47 43.1 +0.7
H27K	Steamboat Moun	85.87	22	P	P	P	04 47 43.1 +0.8
DIB	Dawson Inlet,	85.92	36	P	P	P	04 47 43.3 +0.6
S32K	Killinoos	85.93	31	P	P	P	04 47 43.4 +0.7
N30M	Aishikkik Lake	85.95	27	P	P	P	04 47 43.8 +1.0
L29M	L29M	86.06	25	P	P	P	04 47 44.3 +1.1
G27K	Doyon Strip	86.06	21	P	P	P	04 47 45.0 +1.7
SKAG	Skagway	86.15	29	P	P	P	04 47 44.8 +1.1
CRAQ	Craig	86.15	33	P	P	P	04 47 44.7 +0.9
O30N	Mendenhall	86.19	28	P	P	P	04 47 45.4 +1.4
R32K	Eaglecrest	86.20	31	P	P	P	04 47 44.8 +0.8
C26K	Camden Bay	86.31	18	P	P	P	04 47 45.7 +1.4
U33K	Whale Pass	86.32	33	P	P	P	04 47 45.4 +0.7
M30M	Minto, Yukon	86.45	26	Iamb	Iamb	P	04 47 47.7
M30M	Minto, Yukon	86.45	26	P	P	P	04 47 47.0 +1.7
J29M	Klondike Camp	86.49	24	P	P	P	04 47 47.0 +1.6
C27K	Jago River	86.55	18	P	P	P	04 47 47.3 +1.7
N31M	Braeburn, Yuko	86.56	27	P	P	P	04 47 47.2 +1.4
N31M	Braeburn, Yuko	86.56	27	P	P	P	04 47 47.0 +1.2
K29N	Barlow Dome	86.57	25	P	P	P	04 47 46.9 +1.1
T33K	Petersburg	86.60	32	P	P	P	04 47 47.6 +1.7
E27K	Coleen River	86.64	20	P	P	P	04 47 47.4 +1.4
BTK	Batken	86.69	311	Iamb	Iamb	P	04 47 48.2
I29M	Ogilvie Camp,	86.77	23	Iamb	Iamb	P	04 47 52.0
I29M	Ogilvie Camp,	86.77	23	P	P	P	04 47 47.9 +1.2

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DZA	Taraz	86.82	313	eP	P	P	04 47 47.9 +0.3
DZA	Taraz	86.82	313	eP	P	P	04 47 47.8 +0.3
WRAK	Wrangell Island	86.82	33	P	P	P	04 47 48.0 +0.9
GAR	Garm	86.90	309	Iamb	Iamb	P	04 48 00.3
V35K	Ketchikan	86.95	34	P	P	P	04 47 49.2 +1.5
P32M	Drury Creek, Y	86.97	29	P	P	P	04 47 48.9 +1.0
MAYO	Mayo, Yukon	87.17	25	P	P	P	04 47 49.6 +1.0
BRZ5	Berezki	87.28	321	eP	P	P	04 47 48.5 -1.1
BRZ5	Berezki	87.28	321	eP	P	P	04 47 48.4 -1.1
M31M	Drury Creek, Y	87.40	27	Iamb	Iamb	P	04 47 51.8
M31M	Drury Creek, Y	87.40	27	P	P	P	04 47 50.6 +0.8
KK31	Karatay Array	87.45	314	P	Iamb	Iamb	04 47 50.5 0.0
KK31	Karatay Array	87.45	314	P	pmax	pmax	04 47 50.5 0.0
KKAR	Karatay Array	87.45	314	P	Iamb	Iamb	04 47 49.7 -0.8
KKAR	Karatay Array	87.45	314	P	Iamb	Iamb	04 47 51.8
KKAR	Karatay Array	87.45	314	P	pmax	pmax	04 47 49.7 -0.8
Q32M	Nekton River	87.52	30	P	P	P	04 47 51.7 +1.0
P33M	Teslin, Yukon	87.58	29	Iamb	Iamb	P	04 47 53.0
P33M	Teslin, Yukon	87.58	29	P	P	P	04 47 51.8 +1.0
IUG	Iuzhnay	87.64	313	eP	P	P	04 47 52.0 +0.5
IUG	Iuzhnay	87.64	313	eP	P	P	04 47 52.0 +0.5
EPYK	Eagle Plains	87.73	22	P	P	P	04 47 52.2 +0.8
S34M	Telegraph Cree	87.83	31	P	P	P	04 47 53.6 +1.7
FARO	Faro, Yukon	87.88	27	P	P	P	04 47 53.1 +1.0
T35M	Bob Quinn	88.08	32	P	P	P	04 47 55.0 +1.8
G30M	Bella Bella	88.12	22	LR	LR	P	04 47 54.0 +0.8
B3B	Bella Bella	88.28	37	LR	LR	P	05 22 50.0
DLBC	Dease Lake	88.53	31	LR	LR	P	05 21 46.4
DLBC	Dease Lake	88.53	31	P	P	P	04 47 56.7 +1.3
MMPY	Sheldon Lake,	88.92	27	P	P	P	04 47 58.5 +1.5
F31M	Tsigehtchic	89.18	22	P	P	P	04 47 58.9 +0.8
BVAR	Borovyoye Array	89.27	323	LR	LR	P	05 30 40.2
BRVK	Borovyoye	89.34	325	P	Iamb	Iamb	04 47 57.4 -1.7
BRVK	Borovyoye	89.34	325	ceP	pmax	pmax	04 47 58.4 -0.7
INK	Inuvik	89.50	21	LR	LR	P	05 28 42.3
INK	Inuvik	89.50	21	Iamb	Iamb	P	04 48 01.0
INK	Inuvik	89.50	21	P	P	P	04 48 00.7 +1.2
WTLY	Watson Lake, Y	89.51	29	P	P	P	04 48 00.1 +0.3
YBH	Yreka Blue Hor	90.28	48	LR	LR	P	05 21 08.0
YBH	Yreka Blue Hor	90.28	48	P	Iamb	Iamb	04 48 03.9 -0.1
YBH	Yreka Blue Hor	90.28	48	P	pmax	pmax	04 48 03.9 -0.1
L04D	Klamath Falls	90.64	48	P	P	P	04 48 06.3 +0.6
LIRD	Liard River Hi	90.72	30	P	P	P	04 48 06.2 +0.7
HOOD	Mount Hood Mea	91.46	45	P	P	P	04 48 09.6 +0.1
KOTAN	Kotaneleez Air	91.85	30	P	P	P	04 48 11.8 +1.1
LLBL	Lillooet	91.90	40	Iamb	Iamb	P	04 48 13.3
LTY	Liberty	92.34	43	Iamb	Iamb	P	04 48 15.0
WRGLY	Wrigley	92.54	27	P	P	P	04 48 14.7 +0.9
YERR	Ferryington	92.62	51	Iamb	Iamb	P	04 48 25.1
A36M	Sachs Harbour	93.06	18	P	P	P	04 48 17.0 +1.0
C36M	Paulatuk	93.08	21	P	P	P	04 48 15.7 -0.5
C36M	Paulatuk	93.08	21	P	P	P	04 48 16.7 +0.6
EDW2	Edwards Air Fo	93.28	55	P	P	P	04 48 18.1 +0.1
NVAR	Mina Array Bea	93.31	52	P	P	P	04 48 19.8 +1.5
NVAR	Mina Array Bea	93.31	52	P	P	P	05 26 39.4
NV11	Mina Array Sit	93.43	52	P	Iamb	Iamb	04 48 18.4 -0.3
DSP	Deep Springs	93.49	53	Iamb	Iamb	P	04 48 21.9
KVN	Kaiserville	93.52	51	Iamb	Iamb	P	04 48 21.6
MPMC	Manual Prospec	93.78	54	P	P	P	04 48 20.7 +0.3
GRAC	Grapevine Rang	93.95	53	P	P	P	04 48 21.1 +0.1
QSM	Queen of Sheba	94.28	54	Iamb	Iamb	P	04 48 21.4
BMN	Battle Mountai	94.29	50	Iamb	Iamb	P	04 48 25.0
PFO	Pinyon Flats O	94.46	57	LR	LR	P	05 22 55.9
BMO	Blue Mountains	94.49	46	P	P	P	04 48 23.1 -0.3
BMO	Blue Mountains	94.49	46	P	pmax	pmax	04 48 23.1 -0.3
NEW	Newport	94.80	42	LR	LR	P	05 27 35.2
NEW	Newport	94.80	42	Iamb	Iamb	P	04 48 26.5

SHOC	baz=239	74.40	45	P	P	07 10 51.6 +0.1
SHOC	Shoshone, Teco	74.40	45	P	P	07 10 51.6 +0.1
NVAR	Minna Array Bea	74.45	42	P	P	07 10 52.4 +0.5
NVAR	comp=Z,14nm,0.8s	74.45	42	P	P	07 10 52.4 +0.5
PAHR	Pah Rah Range	74.50	40	P	I	07 10 52.4 +0.3
PAHR	comp=Z,22nm,1.1s	74.50	40	P	I	07 10 52.4 +0.3
QSPA	South Pole Qui	74.59	180	P	I	07 10 52.8 +0.5
QSPA	comp=Z,16nm,0.9s	74.59	180	P	I	07 10 52.8 +0.5
214A	Organ Pipe Nat	74.84	50	P	P	07 10 54.1 -0.1
214A	baz=241	74.84	50	P	P	07 10 54.1 -0.1
KDAK	Kodiak Island	75.00	11	LR	LR	07 36 25.2
KDAK	comp=Z,85nm,19.4s,ba	75.00	11	LR	LR	07 36 25.2
PDMC1	Parker Dam,Lak	75.05	48	P	P	07 10 55.8 +0.5
PDMC1	baz=239	75.05	48	P	P	07 10 55.8 +0.5
MOD	Modoc Plateau	75.24	38	P	I	07 10 56.4 0.0
MOD	comp=Z,27nm,1.0s	75.24	38	P	I	07 10 56.4 0.0
P16K	Nushagak River	75.30	8	P	P	07 10 56.9 +0.8
P16K	baz=196	75.30	8	P	P	07 10 56.9 +0.8
K05A	Summer Lake	75.39	37	P	P	07 10 57.8 +0.5
J05D	Fort Rock, OR	75.53	37	P	P	07 10 58.2 +0.2
O16K	Kokwok River B	75.83	8	P	P	07 10 59.7 +0.6
O16K	baz=196	75.83	8	P	P	07 10 59.7 +0.6
Q19K	Cape Douglas,	75.88	10	P	P	07 10 59.6 +0.2
Q19K	baz=200	75.88	10	P	P	07 10 59.6 +0.2
PINE	Pine Mountain	76.01	36	P	P	07 11 01.1 +0.3
P18K	Big Mountain,	76.06	10	P	P	07 10 59.9 -0.5
P18K	baz=198	76.06	10	P	P	07 10 59.9 -0.5
O17K	Koliganek Bris	76.14	8	P	P	07 11 00.5 -0.3
O17K	baz=196	76.14	8	P	P	07 11 00.5 -0.3
R11B	Troy Canyon, C	76.18	43	P	P	07 11 01.7 -0.2
R11B	baz=237,SNR=5.4	76.18	43	P	P	07 11 01.7 -0.2
BMN	Battle Mountain	76.27	41	P	I	07 11 02.1 -0.2
BMN	comp=Z,20nm,0.9s	76.27	41	P	I	07 11 02.1 -0.2
TUC	Tucson	76.52	51	P	P	07 11 04.4 +0.6
TUC	comp=Z,27nm,1.1s	76.52	51	P	P	07 11 04.4 +0.6
TUC	baz=242	76.52	51	P	P	07 11 03.9 +0.2
I07A	Izeze	77.01	37	P	P	07 11 06.8 +0.5
X16A	Lo Mia Camp, P	77.07	49	I	I	07 11 07.4 +0.6
X16A	comp=Z,23nm,1.3s	77.07	49	I	I	07 11 06.8 +0.5
BRSE	Bradley Lake S	77.18	12	P	P	07 11 06.6 -0.2
BRSE	baz=203	77.18	12	P	P	07 11 06.6 -0.2
319A	Douglas	77.22	52	P	I	07 11 08.0 +0.2
319A	comp=Z,28nm,1.0s	77.22	52	P	I	07 11 08.0 +0.2
KNB	Kanab	77.35	46	P	P	07 11 08.8 +0.3
USRK	Ussuriysk Ar.	77.36	323	LR	LR	07 38 50.0
USRK	comp=Z,57nm,21.0s,ba	77.36	323	LR	LR	07 38 50.0
SZCU	Shurtz Canyon	77.46	45	P	I	07 11 09.6 +0.4
SZCU	comp=Z,30nm,1.4s	77.46	45	P	I	07 11 09.6 +0.4
N19K	Bonanza Creek	77.53	9	P	P	07 11 08.3 -0.5
N19K	baz=199	77.53	9	P	P	07 11 08.3 -0.5
WUAZ	Wupatki	77.62	48	P	P	07 11 10.2 +0.1
WUAZ	comp=Z,241,SNR=6.0	77.62	48	P	P	07 11 10.2 +0.1
ELK	Elko	77.70	41	P	P	07 11 10.7 +0.3
G08A	Pilot Rock	78.05	36	I	I	07 11 12.1 0.0
G08A	comp=Z,16nm,1.1s	78.05	36	I	I	07 11 12.1 0.0
MSU	Marysvalde	78.55	45	P	P	07 11 15.6 +0.4
M19K	Big River Lodg	78.58	9	P	P	07 11 13.9 -0.6
M19K	baz=199	78.58	9	P	P	07 11 13.9 -0.6
RC01	Rabbit Creek A	78.62	12	P	P	07 11 13.8 -0.9
RC01	baz=204	78.62	12	P	P	07 11 13.8 -0.9
M20K	Styx River	78.75	10	P	P	07 11 15.4 -0.2
M20K	baz=200	78.75	10	P	P	07 11 15.4 -0.2
L19K	White Mountain	78.77	9	P	P	07 11 15.6 0.0
L19K	baz=198	78.77	9	P	P	07 11 15.6 0.0
SUA	Susitna One	78.78	11	P	P	07 11 15.5 -0.2
SUA	baz=202	78.78	11	P	P	07 11 15.5 -0.2
121A	Cookes Peak, D	78.87	52	P	P	07 11 16.4 -0.6
121A	baz=242	78.87	52	P	P	07 11 16.4 -0.6
121A	Cookes Peak, D	78.87	52	P	P	07 11 17.5 +0.5
121A	baz=244	78.87	52	P	P	07 11 17.5 +0.5
EYAK	Cordova Ski Ar	78.96	14	P	P	07 11 17.2 -0.6
EYAK	baz=204	78.96	14	P	P	07 11 17.2 -0.6
DUG	Dugway, Tooele	78.98	43	P	P	07 11 17.0 -0.4
DUG	baz=239,SNR=6.2	78.98	43	P	P	07 11 17.0 -0.4
MDJ	Mudanjiang	79.00	322	P	P	07 11 20.0 +2.8
MDJ	comp=Z,2.0nm,0.9s	79.00	322	P	P	07 11 20.0 +2.8
MDJ	pp	79.00	322	P	P	07 11 37.5 +0.9
MDJ	sp	79.00	322	P	P	07 11 46.0 +1.6
MDJ	s	79.00	322	P	P	07 21 12.0 +1.8
MDJ	SKKSac	79.00	322	P	P	07 21 28.8 +1.1
MDJ	pmax	79.00	322	P	P	07 21 28.8 +1.1
MDJ	pmax	79.00	322	P	P	07 21 28.8 +1.1
MDJ	pmax	79.00	322	P	P	07 21 28.8 +1.1
ZAIG	Zacatecas	79.13	63	P	P	07 11 18.8 0.0
ZAIG	comp=Z,160nm,11.8s	79.13	63	P	P	07 11 18.8 0.0
PMR	Palmer	79.20	12	P	P	07 11 17.9 0.0
PMR	baz=204	79.20	12	P	P	07 11 17.9 0.0
L20K	Farewell, AK	79.20	9	P	P	07 11 17.5 -0.4
L20K	baz=199	79.20	9	P	P	07 11 17.5 -0.4
HLID	Hailey	79.74	39	P	I	07 11 21.5 0.0
HLID	comp=Z,17nm,0.9s	79.74	39	P	I	07 11 21.5 0.0
HLID	baz=237,SNR=17	79.74	39	P	I	07 11 20.8 -0.7
HLID	comp=Z,237,SNR=17	79.74	39	P	I	07 11 20.8 -0.7
SCM	Sheep Creek Mo	79.78	12	P	P	07 11 21.0 -0.1
SCM	baz=206	79.78	12	P	P	07 11 21.0 -0.1
P17A	Butcher Ranch,	80.00	44	P	P	07 11 23.2 +0.2
P17A	baz=199	80.00	44	P	P	07 11 23.2 +0.2
K20K	Telida	80.00	9	P	P	07 11 21.9 -0.4
K20K	baz=199	80.00	9	P	P	07 11 21.9 -0.4
ANM	Nome	80.02	4	P	P	07 11 22.9 +0.7
ANM	baz=188	80.02	4	P	P	07 11 22.9 +0.7
NJ2	Nanjing	80.10	307	eP	P	07 11 25.3 +1.9
NJ2	comp=Z,10nm,0.8s	80.10	307	eP	P	07 11 25.3 +1.9
NJ2	pp	80.10	307	eP	P	07 11 44.3 +1.4
NJ2	sp	80.10	307	eP	P	07 11 51.0 +0.3
NJ2	pmax	80.10	307	eP	P	07 11 51.0 +0.3
NJ2	pmax	80.10	307	eP	P	07 11 51.0 +0.3
NJ2	pmax	80.10	307	eP	P	07 11 51.0 +0.3
NJ2	pmax	80.10	307	eP	P	07 11 51.0 +0.3
Y22A	Socorro	80.11	51	P	P	07 11 24.2 +0.6
Y22A	comp=Z,370nm,4.3s	80.11	51	P	P	07 11 24.2 +0.6
N25K	Chitina, Valde	80.16	14	P	P	07 11 23.5 +0.3
N25K	baz=244	80.16	14	P	P	07 11 23.5 +0.3
MA2	Magadan	80.18	342	LR	LR	07 43 01.0
MA2	comp=Z,47nm,20.7s,ba	80.18	342	LR	LR	07 43 01.0
M24K	Tolsona, Glenn	80.26	13	P	P	07 11 24.0 +0.3
M24K	baz=207	80.26	13	P	P	07 11 24.0 +0.3
MCARA	McCarthy VSAT	80.33	14	P	P	07 11 23.5 +0.0
MCARA	baz=210	80.33	14	P	P	07 11 23.5 +0.0
MNTX	Cornudas Mount	80.35	53	P	P	07 11 23.9 -0.9
MNTX	baz=245,SNR=14	80.35	53	P	P	07 11 23.9 -0.9
MNTX	Cornudas Mount	80.35	53	P	P	07 11 25.2 +0.3
MNTX	baz=245	80.35	53	P	P	07 11 25.2 +0.3
BNM	Barren Site	80.45	51	P	P	07 11 25.8 +0.2
BSUT	Blindstream Ca	80.51	43	P	P	07 11 26.2 +0.3
Q29M	Mount Kennedy	80.56	17	P	P	07 11 24.7 -0.7
Q29M	baz=214	80.56	17	P	P	07 11 24.7 -0.7
TRF	Thorofore Moun	80.70	10	P	P	07 11 24.8 -1.4
TRF	baz=203,SNR=5.1	80.70	10	P	P	07 11 24.8 -1.4
TX31	Lajitas Ar. Si	80.74	56	P	P	07 11 28.6 +1.5
TX31	baz=247	80.74	56	P	P	07 11 28.6 +1.5
TXAR	Lajitas Array	80.74	56	P	P	07 11 27.5 +0.4
TXAR	comp=Z,9.5nm,1.1s,ba	80.74	56	P	P	07 11 27.5 +0.4
TXAR	comp=Z,9.5nm,1.1s	80.74	56	P	P	07 11 27.5 +0.4
CHUM	Lake Minchumir	80.77	9	P	P	07 11 25.5 -0.8
CHUM	baz=201	80.77	9	P	P	07 11 25.5 -0.8
NEW	Newport	80.82	34	P	P	07 11 26.3 -0.7
NEW	comp=Z,4.4nm,0.9s,ba	80.82	34	P	P	07 11 26.3 -0.7
NEW	comp=Z,4.4nm,0.9s	80.82	34	P	P	07 11 26.3 -0.7
NEW	baz=234	80.82	34	P	P	07 11 26.0 -1.0
TNA	Tin City	80.88	2	P	I	07 11 26.4 -0.4
TNA	comp=Z,20nm,1.1s	80.88	2	P	I	07 11 26.4 -0.4
TNA	baz=186,SNR=7.7	80.88	2	P	I	07 11 26.5 -0.4
TNA	comp=Z,20nm,1.1s	80.88	2	P	I	07 11 26.5 -0.4
ANMO	Albuquerque	80.93	50	LR	LR	07 39 21.3
ANMO	comp=Z,53nm,20.2s,ba	80.93	50	LR	LR	07 39 21.3
ANMO	comp=Z,53nm,20.2s,ba	80.93	50	LR	LR	07 39 21.3
ANMO	baz=244	80.93	50	LR	LR	07 39 21.3
ANMO	Albuquerque	80.93	50	P	P	07 11 28.3 +0.2
ANMO	baz=244	80.93	50	P	P	07 11 26.5 -1.5
ANMO	Albuquerque	80.93	50	P	P	07 11 29.6 +1.5
ANMO	baz=244	80.93	50	P	P	07 11 29.6 +1.5
GCSA	Galena City Sc	80.96	7	P	P	07 11 27.4 +0.1
GCSA	baz=196	80.96	7	P	P	07 11 27.4 +0.1
S34M	Telegraph Cree	81.01	21	P	P	07 11 27.2 -0.5
S34M	baz=221	81.01	21	P	P	07 11 27.2 -0.5

CN2	Changchun	81.05	320	eP	P	07 11 31.3 +3.0
CN2	comp=Z,10nm,0.7s	81.05	320	eP	P	07 11 31.3 +3.0
YUK6	Steele Glacier	81.06	16	P	P	07 11 27.5 -0.8
YUK6	comp=Z,2.10nm,0.5s	81.06	16	P	P	07 11 27.5 -0.8
YUK6	Outpost Mounta	81.16	17	P	P	07 11 28.5 -0.2
YUK6	baz=214	81.16	17	P	P	07 11 28.5 -0.2
MCK	McKinley	81.20	11	P	P	07 11 27.9 -0.7
MCK	baz=204,SNR=5.7	81.20	11	P	P	07 11 27.9 -0.7
M26K	Nabesna, AK	81.23	14	P	P	07 11 28.1 -0.7
M26K	baz=210	81.23	14	P	P	07 11 28.1 -0.7
HYT	Haines Junctio	81.30	17	P	P	07 11 28.9 -0.4
HYT	baz=215	81.30	17	P	P	07 11 28.9 -0.4
YUK3	Moose Creek	81.30	15	P	P	07 11 29.0 -0.5
YUK3	baz=212	81.30	15	P	P	07 11 29.0 -0.5
GD12	Guadalupe Moun	81.35	53	P	P	07 11 30.5 +0.2
GD12	comp=Z,2.2nm,0.8s	81.35	53	P	P	07 11 30.5 +0.2
MCMT	McKenzie Canyo	81.37	39	P	P	07 11 29.8 -0.5
MCMT	baz=210	81.37	39	P	P	07 11 29.8 -0.5
YUK4	Talbot Arm	81.41	16	P	P	07 11 29.6 -0.4
YUK4	baz=211	81.41	16	P	P	07 11 29.6 -0.4
M27K	Edge Creek, AK	81.45	14	P	P	07 11 29.9 -

Table with columns: CPUP, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Villa Florida, Azara, Amanrasset, Rosario do Sul, etc.

IDC 31 07:46:23.4.2.3, 0.82S, 129.38E, h0km, mb3.2/2, mbmp4.0/13, ML3.9/6, MS3.1/4, Error ellipse: s-maj=147.0km s-min=28.5km az=69.0

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

IDC 31 08:04:23.6.1.1, 12.94N, 143.90E, h148km, 13km, mb3.2/7, mbmp3.7/7, Error ellipse: s-maj=37.7km s-min=15.5km

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

IDC 31 08:16:28.5.713.0, 54.18N, 7.55E, h0km, Error ellipse: s-maj=310.3km s-min=137.9km az=130.0, North Sea

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

IDC 31 08:17:04.5.2.2.9, 16S, 75.35W, h110km, 22km, mb3.6/7, mbmp4.0/11, Error ellipse: s-maj=27.7km s-min=16.9km

NEIC 31 08:17:06.2.1.7, 9.25S, 0.07:75.41W, 0.08, h116km, 7km, mb4.5/44, Error ellipse: s-maj=11.1km s-min=10.5km az=133.0

VAO 31 08:17:09.0.0.6, 9.15S, 75.28W, h124km, mb4.4, IAC 31 08:17:05.8.0.4, 9.15S, 0.05:75.50W, 0.06, h120km, n111, s141/112, mb4.5/27, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cruzeiro do Su, NNA, ANA, ATAH, etc.

IDC 31 08:27:25.8.1.5, 36.41N, 68.34E, h0km, mb3.8/7, mbmp4.0/13, ML3.9/6, MS3.1/4, Error ellipse: s-maj=26.0km s-min=14.7km az=155.0

NNC 31 08:37:30.7.2.4, 36.84N, 68.24E, h0km, mb4.3, mpv3.8, Error ellipse: s-maj=19.8km s-min=15.0km az=2.6

NEIC 31 08:37:31.4.2.1, 36.48N, 0.05:68.15E, 0.09, h47km, 11km, mb4.0/11, Error ellipse: s-maj=10.0km s-min=7.6km az=78.0

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

IDC 31 08:37:30.0.0.6, 36.56N, 0.06:68.18E, 0.05, h30km, n74, s204/84, mb4.0/12, 10C-6D, Hindu Kush region

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

IDC 31 08:37:30.0.0.6, 36.56N, 0.06:68.18E, 0.05, h30km, n74, s204/84, mb4.0/12, 10C-6D, Hindu Kush region

Table with columns: FVM, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Trinidad, Pitcairn Island, etc.

MAN 31 08:29:40.8, 13.08N, 124.61E, h33km, mb3.8, ML2.6, MS2.1, 1C, Luzon

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

MAN 31 08:32:48.6, 16.57N, 119.98E, h17km, mb3.8, ML2.5, MS2.0, Luzon

IDC 31 08:37:25.8.1.5, 36.41N, 68.34E, h0km, mb3.8/7, mbmp4.0/13, ML3.9/6, MS3.1/4, Error ellipse: s-maj=26.0km s-min=14.7km az=155.0

NNC 31 08:37:30.7.2.4, 36.84N, 68.24E, h0km, mb4.3, mpv3.8, Error ellipse: s-maj=19.8km s-min=15.0km az=2.6

NEIC 31 08:37:31.4.2.1, 36.48N, 0.05:68.15E, 0.09, h47km, 11km, mb4.0/11, Error ellipse: s-maj=10.0km s-min=7.6km az=78.0

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

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

TEH 31 08:53:27.2, 28.09N, 51.86E, h12km, 35km, ML3.5 DSN 31 08:53:30.6, 1.0, 27.92N, 52.05E, h10km, ML2.77, Error

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

TEH 31 09:19:27.4, 27.86N, 57.61E, h10km, 964km, ML2.8 DSN 31 09:19:31.6, 1.7, 27.67N, 58.01E, h10km, ML2.45, Error

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

TEH 31 09:19:27.4, 27.86N, 57.61E, h10km, 964km, ML2.8 DSN 31 09:19:31.6, 1.7, 27.67N, 58.01E, h10km, ML2.45, Error

Main data table with columns for Code, Station Name, Az, Az', Time, Res, and various station identifiers. Includes detailed metadata for GCMT, MEX, and NEIC events.

061Z	Ochoppi	15.28	46	Pn	10 01 35.2 -0.1
061Z	Ochoppi	15.28	46	P	10 01 35.2 -0.1
435B	Jarell	15.65	346	P	10 01 41.1 -0.8
435B	Jarell	15.65	346	P	10 01 40.5 +0.6
435B	Jarell	15.65	346	P	10 01 41.4 -0.5
342A	Flagon Creek P	15.71	2	P	10 01 41.5 -1.0
342B	Flagon Creek P	15.71	2	P	10 01 41.7 -0.8
344A	Westbrook Farm	15.91	7	Pn	10 01 43.6 +0.4
344A	Westbrook Farm	15.91	7	P	10 01 44.7 -0.1
JCT	Junction City	16.03	339	Pn	10 01 44.8 +0.2
JCT	Junction City	16.03	339	P	10 01 44.8 +0.2
JCT	Junction City	16.03	339	Pn	10 01 45.0 +0.3
JCT	Junction City	16.03	339	P	10 01 46.2 0.0
346A	Big Creek Wild	16.05	11	Ph	10 01 45.4 +0.6
346A	Big Creek Wild	16.05	11	P	10 01 45.9 -0.4
NATX	Nacogdoches	16.14	355	Pn	10 01 46.4 +0.5
NATX	Nacogdoches	16.14	355	P	10 01 46.4 +0.5
NATX	Nacogdoches	16.14	355	P	10 01 47.2 -0.1
MAPC	Malpeo	16.15	134	eP	10 01 48.6 +1.0
HPIG	Vernon	16.24	316	P	10 01 49.7 +1.0
451A	Vernon	16.38	23	P	10 01 51.8 +1.8
451A	Vernon	16.38	23	P	10 01 50.9 +0.9
060A	Indiantown	16.41	44	P	10 01 51.5 +1.1
060A	Indiantown	16.41	44	Pn	10 01 49.3 -0.1
BRAL	Brewton	16.44	19	P	10 01 51.8 +1.2
BRAL	Brewton	16.44	19	P	10 01 50.3 -0.3
BRAL	Brewton	16.44	19	P	10 01 51.2 +0.6
DWPF	Disney Wildern	16.47	39	P	10 01 51.9 +0.9
DWPF	Disney Wildern	16.47	39	P	10 01 50.5 +0.4
DWPF	Disney Wildern	16.47	39	Pn	10 01 50.0 -0.1
BCIG	La Boquilla	16.48	318	P	10 01 53.0 +1.7
BCIG	La Boquilla	16.48	318	eP	10 01 53.0 +1.7
237A	Washetta, Mont	16.50	352	P	10 01 51.9 +0.5
237A	Washetta, Mont	16.50	352	P	10 01 52.4 +1.1
BRDY	Brady	16.51	347	P	10 01 51.7 +0.2
SAND	Sanderson	16.51	331	P	10 01 52.1 +0.6
553A	Crawfordville	16.55	27	Pn	10 01 50.9 -0.1
VBMS	Vicksburg	16.70	8	P	10 01 53.8 +0.3
VBMS	Vicksburg	16.70	8	Pn	10 01 52.9 +0.1
VBMS	Vicksburg	16.70	8	P	10 01 54.4 +0.9
TXAR	Lajitas Array	16.78	326	P	10 01 56.0 +1.5
TXAR	comp=Z,7.1nm,0.9s,baz=149,slow=11,SNR=197			P	10 02 15.4 +2.2
TXAR	comp=Z,276nm,19.0s,baz=137,slow=40			LR	10 09 25.4
TXAR	Lajitas Array	16.78	326	P	10 01 55.4 +0.9
TX31	Lajitas Ar. Si	16.78	326	P	10 01 55.4 +0.9
TX31	Lajitas Ar. Si	16.78	326	P	10 01 56.0 +1.5
TX32	Lajitas Array	16.78	326	P	10 01 55.5 +1.0
WHTX	Lake Whitney	16.78	347	P	10 01 55.3 +0.9
WHTX	Lake Whitney	16.78	347	P	10 01 54.7 +0.3
WHTX	Lake Whitney	16.78	347	P	10 01 55.9 +1.5
556A	Williston	16.80	34	P	10 01 55.1 +0.5
556A	Williston	16.80	34	P	10 01 54.4 -0.1
OZNA	Ozona	16.92	336	P	10 01 57.2 +1.1
143A	Socs Landing,	17.08	5	P	10 01 58.2 +0.5
143A	Socs Landing,	17.08	5	P	10 01 58.7 +1.0
FW14	Alvarado	17.12	348	P	10 02 00.1 +1.9
FW13	Cleburne	17.12	347	P	10 01 59.3 +1.1
FW16	Waxahatchie	17.15	349	P	10 02 00.2 +1.7
146A	Union	17.34	11	Pn	10 02 01.7 +1.0
146A	Union	17.34	11	P	10 02 01.3 +0.6
250A	Grady	17.44	20	Pn	10 02 03.2 +1.3
250A	Grady	17.44	20	P	10 02 03.4 +1.5
352A	Blakely	17.47	24	Pn	10 02 03.1 +0.9
352A	Blakely	17.47	24	Pn	10 02 03.0 +0.8
FW07	Weatherford	17.54	347	P	10 02 04.0 +0.9
241A	Richland Creek	17.57	1	P	10 02 04.5 +1.1
241A	Richland Creek	17.57	1	Pn	10 02 04.7 +1.3
Z41A	New Hope			P	10 02 04.7 +1.3
ALPN	Alpine	17.59	328	Pn	10 02 05.9 +1.9
GTBY	Guantanamo Bay	17.65	73	Pn	10 02 05.5 +1.0
Z38A	Mt. Pleasant	17.65	355	P	10 02 05.2 +0.7
Z38A	Mt. Pleasant	17.65	355	P	10 02 06.7 +2.3
FW06	Azle	17.75	348	Pn	10 02 06.9 +1.2
SLBS	Sierra La Lagu	17.78	299	Pn	10 02 06.9 +0.8
SLBS	Sierra La Lagu	17.78	299	eP	10 02 08.4 +2.2
SGCY	Sterling City	17.80	337	P	10 02 07.2 +0.8
APAC	Apartment, Choc	17.88	114	eP	10 02 06.0 -0.7
ABTX	Abilene, Hawle	17.95	342	P	10 02 08.1 0.0
ABTX	Abilene, Hawle	17.95	342	Pn	10 02 08.7 +0.6
ABTX	Abilene, Hawle	17.95	342	Pn	10 02 09.3 +1.2
TIGA	Tifton	17.99	27	Pn	10 02 09.0 +0.5
TIGA	Tifton	17.99	27	P	10 02 08.8 +0.3
TIGA	Tifton	17.99	27	P	10 02 09.1 +0.6
Z35A	Perchaven, San	18.04	349	Pn	10 02 09.1 -0.1
Z35A	Perchaven, San	18.04	349	P	10 02 09.7 +0.6
Z47A	Carrollton	18.09	14	Pn	10 02 09.7 -0.1
Z47A	Carrollton	18.09	14	P	10 02 10.2 +0.5
456A	Hilliard	18.14	32	Pn	10 02 10.6 +0.2
456A	Hilliard	18.14	32	P	10 02 10.5 +0.2
LRAL	Lakeview Retre	18.20	17	P	10 02 10.6 +0.5
LRAL	Lakeview Retre	18.20	17	P	10 02 11.4 +0.3
LRAL	Lakeview Retre	18.20	17	Pn	10 02 11.3 +0.2
LPIG	La Paz	18.25	300	LR	10 09 08.6
CCAR	Cane Creek	18.27	4	P	10 02 10.4 -0.3
SJCC	San Jacinto, C	18.37	106	eP	10 02 11.2 -0.9
Y45A	Yeager Farm, C	18.45	9	Pn	10 02 13.5 -0.6
Y45A	Yeager Farm, C	18.45	9	P	10 02 13.7 -0.4
152A	Waverly Hall	18.61	23	Pn	10 02 15.7 -0.2
152A	Waverly Hall	18.61	23	P	10 02 15.3 -0.6
DBBC	Dabeha	18.61	115	eP	10 02 15.4 +0.6
LOOK	Low County	18.67	349	P	10 02 16.0 -0.6
WFTS	Witchita Falls	18.71	346	P	10 02 16.6 -0.6
APMT	Aspermont	18.75	341	P	10 02 17.1 -0.5
X40A	Basin Creek Fa	18.80	1	P	10 02 18.2 0.0
X40A	Basin Creek Fa	18.80	1	P	10 02 18.2 0.0
MIAR	Mount Ida	18.86	359	P	10 02 17.8 +0.6
255A	Hazelhurst	18.90	29	P	10 02 18.3 +0.5
POST	Post	18.98	338	P	10 02 19.4 +0.8
X37A	Clayton	19.01	354	P	10 02 20.3 -0.4
Z51A	Franklin	19.03	21	Pn	10 02 20.4 -0.5
Z51A	Franklin	19.03	21	P	10 02 20.6 -0.3
UALR	University of	19.09	2	P	10 02 20.6 +0.9
OXF	Oxford	19.11	9	P	10 02 20.3 +0.4

OXF	Oxford	19.11	9	P	10 02 21.2 -0.7
Y49A	Blount Mountai	19.14	17	P	10 02 21.4 -0.9
154A	Montrose	19.20	26	P	10 02 21.9 +1.0
154A	Montrose	19.20	26	Pn	10 02 22.7 -0.3
GR1C	Gorgona, Isla	19.32	129	eP	10 02 24.1 -0.4
HTMS	Hat Mesa	19.33	332	P	10 02 24.0 -0.5
X34A	Smith Ranch, M	19.38	34	Pn	10 02 23.9 +1.0
GD2L	Guadalupe Moun	19.44	330	P	10 02 25.0 -0.8
X48A	Hartselle	19.53	15	P	10 02 24.7 +0.1
X48A	Hartselle	19.53	15	Pn	10 02 26.2 -0.6
MNTX	Cornudas Mount	19.55	327	P	10 02 25.6 +0.9
MNTX	Cornudas Mount	19.55	327	Pn	10 02 26.7 -0.3
WHAR	Woolly Hollow	19.61	2	P	10 02 26.0 +0.6
PLMC	San Jos del P	19.65	121	eP	10 02 26.1 +0.1
TUMC	Tumaco	19.71	133	eP	10 02 29.5 +0.5
WMOK	Wichita Mounta	19.72	346	P	10 02 26.9 +0.3
WMOK	Wichita Mounta	19.72	346	P	10 02 26.9 +0.3
WMOK	Wichita Mounta	19.72	346	P	10 02 27.0 +0.3
W35A	Tecumseh	19.75	351	P	10 02 27.4 +0.4
W45A	Hickory Valley	19.78	9	P	10 02 28.8 -0.8
Y52A	Liburn	19.92	23	P	10 02 29.9 +1.1
Y52A	Liburn	19.92	23	Pn	10 02 30.1 -1.2
Y52A	Liburn	19.92	23	P	10 02 30.1 -1.2
FNO	Franklin	19.94	350	P	10 02 29.6 +0.6
FPAL	Fort Payne	20.01	18	P	10 02 30.1 +0.3
OKCSW	OKLAHOMA CITY	20.09	350	P	10 02 31.3 +0.6
YOTC	Yotoco, Valle	20.12	123	eP	10 02 31.0 -0.2
KIDD	KIDD Seismic O	20.21	325	Pn	10 02 34.4 -0.4
MSTX	Muleshoe	20.26	336	P	10 02 33.2 +0.6
MSTX	Muleshoe	20.26	336	P	10 02 33.3 +0.7
X51A	Calhoun	20.27	20	P	10 02 33.3 +0.7
X51A	Calhoun	20.27	20	P	10 02 33.3 +0.7
JAMC	Jamunodi, Valle	20.32	126	eP	10 02 34.2 +0.7
TUL1	Leonard	20.36	354	P	10 02 35.1 -0.9
TUL1	Leonard	20.36	354	P	10 02 34.5 +1.1
TUL1	Leonard	20.36	354	P	10 02 34.7 +1.2
LCAR	Lake Charles	20.45	4	P	10 02 35.8 +1.3
GNAR	Gosnell	20.45	7	P	10 02 35.5 +1.1
NORC	Norcasia	20.49	117	eP	10 02 37.0 -1.2
HALT	Halls	20.49	9	Pn	10 02 36.1 +1.2
HAW	Hawthorne Fire	20.50	28	P	10 02 36.0 +1.0
OK030	Cody Creek RV	20.50	351	P	10 02 34.5 -0.6
GUYB	Guaymas	20.51	310	eP	10 02 41.9 +3.6
RLO	Rose Lookout	20.54	356	P	10 02 35.5 +0.7
OK052	West Ridge R	20.57	351	eP	10 02 37.1 -0.6
HHAR	Hobbs	20.60	358	P	10 02 36.6 +0.5
ANIL	Santa Ana	20.61	121	eP	10 02 38.8 -1.0
ANIL	Santa Ana	20.61	121	eP	10 02 37.6 +1.0
LNXT	Lenox	20.66	8	P	10 02 37.6 +1.0
U40A	Yellville	20.66	1	P	10 02 37.7 +1.0
U40A	Yellville	20.66	1	P	10 02 37.7 +1.0
AMTX	Amarillo	20.68	340	P	10 02 38.0 +0.9
AMTX	Amarillo	20.68	340	P	10 02 38.2 +1.1
AMTX	Amarillo	20.68	340	P	10 02 38.1 +1.1
W50A	Signal Mountai	20.72	18	P	10 02 38.5 +1.1
W50A	Signal Mountai	20.72	18	P	10 02 38.8 +1.4
QUOK	Quay	20.73	352	P	10 02 38.9 +1.4
U38A	Gravette	20.77	357	P	10 02 39.0 +0.9
U38A	Gravette	20.77	357	P	10 02 39.0 +0.9
V48A	Smith Brothers	20.81	14	P	10 02 39.6 +1.2
V48A	Smith Brothers	20.81	14	P	10 02 39.6 +1.2
GLAT	Glass	20.85	9	P	10 02 38.8 0.0
URIC	Uribia, Colomb	20.86	98	P	10 02 38.4 -0.8
URIC	Uribia, Colomb	20.86	98	eP	10 02 37.2 -1.9
HODGE	Hodges	20.95	26	P	10 02 40.8 +0.9
HODGE	Hodges	20.95	26	P	10 02 41.2 +1.3
WWT	Waverly	20.97	12	P	10 02 39.8 -0.2
WWT	Waverly	20.97	12	P	10 02 39.8 -0.2
NHSC	New Hope	20.98	32	P	10 02 40.4 +0.2
NHSC	New Hope	20.98	32	P	10 02 41.5 +1.3
OK048	Pawnee Station	21.00	351	P	10 02 40.3 -0.1
OTAV	Otavalo	21.03	135	P	10 02 42.1 +0.7
OTAV	Otavalo	21.03	135	P	10 02 42.1 +0.7
OTAV	Otavalo	21.03	135	eP	10 02 43.1 +1.7
ORTC	Ortega, Tolima	21.06	122	eP	10 02 41.8 +0.5
W52A	Murphy	21.07	21	P	10 02 41.8 +0.6
W52A	Murphy	21.07	21	P	10 02 42.7 +1.6
SDDR	Presa de Saban	21.08	78	P	10 02 41.0 -0.5
SDDR	Presa de Saban	21.08	78	eP	10 02 43.0 +1.5
GDFU	Volcan Galeras	21.11	131	eP	10 02 44.5 +2.2
ELIS	Elis County	21.14	346	P	10 02 41.6 -0.3
TULM	Tulcn-Chaipat	21.15	133	eP	10 02 45.4 +2.1
PULU	Puluhua	21.16	136	P	10

31D 9h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like EGAK, KLU, RES, PUAHI, etc.

2017 MAR

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

1820

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K20K, E23K, H21K, O17K, etc.

31DR 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGRP InterUniversit, AOPR Arecibo Observ, and various other observatory codes.

MAN 31 10:08:29.8,9.35N:125.42E,h25km,mb3.8,ML2.5,MS2.1, 1C-10, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSLP Maasin, General Luna, and GLSP.

NEIC 31 10:23:57.9,1.5,30.33S;0.07,-177.9W;0.2,h35km,2km, mb4.6/14, Error ellipse: s-maj=24.9km s-min=10.5km az=105.0

ICD 31 10:23:58.5,2.3,30.24S;177.94W,h45km,19km,mb4.3/7, mbmp4.5/7,MS3.7/1, Error ellipse: s-maj=26.7km s-min=17.3km az=127.0

ISC 31 10:23:59.0,7.30,56S;0.05,-178.0W;0.1,h35km,n72, e248.85,mb4.7/12, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLKZ Green Lake, RAO Raoul Island, and various other island codes.

MUCZ Murespara 9.02 207 P Pn 10 26 01.6 -2.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MUCZ, RTZ, RAHZ, and various other codes.

2017 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRAB Tennant Creek, WRA Warramunga Arr, and various other codes.

BUI 31 10:40:38.6,0.0,24.74N;126.91E,h10km,mb4.5/5/3, mb4.7/34,Ms4.5/62,Ms7.4/4/52

ICD 31 10:40:40.7,0.6,25.00N;126.84E,h0km,mb4.6/3/3, mbmp4.5/36,ML3.8/4,MS3.6/9, Error ellipse: s-maj=15.3km s-min=12.4km az=105.0

NEIC 31 10:40:42.8,2.0,24.82N;0.07,-126.89E;0.07,h15km,4km, mb4.9/10, Error ellipse: s-maj=11.2km s-min=8.3km az=148.0

MOS 31 10:40:43.8,1.1,25.03N;126.89E,h32km,mb4.9/29, MS4.0/6, Error ellipse: s-maj=10.2km s-min=5.7km az=102.7

JMA 31 10:40:44.1,0.2,25.11N;12.7E,h79km,MD4.7/21, MV4.2/21, NEAR MIYAKOJIMA ISLAND

NIED 31 10:40:44.1,24.95N;126.85E,h79km,MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^19N; Mn:3.14; Mo:3.19; Mxx:0.05; Mxy:5.17; Myx:6.16; Fault plane solution: Ms:9.7200x10^15 Np1:36.00000; s76.00000; r73.00000; NP2:362.00000; s22.00000; r140.00000

ISC 31 10:40:44.1,0.7,24.87N;0.04,126.91E;0.04,h27km,4km, n292, e1940/307,mb4.8/17,MS4.2/21, 12C-14D, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JOGS Gusukube, JMUJ Miyako jima3, and various other codes.

1822

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TPUB Ta-pu, JSU Tazuyama, KNMB Chin-men Tao, and various other codes.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NIUE Niue, NACGM Naroch, AKASG Malin Array Be, etc.

31d 10:50:57.6±1.0, 55.20S:28.34W, h0km, mb3.8/2, mbmp3.8/2, Error ellipse: s-maj=48.0km s-min=30.6km az=81.0

NEIC 31 10:50:57.8±1.5, 55.3S:0.2±28.6W:0.2, h10km, 2km, mb4.5/9, Error ellipse: s-maj=32.8km s-min=12.5km az=39.0

ISC 31 10:50:58.0±0.9, 55.3S:0.1±28.7W:0.1, h10km, n16, e150B/16, mb4.1/6, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HOPE Hope Point, ESPZ Base Esperanza, etc.

31d 10:52:47.8±2.1, 19.79N:120.31E, h0km, mb4.2/33, mbmp4.2/35, ML4.2/2, MS3.6/11, Error ellipse: s-maj=17.0km s-min=12.2km az=75.0

NEIC 31 10:52:47.8±2.1, 19.79N:120.31E:0.03, h10km, 1km, mb4.9/106, Error ellipse: s-maj=10.0km s-min=2.8km az=210.0

MAN 31 10:52:48.5, 19.71N:120.25E, h21km, mb5.3, ML4.2, MS4.4

BUI 31 10:52:51.8±0.0, 20.23N:119.83E, h10km, mb5.4/22, mb4.7/10, ML4.1/2, Ms4.2/9, Ms7.3/9

ISC 31 10:52:47.9±2.9, 19.77N:120.03E:0.04, h16km, 18km, mb4.2/33, mbmp4.2/35, ML4.2/2, MS3.6/11, Error ellipse: s-maj=17.0km s-min=12.2km az=75.0

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PIP Pasuquin, BBP Basco, SIPP Brgy. Tapao, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KAPI Kappang, FAKI Fak Fak, FAKI Fak Fak, etc.

ISC 31 10:52:47.9±2.9, 19.77N:120.03E:0.04, h16km, 18km, mb4.2/33, mbmp4.2/35, ML4.2/2, MS3.6/11, Error ellipse: s-maj=17.0km s-min=12.2km az=75.0

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like K20K, H21K, M20K, P19K, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like RES, RESolute Bay, JAVC, VRAC, etc.

31d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PJUM, PPTM, CRPB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Lists various stations and their associated data points.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Lists various stations and their associated data points.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Lists various stations and their associated data points.

NCEDC 31 10:56:11.8, 2.9, 36:86N, 0.04: 121:60W, 0.07, h7km, 6km, M3.2/3, Error ellipse: s-maj=9.1km s-min=4.8km az=58.0 NEIC 31 10:56:11.4, 1.6, 36:87N, 0.05: 121:58W, 0.07, h16km, 6km, Error ellipse: s-maj=10.4km s-min=3.0km az=53.0

BKNI	Bangkinang	19.58 270	P	Pn	11 25 22.3 -0.4
GENI	Genyem	19.74 98	P	Pn	11 25 23.5 -1.1
IPM	Ipo	20.02 282	P	P	11 25 26.0 +0.7
IPM	Ipo	20.02 282	P	P	11 25 25.9 +0.7
PDSI	Padang	20.19 267	P	P	11 25 27.3 +0.3
KULM	Kulim	20.56 284	P	P	11 25 31.3 +0.3
PPSI	Pulau Pagai	20.82 262	P	P	11 25 33.7 -0.1
SKLT	Songkhla	21.10 289	P	P	11 25 38.1 +1.3
MBWA	Marble Bar	21.29 182	P	P	11 25 39.5 +0.8
MBWA	Marble Bar	21.29 182	P	P	11 25 38.8 +0.1
MBWA	Marble Bar	21.29 182	P	P	11 25 39.1 +0.4
QIZ	Qiongzong	21.46 331	P	P	11 25 40.5 0.0
QIZ			sP	sP	11 26 09.0 -2.1
QIZ			S	S	11 29 30.3 -2.8
QIZ			sS	sS	11 30 02.3 -2.3
QIZ	comp=Z,48nm,0.8s		pmax	pmax	
QIZ	Qiongzong	21.46 331	P	P	11 25 41.2 +0.6
PSA00	Pilbara Seismi	21.70 182	P	P	11 25 42.5 -0.5
PSA00	Pilbara Seismi	21.70 182	P	P	11 25 42.6 -0.5
RPSI	Rantau Prapat	21.82 277	P	P	11 25 44.4 -0.1
RPSI	Rantau Prapat	21.84 277	P	P	11 25 44.4 -0.1
TSI	Tuntungan	22.28 279	P	P	11 25 46.8 -2.5
PBSI	Pulau Batu	22.34 269	P	P	11 25 47.8 -2.2
TWG	Pinlang	22.45 1	P	P	11 25 50.9 0.0
SRIT	Nakansitamara	22.52 292	P	P	11 25 52.1 +0.3
HKPS	Hong Kong Po S	22.79 344	P	P	11 25 54.7 +0.2
TPUB	Ta-pu	22.92 0	P	P	11 25 56.9 +1.1
TPUB	Ta-pu	22.92 0	P	P	11 25 57.7 +2.0
YULB	Yu-li	23.02 2	P	P	11 25 56.5 -0.2
YULB	Yu-li	23.02 2	P	P	11 25 57.1 +0.4
KULM	Kotacane, Aceh	23.07 278	P	P	11 25 56.2 -1.1
GSI	Gunungsitoli	23.07 273	P	P	11 25 56.6 -0.6
GSI	Gunungsitoli	23.07 273	P	P	11 25 57.2 -0.1
GSI	Gunungsitoli	23.07 273	P	P	11 25 56.3 -1.0
SSLB	Suanglung	23.41 1	P	P	11 26 00.2 -0.1
SSLB	Suanglung	23.41 1	P	P	11 26 01.1 +0.8
GIRL	Giralala	23.58 195	P	P	11 26 03.0 +1.2
GIRL	Giralala	23.58 195	P	P	11 26 03.4 +1.5
GIRL	Giralala	23.58 195	P	P	11 26 03.1 +1.2
GZH	Guangzhou	23.78 343	P	P	11 26 09.0 +5.3
GZH			sP	sP	11 26 40.0 +3.2
GZH			S	S	11 30 22.3 +1.0
GZH	comp=Z,38nm,0.6s		pmax	pmax	
NACB	Ninganchiao	23.81 2	P	P	11 26 04.4 +0.5
WB0	Warramunga Arr	24.04 147	P	P	11 26 05.8 -0.3
WRAB	Tennant Creek	24.15 147	P	P	11 26 07.0 0.0
WRAB	Tennant Creek	24.15 147	P	P	11 26 07.3 +0.3
WRAB	Tennant Creek	24.15 147	P	P	11 26 07.0 0.0
WRA	Warramunga Arr	24.15 147	P	P	11 26 06.8 -0.2
WRA	339nm,0.7s,baz=334,slow=9.4,SNR=1359		S	S	11 30 16.8 -1.3
WRA	10nm,1.1s,baz=334,slow=14,SNR=5.0		ScP	ScP	11 33 12.7 -2.8
WRA	3.6nm,0.7s,baz=334,slow=2.4,SNR=11		PKIKP	PKIKP	11 37 26.8 -1.9
WRA	0.9nm,0.7s,baz=314,slow=1.5,SNR=6.4		PKIKP	PKIKP	11 59 20.2
WRA	1.1nm,1.0s,baz=143,slow=5.5,SNR=4.5		P	P	11 26 07.2 +0.1
WRA	Warramunga Arr	24.15 147	P	P	11 26 07.2 +0.1
LHMI	Lhok Sumawe	24.15 282	P	P	11 26 07.0 +1.2
LHMI	Lhok Sumawe	24.15 282	P	P	11 26 08.1 +1.0
WB2	Warramunga Arr	24.16 147	P	P	11 26 06.9 -0.2
WB1	Warramunga Ar.	24.16 147	P	P	11 26 07.4 +0.2
YHNS	Yeheng	24.29 2	P	P	11 26 08.6 +0.2
SNSI	Sinabang, Aceh	24.38 275	P	P	11 26 08.5 -0.7
MSLI	Meulaboh, Aceh	24.52 280	P	P	11 26 09.7 -0.8
TATO	Taipei	24.60 2	P	P	11 26 11.1 +0.1
WRKA	Warakurna	26.21 164	P	P	11 26 25.7 0.0
WRKA	Warakurna	26.21 164	P	P	11 26 25.9 +0.2
COEN	Coen	26.42 123	P	P	11 26 28.6 +1.0
COEN	Coen	26.42 123	P	P	11 26 28.5 +0.8
GULI	Gululin	26.80 339	eP	S	11 26 40.5 +1.0
GULI			S	S	11 31 11.8 +1.2
GULI	comp=Z,20nm,0.7s		pmax	pmax	
GULI	comp=N,680nm,17.9s		LR	LR	
GULI	comp=E,790nm,19.0s		LR	LR	
PHRA	Phrae	27.02 313	P	P	11 26 33.8 +0.8
AS31	Alice Springs	27.04 152	P	P	11 26 33.5 +0.2
ASAR	Alice Springs	27.04 152	P	P	11 26 33.5 +0.2
ASAR	comp=Z,61nm,0.7s,baz=325,slow=7.7,SNR=515		PcP	PcP	11 29 51.1 -1.2
ASAR	comp=Z,6.4nm,0.6s,baz=345,slow=2.1,SNR=6.3		S	S	11 31 03.3 -0.7
ASAR	comp=Z,8.2nm,1.1s,baz=346,slow=22,SNR=4.6		ScP	ScP	11 33 20.8 -3.0
ASAR	comp=Z,5.7nm,0.6s,baz=339,slow=2.9,SNR=14		ScP	ScP	11 59 06.5
ASAR	comp=Z,0.8nm,0.9s,baz=142,slow=35		P3KPBc	P3KPBc	
GUMO	Guam	27.43 60	LR	LR	11 36 23.5
JOW	Kunigami	27.44 15	P	P	11 26 38.1 +1.4
JOW	comp=Z,37nm,0.7s,baz=245,slow=10,SNR=4.9		LR	LR	11 36 56.6
QIS	Mount Isa	27.79 139	P	P	11 26 39.9 -0.1
QIS	Mount Isa	27.79 139	P	P	11 26 40.1 +0.1
CM31	Chiang Mai Arr	27.95 312	P	P	11 26 42.0 +0.6
CMAR	Chiang Mai Arr	27.95 312	P	P	11 26 42.3 +0.9
CMAR	comp=Z,2.8nm,0.5s,baz=137,slow=7.0,SNR=26		PcP	PcP	11 29 55.0 +0.5
CMAR	comp=Z,1.0nm,0.8s,baz=184,slow=2.1,SNR=16		ScP	ScP	11 33 26.7 +0.1
CMAR	comp=Z,3.6nm,0.8s,baz=270,slow=1.1,SNR=18		PKIKP	PKIKP	11 37 30.0 -0.8
CMAR	comp=Z,831nm,18.5s,baz=125,slow=40		LR	LR	11 39 50.2
CMAR	Chiang Mai Arr	27.95 312	P	P	11 26 42.2 +0.9
CMAR			PcP	PcP	11 29 54.4 -0.1
CRAI	Chiangrai	28.06 316	P	P	11 26 42.9 +0.6
PMG	Port Moresby	28.11 111	P	P	11 26 43.3 +0.5
PMG	comp=Z,72nm,0.8s,baz=318,slow=4.5,SNR=32		IAmb	IAmb	
PMG	Port Moresby	28.11 111	P	P	11 26 42.8 0.0
PMG	comp=Z,116nm,0.9s		IAmb	IAmb	11 26 44.5
PMG	Port Moresby	28.11 111	P	P	11 26 43.7 +0.9
PMG	Port Moresby	28.11 111	eP	P	11 26 42.6 -0.2
PMG			pmax	pmax	
CHTO	Chiang Mai	28.17 312	P	P	11 26 43.4 +0.1
CHTO			PcP	PcP	11 29 55.1 0.0
GYA	Guiyang	29.33 334	P	P	11 26 54.8 +1.2
GYA			pP	pP	11 27 20.0 +4.2
GYA			sP	sP	11 27 30.5 +3.2
GYA			pP	pP	11 27 52.8 +0.8
GYA			PcP	PcP	11 29 03.8
GYA			S	S	11 31 38.3 -1.7
GYA			sS	sS	11 32 16.5 -1.7
GYA	comp=Z,18nm,0.8s		pmax	pmax	
GYA	comp=Z,230nm,8.8s		pmax	pmax	
MORW	Morawa	29.47 188	P	P	11 26 54.7 0.0
MORW	comp=Z,30,SNR=15		IAmb	IAmb	11 26 55.3 +0.6
MORW	Morawa	29.47 188	P	P	11 26 54.8 0.0
MORW	comp=Z,104nm,0.9s		IAmb	IAmb	11 26 56.0
MORW	Morawa	29.47 188	P	P	11 26 54.8 0.0
MTSU	Mount Surprise	29.60 129	P	P	11 26 56.9 +0.8

MTSU	Mount Surprise	29.60 129	P	P	11 26 56.7 +0.6
KMI	Kunming	30.18 326	P	P	11 27 03.5 +2.2
KMI			pP	pP	11 27 26.0 +2.4
KMI			sP	sP	11 27 55.5 +0.4
KMI			PcP	PcP	11 30 00.3 -0.1
KMI			S	S	11 31 55.0 +1.4
KMI			sS	sS	11 32 26.0 -5.8
KMI	comp=Z,19nm,0.6s		pmax	pmax	
KMI	comp=Z,390nm,11.1s		pmax	pmax	
KMI	comp=Z,360nm,19.0s		LR	LR	
KMI	comp=Z,510nm,12.4s		LR	LR	
KMI	comp=Z,700nm,16.2s		LR	LR	
SSE	Sheshan	30.69 1	P	P	11 27 06.0 +0.6
SSE			pP	pP	11 27 28.3 +0.7
SSE			S	S	11 32 00.3 -0.7
SSE	comp=Z,24nm,0.8s		pmax	pmax	
WHN	Wuhan	30.72 349	P	P	11 27 09.5 +3.8
WHN			sP	sP	11 27 40.0 +0.7
WHN			S	S	11 32 05.0 +3.6
WHN	comp=Z,2um,4.7s		pmax	pmax	
BLDU	Ballidu	30.91 187	P	P	11 27 06.6 -0.8
BLDU	Ballidu	30.91 187	P	P	11 27 06.5 -0.9
OOD	Oodnadatta	31.41 154	P	P	11 27 12.2 +0.4
KMBL	Kambalda	31.46 178	P	P	11 27 12.8 +0.6
KMBL	Kambalda	31.46 178	P	P	11 27 12.3 +0.1
FORT	Forrest	31.65 168	P	P	11 27 13.9 0.0
FORT	Forrest	31.65 168	P	P	11 27 14.0 0.0
FORT	Forrest	31.65 168	P	P	11 27 13.9 0.0
NJ2	Nanjing	31.68 357	eP	P	11 27 16.5 +2.4
NJ2			pP	pP	11 27 37.8 +1.4
NJ2			sP	sP	11 27 45.3 -2.6
NJ2			Pn	Pn	11 28 23.0 +0.9
NJ2			ScS	ScS	11 32 20.8 +4.3
NJ2	comp=Z,20nm,0.7s		pmax	pmax	11 37 38.0 +1.4
NJ2	comp=Z,210nm,4.7s		pmax	pmax	
NJ2	comp=Z,420nm,13.3s		LR	LR	
NJ2	comp=Z,410nm,14.7s		LR	LR	
NJ2	comp=Z,660nm,17.1s		LR	LR	
ENH	Enshi	31.69 341	P	P	11 27 14.0 -0.3
ENH			IAmb	IAmb	11 27 49.8
ENH	Enshi	31.69 341	P	P	11 27 14.9 +0.4
ENH			pP	pP	11 27 14.9 +0.7
ENH			sP	sP	11 27 37.2 +0.6
ENH			pP	pP	11 27 47.0 -1.0
ENH			S	S	11 27 15.1 0.0
KLBR	Kellerberrin	31.78 185	P	P	11 27 14.8 -0.2
KLBR	Kellerberrin	31.78 185	P	P	11 27 15.5 +0.9
PZH	Panzhihua	31.82 327	P	P	11 27 16.5 +0.9
PZH			pP	pP	11 27 38.8 +0.9
PZH			sP	sP	11 27 52.3 +2.9
PZH			PcP	PcP	11 30 04.8 +0.2
PZH			S	S	11 32 20.0 +1.0
PZH			sS	sS	11 32 58.9 +1.6
PZH			ScP	ScP	11 33 37.5 -1.7
PZH			PcS	PcS	11 33 48.8 -0.7
PZH			ScS	ScS	11 37 36.5 -1.4
PZH	comp=Z,20nm,0.7s		pmax	pmax	
PZH	comp=Z,230nm,4.3s		pmax	pmax	
PZH	comp=Z,340nm,15.0s		LR	LR	
PZH	comp=Z,520nm,16.6s		LR	LR	
PZH	comp=Z,600nm,14.9s		LR	LR	
RABL	Rabaul	31.82 98	P	P	11 27 16.9 +1.3
RABL	Rabaul	31.82 98	P	P	11 27 16.7 +1.0
TVIH	Townsville Har	32.17 129	P	P	11 27 19.6 +1.0
CTA	Charters Tower	32.23 130	P	P	11 27 20.0 +0.9
CTA	comp=Z,30nm,0.8s,baz=306,slow=9.5,SNR=30		PcP	PcP	11 30 06.3 +0.6
CTA	comp=Z,15nm,0.9s,baz=42,slow=3.5,SNR=5.2		LR	LR	11 41 49.0
CTA	comp=Z,968nm,18.1s,baz=312,slow=39		LR	LR	
CTAO	Charters Tower	32.23 130	P	P	11 27 20.7 +1.6
CTAO			IAmb	IAmb	11 27 23.3
CTAO	comp=Z,69nm,1.1s		P	P	11 27 20.7 +1.6
CTAO	Charters Tower	32.23 130	P	P	11 27 19.8 +0.7
MUN	Munding	32.32 187	P	P	11 27 19.9 +0.2
MUN	Charters Tower	32.32 130	P	P	11 27 19.9 +0.2
MUN	Munding	32.32 187	P	P	11 27 19.9 +0.2
JSU	Juzuyuan	32.42 167	P	P	11 27 20.6 -0.4
TNCH	TengChong	32.62 321	P	P	11 27 24.3 +1.6
TNCH			pP	pP	11 27 47.0 +2.0
TNCH			sP	sP	11 27 59.3 +2.9
TNCH			S	S	11 32 31.8 +0.2
TNCH			sS	sS	11 33 11.5 +1.5
TNCH	comp=Z,87nm,0.5s		pmax	pmax	
TNCH	comp=Z,190nm,4.6s		pmax	pmax	
TNCH	comp=Z,570nm,10.5s		LR	LR	
TNCH	comp=Z,530nm,12.7s		LR	LR	
TNCH	comp=Z,480nm,16.3s		LR	LR	
MULG	Mulgathing	32.94 158	P	P	11 27 25.7 +0.5
NW					

31d 11h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BILL Bilbino, ARU Arti, VOI Vohitsoka, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SOC Soc, KMBO Kilima Mbogo, VORR Voronezh, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PPLA Purkeypille, CAST Castle Rocks, I21K Tanana, etc.

ILAR	Eielson Array	90.85	25	P	P	11 33 50.7	-1.4
G25K	Bearman Lake	91.08	23	P	P	11 33 53.1	0.0
E25K	Arctic Village	91.20	22	P	P	11 33 53.7	-0.1
F25K	Christian River	91.21	22	P	P	11 33 54.0	+0.2
M24K	Tolsona, Glenn	91.29	28	P	P	11 33 54.0	-0.4
M24K	Tolsona, Glenn	91.29	28	P	P	11 33 54.3	0.0
C26K	Camden Bay	91.31	20	P	P	11 33 54.6	+0.4
K24K	Donnelly Dome	91.38	26	P	P	11 33 53.9	-0.8
PRP	Porcupine Dome	91.39	25	P	P	11 33 54.2	-0.6
MNK	Minsk	91.40	324	i	P	11 33 55.5	+0.6
MNK	comp=N,25nm,1.0s			i	P	11 33 55.5	+0.6
MNK	comp=Z,33nm,1.0s,baz=88			i	P	11 33 55.5	+0.6
MNK				i	P	11 34 19.6	-1.4
MNK				i	P	11 34 29.5	-2.0
MNK				i	P	11 37 33.9	+0.3
MNK				i	P	11 39 32.6	
MNK				i	P	11 43 45.1	
MNK				i	P	11 44 19.0	+0.7
MNK				i	P	11 45 02.5	+1.4
MNK				i	P	11 51 01.8	+8.4
MNK				i	P	11 54 24.0	
MNK				i	P	12 09 22.7	
MNK				i	P	11 21 35.5	
MNK				i	P	11 27 29.2	
MNK	comp=N,550nm,19.3s			i	LRM	12 17 54.1	
MNK	comp=E,36nm,19.5s			i	LRM	12 17 56.0	
MNK	comp=Z,163nm,19.5s			i	P	11 33 55.5	+0.6
MNK		91.40	324	i	P	11 34 19.5	-1.4
MNK				i	P	11 34 29.5	-2.0
MNK				i	P	11 37 33.8	
MNK				i	P	11 39 32.5	
MNK				i	P	11 44 19.0	+0.7
MNK				i	P	11 51 01.8	+8.4
MNK				i	P	11 54 23.9	
MNK				i	P	11 33 55.5	+0.6
MNK				i	P	11 34 19.5	-1.4
MNK				i	P	11 34 29.5	-2.0
MNK				i	P	11 37 33.8	
MNK				i	P	11 39 32.6	
MNK				i	P	11 44 19.0	+0.7
MNK				i	P	11 51 01.8	+8.4
MNK				i	P	11 54 23.9	
MNK	comp=Z,33nm,1.0s			i	P	11 33 55.5	+0.6
MNK	comp=N,25nm,1.0s			i	P	11 33 55.5	+0.6
MNK	comp=N,550nm,19.0s			i	MLR	11 33 55.2	+0.1
MNK	comp=E,4.0nm,1.0s			i	MLR	11 33 55.2	+0.1
MNK	comp=N,550nm,19.0s			i	MLR	11 33 55.2	+0.1
MNK	comp=E,36nm,20.0s			i	MLR	11 33 55.2	+0.1
MNK	comp=Z,163nm,20.0s			i	MLR	11 33 55.2	+0.1
FYU	Fort Yukon	91.44	24	i	Amb	11 33 56.4	
KLU	Klutina	91.45	29	i	Amb	11 33 55.9	
KLU	Klutina	91.45	29	i	Amb	11 33 55.2	+0.1
MANT	Manisa	91.47	308	P	P	11 33 55.8	-0.1
MANT				i	Amb	11 33 56.3	
PAX	Paxson	91.57	27	P	P	11 33 56.0	+0.3
PAX				i	Amb	11 33 56.5	
PAX	comp=Z,72nm,1.7s			i	P	11 33 56.0	+0.3
PAX				i	P	11 33 55.7	+0.1
PAX	comp=Z,72nm,1.7s			i	P	11 33 55.7	+0.1
ARA0	ARCCESS Array S	91.57	339	eP	P	11 33 56.6	+1.2
ARCES	ARCCESS Array B	91.57	339	eP	P	11 33 53.6	-1.8
ARCES	comp=Z,6.4nm,0.8s,baz=88,slow=6.4,SNR=18			LR	LR	12 20 38.8	
EYAK	Cordova Ski Ar	91.58	30	P	P	11 33 55.7	+0.1
BMAR	Burnt Mountain	91.63	23	P	P	11 33 56.2	+0.4
HARP	HARP	91.75	28	P	P	11 33 56.3	-0.1
C27K	Jago River	91.76	20	P	P	11 33 56.6	+0.3
F26K	Sheenjek River	91.77	22	P	P	11 33 56.8	+0.4
RIDG	Independent Ri	91.80	26	P	P	11 33 56.5	-0.2
RIDG				i	Amb	11 33 57.1	
RIDG	comp=Z,26nm,0.9s			i	P	11 33 56.0	-0.6
RIDG	Independent Ri	91.80	26	P	P	11 33 56.0	-0.6
VSU	Vasula	91.84	328j	eP	P	11 33 56.3	-0.5
VSU				i	P	11 33 56.2	-1.1
FIA1	FINESS Array S	91.97	331	P	P	11 33 56.2	-1.1
FIA1				i	Amb	11 37 16.7	
FINES	FINESS Array B	91.97	331	P	P	11 33 55.8	-1.6
FINES	comp=Z,3.9nm,0.7s,baz=69,slow=6.3,SNR=11			i	P	11 33 56.4	-0.6
FINES	comp=Z,3.9nm,0.7s			i	P	11 33 56.4	-0.6
FINES	comp=Z,2.2nm,0.8s,baz=108,slow=6.2,SNR=9.9			i	P	11 38 46.1	-1.0
FINES	FINESS Array B	91.97	331	P	P	11 33 56.8	-0.6
FINES	FINESS Array B	91.97	331	P	P	11 33 56.4	-1.0
G26K	Porcupine River	91.98	23	P	P	11 33 57.4	+0.1
NACGM	Naroch	92.02	325	eP	P	11 33 58.1	+0.4
N25K	Chitina, Valde	92.07	28	P	P	11 33 58.0	0.0
DOT	Dot Lake	92.15	26	i	Amb	11 33 58.8	
SCRK	Sand Creek	92.16	26	P	P	11 33 57.4	-0.9
SCRK				i	Amb	11 33 59.2	
SCRK	comp=Z,27nm,1.4s			i	P	11 33 58.0	-0.4
SCRK	Sand Creek	92.16	26	P	P	11 33 58.0	-0.4
I26K	Coal Creek Min	92.39	25	i	Amb	11 34 00.6	
I26K	Coal Creek Min	92.39	25	P	P	11 33 58.7	-0.5
LSZ	Lusaka	92.41	255	LR	LR	12 11 25.0	
LSZ	comp=Z,253nm,19.9s			i	P	11 33 59.9	-0.7
LSZ	Lusaka	92.41	255	P	P	11 34 27.3	
LSZ	comp=Z,97nm,2.0s			i	P	11 33 59.9	-0.7
LSZ				i	P	11 34 01.1	+1.7
KTK1	Kautokino	92.43	339	eP	P	11 34 01.1	+1.7
GLB	Gilghina Butte	92.46	29	i	Amb	11 34 00.7	
ELIB	Princess Elisa	92.49	198	dP	P	11 33 59.8	0.0
ELIB				dP	P	11 34 26.0	+0.6
L26K	Log Cabin Wild	92.53	27	P	P	11 34 00.2	+0.2
VRI	Vrincioiaia	92.55	316	i	P	11 34 00.7	+0.3
VRI	Vrincioiaia	92.55	316	i	P	11 34 00.7	+0.3
TESR	Tescani	92.57	316	i	P	11 34 00.4	-0.1
BISR	Bisoca	92.58	315	i	P	11 33 56.9	-3.8
SPB2	Spitsbergen Ar	92.67	348	P	P	11 33 59.2	-1.1
SPA0	Spitsbergen Ar	92.67	348	eP	P	11 33 59.0	-1.3
SPITS	Spitsbergen Ar	92.67	348	LR	LR	12 19 49.8	
SPITS	comp=Z,129nm,19.9s			i	P	11 33 59.2	-1.2
SPITS	Spitsbergen Ar	92.67	348	P	P	11 33 59.2	-1.2
E27K	Coleen River	92.68	22	P	P	11 34 00.4	-0.2
KARF	Karpathos	92.68	305	P	P	11 34 00.6	-0.7
M26K	Nabesna, AK	92.75	28	P	P	11 34 01.4	+0.3
M26K				i	Amb	11 34 27.4	
M26K	comp=Z,85nm,1.9s			i	P	11 34 01.1	0.0
M26K	Nabesna, AK	92.75	28	P	P	11 34 01.1	0.0
G27K	Doyon Strip	92.83	23	P	P	11 34 01.4	+0.1
MCARA	McCarthy VSAT	92.84	29	P	P	11 34 01.4	0.0

H27K	Steamboat Moun	92.95	24	P	P	11 34 02.0	+0.1
K27K	Chicken	92.99	26	P	P	11 34 02.5	+0.4
K27K	comp=Z,54nm,1.2s			i	Amb	11 34 04.1	
K27K	Chicken	92.99	26	P	P	11 34 02.3	+0.2
I27K	Kandik River	93.00	24	P	P	11 34 02.3	+0.2
MLR	Muntele Rosu	93.11	315	i	P	11 34 01.7	-1.5
MLR	Muntele Rosu	93.11	315	LR	LR	12 25 38.5	
MLR	comp=Z,147nm,18.5s			i	P	11 34 01.7	-1.5
MLR	Muntele Rosu	93.11	315	i	P	11 34 03.3	+0.1
L27K	Beaver Creek	93.22	27	P	P	11 34 04.9	
L27K	comp=Z,24nm,0.9s			i	P	11 34 03.5	+0.3
L27K	Beaver Creek	93.22	27	P	P	11 34 03.2	0.0
BCAR	Beaver Creek A	93.23	27	P	P	11 34 02.6	-1.0
M27K	Edge Creek, AK	93.28	28	P	P	11 34 02.6	-1.0
M27K				i	Amb	11 34 14.5	
M27K	comp=Z,46nm,1.6s			i	P	11 34 04.1	+0.5
EGAK	Eagle	93.29	25	P	P	11 34 03.2	-0.2
EGAK	Eagle	93.29	25	P	P	11 34 04.0	+0.6
KBS	Kingsbay	93.31	349f	eP	P	11 34 01.7	-1.6
KBS				i	P	11 34 00.5	-2.8
KBS	Kingsbay	93.31	349	i	P	11 34 03.1	-0.5
JETT	Jettan, Norway	93.34	340	eP	P	11 34 04.7	-0.1
BURAR	Bucovina Array	93.47	318	i	P	11 34 04.7	-0.1
BURAR	Bucovina Array	93.47	318	P	P	11 34 07.0	-0.1
BURAR	Bucovina Array	93.47	318	i	P	11 34 04.7	-0.1
BUR08	Bucovina Ar. S	93.48	318	P	P	11 34 04.8	0.0
BVCY	Beaver Creek	93.74	27	P	P	11 34 05.4	-0.2
YUK3	Moose Creek	94.01	28	P	P	11 34 06.9	-0.2
L2V0	L'vov	94.08	320	eP	P	11 34 06.5	-0.9
DAWY	Dawson	94.16	26	P	P	11 34 08.6	+0.6
DAWY				i	Amb	11 34 07.4	-0.1
DAWY	comp=Z,18nm,0.9s			i	P	11 34 07.9	-0.5
O28M	Mount Upton	94.28	29	P	P	11 34 07.6	-0.9
PINM	Pinnacle	94.35	30	P	P	11 34 09.5	
I29M	Ogilvie Camp	94.40	24	i	Amb	11 34 08.1	-0.5
I29M	comp=Z,53nm,1.1s			i	P	11 34 08.5	-0.5
I29M	Ogilvie Camp	94.40	24	P	P	11 34 08.5	-0.5
YUK8	Steele Glacier	94.41	29	P	P	11 34 10.0	+0.5
IDI	Anoyit	94.55	305	LR	LR	12 25 02.7	
J29M	Klondike Camp	94.60	25	P	P	11 34 11.2	
J29M	comp=Z,34nm,0.9s			i	Amb	11 34 09.3	-0.2
J29M	Klondike Camp	94.60	25	P	P	11 34 10.0	+0.5
LBTB	Lobatse	94.66	245	LR	LR	12 14 00.4	
YKUZ	Yakutat	94.72	30	P	P	11 34 11.9	+1.8
BOSA	Boshof	94.83	241	P	P	11 34 11.8	+0.4
BOSA	comp=Z,3.8nm,1.0s,baz=108,slow=9.5,SNR=3.3			LR	LR	12 11 05.4	
M29N	Somme Creek	94.84	27	P	P	11 34 10.8	+0.1
PNL	Peninsula	94.84	30	P	P	11 34 10.9	+0.2
PNL	Peninsula	94.84	30	P	P	11 34 10.2	-0.5
EPYK	Eagle Plains	94.85	23	P	P	11 34 10.1	-0.5
EPYK				i	Amb	11 34 11.2	
EPYK	comp=Z,32nm,1.1s			i	P	11 34 10.2	-0.4
L29M	L29M	94.87	27	P	P	11 34 10.7	-0.1
G30M	Aach Zraii Nji	94.91	23	P	P	11 34 09.7	-1.2
YUK4	Talbot Arm	94.94	28	P	P	11 34 10.4	-0.9
MARR	Marisel-Cluj	94.98	317	i	P	11 34 11.2	-0.5
K29M	Barow Dome	95.01	26	P	P	11 34 10.8	-0.7
YUK6	Outpost Mounta	95.14	29	P	P	11 34 12.2	-0.1
O29M	Mount Kennedy	95.14	29	P	P	11 34 12.1	-0.1
DRGR	DRGR	95.25	317	i	P	11 34 12.4	-0.5
DRGR				i	P	11 34 12.4	-0.5
STEI	Steigen	95.53	339	eP	P	11 34 12.1	-1.5
HTEI	Haines Junctio	95.58	29	P	P	11 34 14.0	-0.1
M30M	Minto, Yukon	95.58					

31d 11h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like K22A Casper, WUAZ Wupatki, and many others.

2017 MAR

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like F42A Maple Grove Fa, K38A Parkersburg, and many others.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like F62A Pittston Farm, B62A Brushton-Moira, and many others.

M57A	Sunshine Farm, baz=334	135.59	19	P	PKPdf	11 40 09.6 +0.4
M57A	Whipple baz=328,SNR=8.4	135.62	25	P	PKPdf	11 40 09.4 +0.2
P53A	UNH University of baz=344	135.64	12	P	PKPdf	11 40 09.3 -0.1
Q52A	Bidwell baz=326,SNR=6.7	135.69	26	P	PKPdf	11 40 09.2 -0.1
Q52A	Bidwell	135.69	26	P	PKPdf	11 40 09.2 -0.1
Q52A	Bidwell	135.69	26	P	PKPdf	11 40 09.2 -0.1
K62A	Royalston baz=342	135.75	14	P	PKPdf	11 40 09.5 +0.2
K62A	Royalston	135.75	14	P	PKPdf	11 40 09.5 +0.2
Y45A	Yeager Farm, C baz=314	135.81	37	PKPdf	PKPdf	11 40 08.5 -1.3
Y45A	Yeager Farm, C	135.81	37	PKPdf	PKPdf	11 40 08.5 -1.3
KSPA	Keystone Colle baz=336	135.82	18	P	PKPdf	11 40 09.8 +0.2
L61B	Northampton baz=341	135.84	14	P	PKPdf	11 40 09.9 +0.4
L61B	Northampton	135.84	14	P	PKPdf	11 40 09.9 +0.4
SSPA	Standing Stone baz=333	135.97	20	PKPdf	PKPdf	11 40 10.0 +0.4
SSPA	Standing Stone	135.97	20	PKPdf	PKPdf	11 40 10.0 +0.4
SSPA	Standing Stone	135.97	20	PKPdf	PKPdf	11 40 10.2 +0.4
U94A	Red Boiling Sp. baz=320	135.98	31	P	PKPdf	11 40 10.5 +0.5
V48A	Smith Brothers	136.01	33	PKPdf	PKPdf	11 40 08.7 -1.4
V48A	Smith Brothers	136.01	33	PKPdf	PKPdf	11 40 10.9 +0.8
PABK	Blue Knob Stat baz=332	136.04	21	P	PKPdf	11 40 10.5 +0.4
HRV	Adam Dzewiowski	136.05	13	PKIKP	PKPdf	11 40 09.5 -0.4
HRV	Adam Dzewiowski	136.05	13	PKIKP	PKPdf	11 40 09.5 -0.4
HRV	Adam Dzewiowski	136.05	13	PKIKP	PKPdf	11 40 10.1 +0.2
HRV	Adam Dzewiowski	136.05	13	PKIKP	PKPdf	11 40 10.8 -0.7
T50A	Nancy baz=322	136.06	30	P	PKPdf	11 40 10.0 -0.1
T50A	Nancy	136.06	30	P	PKPdf	11 40 10.4 +0.3
T50A	Nancy	136.06	30	P	PKPdf	11 40 10.4 +0.3
MCWV	Mont Chateau baz=330	136.10	23	P	PKPdf	11 40 10.2 +0.1
PNPY	Mohokn Preserv baz=338	136.11	16	P	PKPdf	11 40 10.2 +0.1
SS1A	Beattyville baz=324	136.17	28	P	PKPdf	11 40 10.5 +0.1
SS1A	Beattyville	136.17	28	P	PKPdf	11 40 10.5 +0.1
N58A	Sunbury baz=335,SNR=5.8	136.18	19	PKPdf	PKPdf	11 40 09.5 -0.7
N58A	Sunbury	136.18	19	PKPdf	PKPdf	11 40 10.3 +0.1
N58A	Sunbury	136.18	19	PKPdf	PKPdf	11 40 10.3 +0.1
Q54A	Cox Hills baz=328	136.28	24	P	PKPdf	11 40 10.4 +0.0
Q54A	Cox Hills	136.28	24	P	PKPdf	11 40 10.4 +0.0
Q54A	Cox Hills	136.28	24	P	PKPdf	11 40 10.4 +0.0
VBMS	Vicksburg baz=312	136.32	39	P	PKPdf	11 40 11.3 +0.6
R53A	Hurricane baz=326	136.35	26	P	PKPdf	11 40 10.9 +0.2
R53A	Hurricane	136.35	26	P	PKPdf	11 40 10.9 +0.2
R53A	Hurricane	136.35	26	P	PKPdf	11 40 10.9 +0.2
BRNY	Black Rk. Fore baz=339	136.47	16	PKPdf	PKPdf	11 40 11.1 +0.3
TRNY	Table Rock, Ra baz=343	136.66	16	PKIKP	PKPdf	11 40 10.2 -1.0
L64A	Middleborough baz=343	136.75	12	P	PKIKP	11 40 12.3 -0.7
L64A	Middleborough	136.75	12	P	PKIKP	11 40 12.3 -0.7
X48A	Hartselle baz=316	136.84	34	P	PKPdf	11 40 11.9 +0.2
X48A	Hartselle	136.84	34	P	PKPdf	11 40 11.9 +0.2
PAL	Palisades baz=339	136.88	16	P	PKPdf	11 40 11.8 +0.3
PAL	Palisades	136.88	16	P	PKPdf	11 40 11.8 +0.3
PAL	Palisades	136.88	16	P	PKPdf	11 40 12.4 +0.9
P57A	Homestead Farm baz=332	136.94	21	P	PKPdf	11 40 11.4 -0.3
P57A	Homestead Farm	136.94	21	P	PKPdf	11 40 11.8 +0.1
P57A	Homestead Farm	136.94	21	P	PKPdf	11 40 11.8 +0.1
TZTN	Tazewell baz=323	137.07	29	P	PKIKP	11 40 12.2 +0.1
TZTN	Tazewell	137.07	29	P	PKIKP	11 40 13.5 -0.4
TZTN	Tazewell	137.07	29	P	PKIKP	11 40 13.5 -0.4
SS4A	Dingess, Beckl baz=327	137.07	26	P	PKIKP	11 40 13.2 -0.7
SS4A	Dingess, Beckl	137.07	26	P	PKIKP	11 40 13.2 -0.7
SS4A	Dingess, Beckl	137.07	26	P	PKIKP	11 40 13.2 -0.7
Z47A	Carrollton baz=315	137.16	36	P	PKPdf	11 40 12.9 +0.7
Z47A	Carrollton	137.16	36	P	PKPdf	11 40 12.9 +0.7
R55A	Marlington baz=329	137.17	24	P	PKPdf	11 40 13.2 +0.9
R55A	Marlington	137.17	24	P	PKPdf	11 40 13.2 +0.9
R55A	Marlington	137.17	24	P	PKPdf	11 40 13.2 +0.9
PANJ	Princeton baz=337	137.23	17	P	PKPdf	11 40 13.0 +0.8
PANJ	Princeton	137.23	17	P	PKPdf	11 40 13.0 +0.8
W50A	Signal Mountai baz=320	137.32	32	P	PKIKP	11 40 13.4 -0.9
V51A	Loudon baz=322	137.26	30	P	PKPdf	11 40 12.5 +0.1
V51A	Loudon	137.26	30	P	PKPdf	11 40 12.9 +0.5
V51A	Loudon	137.26	30	P	PKPdf	11 40 12.9 +0.5
GE2E	Greenville baz=336	137.46	19	P	PKPdf	11 40 12.6 +0.0
GE2E	Greenville	137.46	19	P	PKPdf	11 40 13.4 +0.4
Y49A	Blount Mountai baz=318	137.64	34	PKIKP	PKPdf	11 40 14.3 -0.8
Y49A	Blount Mountai	137.64	34	PKIKP	PKPdf	11 40 13.7 +0.6
Y49A	Blount Mountai	137.64	34	PKIKP	PKPdf	11 40 13.7 +0.6
Y49A	Blount Mountai	137.64	34	PKIKP	PKPdf	11 40 13.3 +0.2
LRAL	Lakeview Retre baz=322	137.90	36	P	PKPdf	11 40 13.6 +0.0
LRAL	Lakeview Retre	137.90	36	P	PKPdf	11 40 13.6 +0.0
BLA	Blacksburg baz=328	137.95	25	P	PKPdf	11 40 14.2 +0.5
BLA	Blacksburg	137.95	25	P	PKPdf	11 40 14.2 +0.5
CBN	Corbin Frederi baz=332	138.30	21	P	PKPdf	11 40 14.8 +0.6
CBN	Corbin Frederi	138.30	21	P	PKPdf	11 40 14.8 +0.6
PLCA	Paso Flores comp=Z,1.3nm,0.8s,baz=352,slow=4.6,SNR=3.2	138.44	167	PKIKP	PKPpre	11 40 04.8
PLCA	Paso Flores	138.44	167	PKIKP	PKPpre	11 40 14.5 -0.1
PLCA	Paso Flores	138.44	167	PKIKP	PKPpre	11 40 14.5 -0.1
PLCA	Paso Flores	138.44	167	PKIKP	PKPpre	11 43 37.2
PLCA	Paso Flores	138.44	167	PKIKP	PKPpre	11 40 15.0 +0.4
PLCA	Paso Flores	138.44	167	PKIKP	PKPpre	11 40 15.0 +0.4
PLCA	Paso Flores	138.44	167	PKIKP	PKPpre	11 40 14.9 +0.4
Z51A	Franklin baz=315	138.73	34	P	PKPdf	11 40 15.5 +0.3
Z51A	Franklin	138.73	34	P	PKPdf	11 40 15.5 +0.3
BRML	Kings Mountain baz=325	139.26	28	P	PKIKP	11 40 17.6 -0.8
BRML	Kings Mountain	139.26	28	P	PKIKP	11 40 17.6 -0.8
G006	Curanrue	139.31	166	PKIKP	PKPdf	11 40 16.7 +0.5
G006	Curanrue	139.31	166	PKIKP	PKPdf	11 40 16.9 +0.8
T50A	Double "B" Far	139.32	23	PKIKP	PKPdf	11 40 17.1 +0.7
T50A	Double "B" Far	139.32	23	PKIKP	PKPdf	11 40 17.1 +0.7
T50A	Double "B" Far	139.32	23	PKIKP	PKPdf	11 40 17.1 +0.7
X58A	Rowland	140.66	26	PKIKP	PKPdf	11 40 19.1 +0.5
CMIG	Matias Romero comp=Z,5.8nm,0.8s,baz=352,slow=2.8,SNR=1.2	141.02	62	PKIKP	PKPpre	11 40 13.0
CMIG	Matias Romero	141.02	62	PKIKP	PKPpre	11 40 13.0
TIGA	Tifton baz=320	141.02	34	P	PKIKP	11 40 20.9 -1.1
TIGA	Tifton	141.02	34	P	PKIKP	11 40 20.9 -1.1
TRQA	Tornquist	142.29	177	PKIKP	PKPdf	11 40 21.5 +0.0
EO01	Tunca	142.30	163	PKIKP	PKPdf	11 40 23.6 +0.0
MT01	Popeta	144.75	163	PKIKP	PKPdf	11 40 24.9 +0.0
DWPF	Disney Wildern	144.76	35	PKIKP	PKPdf	11 40 25.7 -0.3
DWPF	Disney Wildern	144.76	35	PKIKP	PKPdf	11 40 25.7 -0.3
Y405	Santo Domingo	144.83	162	PKIKP	PKPdf	11 40 25.1 +0.0
Y405	Santo Domingo	144.83	162	PKIKP	PKPdf	11 40 27.2 +0.6
TEIG	Tepich	145.16	153	PKIKP	PKPdf	11 40 26.8 +0.1
MT03	Universidad Ad	145.31	164	PKIKP	PKPdf	11 40 27.4 +0.3
ROCI	El Roble	145.65	163	PKIKP	PKPdf	11 40 28.5 +0.1
VA03	San Esteban	145.98	163	PKIKP	PKPdf	11 40 29.4 -0.3
PLTB	Pedras Altas	148.18	189	PKIKP	PKPdf	11 40 35.1 +0.0
PLTB	Pedras Altas	148.18	189	PKIKP	PKPdf	11 40 32.5 +0.0
G004	Tololo Observa	148.31	161	PKIKP	PKPdf	11 40 35.0 -0.8

CO01	Juntas del Tor	148.72	162	PKPbc	PKPbc	11 40 37.1 +0.3
TGUH	Tequiguigala,Un	148.84	62	PKPbc	PKPbc	11 40 36.2 -1.4
PAYG	Puerto Ayora	149.09	91	PKPbc	PKPbc	11 40 38.1 +0.1
LOCO	Las Campanas	149.42	160	PKPbc	PKPbc	11 40 32.4 -1.8
LOCO	Las Campanas	149.42	160	PKPbc	PKPbc	11 40 38.7 0.0
AC05	El Transito	149.72	161	PKPbc	PKPbc	11 40 38.4 -1.8
AC05	Cerro Negro	150.08	64	PKPab	PKPab	11 40 39.4 +0.2
CNGN	Cerro Negro	150.08	64	PKPab	PKPab	11 40 40.5 +0.4
CNGN	Cerro Negro	150.08	64	PKPab	PKPab	11 40 33.7 -1.6
CNGN	Cerro Negro	150.08	64	PKPbc	PKPbc	11 40 39.8 -0.6
CNGN	Cerro Negro	150.08	64	PKPbc	PKPbc	11 40 40.5 +0.4
CNGN	Cerro Negro	150.08	64	PKPbc	PKPbc	11 40 46.8 +0.3
MATN	Matagalpa	150.60	63	PKPbc	PKPbc	11 40 41.6 -0.1
MATN	Matagalpa	150.60	63	PKPbc	PKPbc	11 40 42.9 +0.5
MATN	Matagalpa	150.60	63	PKPbc	PKPbc	11 40 41.6 -0.1
ITOB	Itaqui	150.62	185	PKPab	PKPab	11 40 49.2 +0.5
ITOB	Itaqui	150.62	185	PKPab	PKPab	11 40 49.2 +0.5
ITOB	Itaqui	150.62	185	PKPab	PKPab	11 40 41.1 -0.1
ITOB	Itaqui	150.62	185	PKPab	PKPab	11 40 35.3 -0.4
ITOB	Itaqui	150.62	185	PKPab	PKPab	11 40 41.1 -0.1
ALGR	Alto Alegre (B	150.92	192	eP	PKPbc	11 40 35.5 -0.1
ALGR	Alto Alegre (B	150.92	192	eP	PKPbc	11 40 36.6 +0.2
MECA	Mercedes	151.09	182	eP	PKPbc	11 40 37.2 +0.8
DUNO	Dulce Nombre,	152.07	68	PKPbc	PKPbc	11 40 38.0 -0.3
DUNO	Dulce Nombre,	152.07	68	PKPbc	PKPbc	11 40 45.9 +0.6
DUNO	Dulce Nombre,	152.07	68	PKPbc	PKPbc	11 40 53.4 -1.4
ACZA	Azaras, Argent	152.13	186	eP	PKPbc	11 40 38.2 +0.2
ITAB	Concordia	152.27	194	eP	PKPbc	11 40 38.4 +0.2
CRSM	Crissiumal (Br	152.43	190	eP	PKPbc	11 40 38.2 -0.3
JTS	Las Juntas de	152.49	67	PKPbc	PKPbc	11 40 37.5 -1.4
JTS	Las Juntas de	152.49	67	PKPbc	PKPbc	11 40 55.9 -0.4
JTS	Las Juntas de	152.49	67	PKPbc	PKPbc	11 40 42.8 +0.1
JTS	Las Juntas de	152.49	67	PKPbc	PKPbc	11 40 37.5 -1.4
VACA	Villa Angela C	152.73	177	eP	PKPbc	11 40 39.2 +0.3
VACA	Villa Angela C	152.73	177	eP	PKPbc	11 40 38.7 -1.5
GO02	Heredia	153.37	67	PKPab	PKPab	11 40 47.3 -0.6
GO02	Heredia	153.37	67	PKPab	PKPab	11 40 49.2 -0.8
HDC	Heredia	153.37	67	PKPab	PKPab	11 40 39.9 -0.5
PB14	IPOC Station P	153.51	157	PKPbc	PKPbc	11 40 38.5 -2.1
PB14	IPOC Station P	153.51	157	PKPbc	PKPbc	11 40 48.5 +0.2
PB14	IPOC Station P	153.51	157	PKPbc	PKPbc	11 40 48.5 +0.2
CPUP	Villa Florida	153.99	184	PKPbc	PKPbc	11 40 40.3 -0.5
CPUP	Villa Florida	153.99	184	PKPbc	PKPbc	11 40 49.9 +0.1
CPUP	Villa Florida	153.99	184	PKPbc	PKPbc	11 40 48.6 -0.3
CPUP	Villa Florida	153.99	184	PKPbc	PKPbc	11 40 42.2 -0.1
CPUP	Villa Florida	153.99	184	PKPbc	PKPbc	11 40 41.3 -0.2
CPUP	Villa Florida	153.99	184	PKPbc	PKPbc	11 40 41.3 -0.2
CPUP	Villa Florida	153.99	184	PKPbc	PKPbc	11 40 42.8 +0.2
CPUP	Villa Florida	153.99	184	PKPbc	PKPbc	11 40 46.6 +0.3
CPUP	Villa Florida	153				

31d 12h

comp=2.8nm,0.7s,baz=1.7,slow=2.2,SNR=13
AKASG Malin Array Be 148.00 328 PKPbC PKPbC 11 51 15.4 +1.2

BRTR Keskin Array B 150.97 307 PKPbC PKPbC 11 51 24.4 -0.9

IOC 31 11:47:16.4±1.3,12°18'N:144.16°E,h0km,mb3.5/3,
mbtmp3.5/3,Error ellipse: s-maj=52.7km s-min=18.7km
az=108.0, South of Mariana Islands

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

DDA 31 11:48:40.6±0.0,39°53'N:26°18'E,h8km,MW3.1
ISK 31 11:48:40.4,39°54'N:26°18'E,h7km,ML2.8/7
ATH 31 11:48:41.2,39°54'N:26°19'E,h7km,2km,ML2.4/7

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like KOCA Canakkale, GPNR Gulpinar-Canak, PRK Paraskevi, PRK Paraskevi.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like EZN Ezine, EZN Ezine, BOZC Bozcaada, BOZC Bozcaada.

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like ECEA Canakkale, ECEA Canakkale, CNKL anakkale-Mer.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like COMU Canakkale, GOKA anakkale-Gk, GOKA anakkale-Gk.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like GADG Gokgsada, BUHA Balikesir, BUHA Balikesir, BUHA Balikesir.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like DKL Dikili, CANM Can-anakkale, LIA Limnos Island, LIA Limnos Island.

2017 MAR

Table with columns: ERIK Erikli-Kesan, ENEZ Enez, ENEZ Enez, STEP Enez, STEP Enez, STEP Enez.

Table with columns: KRBG Karabiga-Canak, URLA Izmir, GONE Genen-Balikesi, BALB Balikesir, ZEVE Izmir, ZEVE Izmir.

Table with columns: BLBC Balcova, BLBC Balcova, ALN Alexandroupoli, ALN Alexandroupoli, ALN Alexandroupoli, ALN Alexandroupoli.

Table with columns: RYK Sarkoy-Tekirda, THAS Thassos island, THAS Thassos island, THAS Thassos island, THAS Thassos island.

Table with columns: DGB zmir, DGB zmir, DGB zmir, UKOP Uzunkopru-Edir, RDO Rodhopi, RDO Rodhopi, RDO Rodhopi.

Table with columns: BANO Balikesir-Ban, BANO Balikesir-Ban, PAIG Palioru, KOKK Kokkinochori, KULA Kula-Manisa, ULDT Uludag.

Table with columns: HEL 31 11:58:54.0±0.3,60°36'N:25°16'E,h0km,ML0.7,
Explosion,Finland
HEL1 Helsingi, HEL1 Helsingi, HEL1 Helsingi, HEL1 Helsingi.

Table with columns: MEF Metsahovi, MEF Metsahovi, FIAO FINESS Array S, FIAO FINESS Array S, FIAO FINESS Array S, FIAO FINESS Array S.

Table with columns: OBF4 VikkeLa, Lumij, OBF4 VikkeLa, Lumij, OBF4 VikkeLa, Lumij, OBF4 VikkeLa, Lumij.

Table with columns: TULEG Thule, TULEG Thule, KULLO Kullorsuaq, KULLO Kullorsuaq, KULLO Kullorsuaq, CLRN Clyde River, CLRN Clyde River.

1834

Table with columns: IAKL Akhelmad, IDMV Damavand, MZPU Pul - Mazandar, IPAY Payeh, INSY Nastanj, IHDG Naranjan.

Table with columns: KLST Kelardasht - M, IKRD Kardeh, IVRN Varamin, TBHD Torbat heydari, ISFB Sefidab, TKDS Koshdash(Taba).

Table with columns: QALM Alamut, Qazvin, KRSH Karshahi, IMYA Miami, ANAR Anarak, ICOM Komaran.

Table with columns: TPVR Parvadeh(Tabas), JRKH Jarkhoskh, TBJM Torbat-e-JAM, QAMS Qamsar, IFAZ Razezghan, AFZK Afriz.

Table with columns: IZEF Zefreh, IKLH Kalahrood, ITEG Tehaj, SHRT Shahrakht, ASTR Astara, IRAM Ramesheh, LRK Lerik.

Table with columns: GLBA Ciliabad, GLBA Ciliabad, YRD Yardiimi, YRD Yardiimi, YRD Yardiimi, YRD Yardiimi.

Table with columns: BSRN Basiran, BSRN Sarab, IHRS Heris, AMIS Nat Sefid, SEKA Sheki, ORD Ordubad.

Table with columns: SBZ Shabuz, GDB GEDABAY, QZX Qazax, Azerbai, KBZ Khabaz, AB31 Abkhak array, AB31 Abkhak array.

Table with columns: AKTO Aktyubinsk, AKTO Aktyubinsk, AKTO Aktyubinsk, BELG Belogoroye, BELG Belogoroye, BVAR Borovoye Array, BVAR Borovoye Array.

Table with columns: KURBB Kurchatov Arr, KURBB Kurchatov Arr, MKAR Makanchi Array, MKAR Makanchi Array, AKASG Malin Array Be, AKASG Malin Array Be.

IOC 31 12:05:35.5±2.9,36°79'N:55°07'E,h0km,mb3.3/3,
mbtmp3.6/8,ML3.5/5,Error ellipse: s-maj=42.9km
s-min=21.0km az=13.0

AZER 31 12:05:37.8±1.3,36°50'N:55°05'E,h11km,Error ellipse:
s-maj=37.2km s-min=11.0km az=19.0

TEH 31 12:05:37.3,36°89'N:55°27'E,h11km,33km,ML3.5
NNC 31 12:05:40.1±5.7,36°46'N:55°19'E,h0km,mb3.9,Error
ellipse: s-maj=57.0km s-min=32.5km az=33.0

ISC 31 12:05:37.0±7.3,36°34'N:05°55'26"E,0.03,h10km,n63,
i=144/63,mb3.3/3,3C-3D,Northern and central Iran

IOC 31 12:06:47.8±0.6,24°93'N:126°83'E,h0km,mb3.9/14,
mbtmp3.9/16,ML3.8/2,MS3.3/6,Error ellipse:
s-maj=22.7km s-min=13.5km az=85.0

NEIC 31 12:06:49.2±2.6,24°89'N:0°08:12.688E,0.07,h10km,1km,
mb4.4/23,Error ellipse: s-maj=13.6km s-min=10.1km
az=336.0

JMA 31 12:06:51.6±0.2,25°N:127°E, h75km, MV3.7/18
NEAR MIYAKOJIMA ISLAND
ISC 31 12:06:49.3±1.6,24°30'N:05°126°90'E,0.05,h13km,10km,
n86,c099/95,mb4.2/27,MS3.3/4,Ryukyu Islands

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

Table with columns: JOGS Gusukube, JOGS Gusukube, JOGS Gusukube, JOGS Gusukube, JOGS Gusukube, JOGS Gusukube.

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Table with columns: JOGS Gusukube, JOGS Gusukube, JOGS Gusukube, JOGS Gusukube, JOGS Gusukube, JOGS Gusukube.

Table with columns: MDJ, Mudanjiang, 144.57, 83, PKP, PKPpdf, AMB, 16 29 21.0 +1.0, etc.

Table with columns: AMBZ, Amberd, 1.94, 26, JP, P, 16 34 52.3 -0.1, etc.

Table with columns: FINES, FINESS, Array B, 142.20, 341, PKhKP, PKPpre, 16 53 20.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

OSPL 31 16:44:07.4:0.5, 19:78N:66:09W, h6km, 52km, ML3.3

ISC 31 16:44:05.9:1.8, 20:00N:01:66:04W, 0.05, h35km, n25,

AZER 31 16:34:11.4:0.9, 38:44N:42:83E, h9km, 41km, Error ellipse: s-maj=132.0km, s-min=10.3km az=240.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

ISC 31 16:34:35.2:1.4, 27:13S:178:65W, h351km, 17km, mb2.8/2,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

ISC 31 16:34:36.6:1.2, 27:48S:0:09:178:7W, 0.1, h350km, n50,

OSPL 31 16:44:07.4:0.5, 19:78N:66:09W, h6km, 52km, ML3.3

ISC 31 16:44:05.9:1.8, 20:00N:01:66:04W, 0.05, h35km, n25,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVAN Van, ORD Orudubad, GEVA Gevas, etc.

MAN 31 16:57:57.7, 5.01N x 125.30E, h32km, mb4.3, ML3.1, MS2.9
IDC 31 16:57:58.9, 3.8, 5.26N; 125.53E, h37km, 3.1km, mb3.6/6,
mbmp3.6/6, MS2.9/1, Error ellipse: s-maj=61.2km
s-min=17.3km az=71.0

NEIC 31 16:58:11.1, 2.0, 4.46N; 0.09, 125.0E, 0.1, h108km, 14km,
mb4.0/10, Error ellipse: s-maj=14.8km s-min=12.2km
az=74.0

ISC 31 16:57:59.2, 0.6, 5.17N; 102.125, 35E; 0.07, h35km, n32,
s159/36, mb3.8/1.0, 3C-3D, Mindanao

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

IDC 31 17:19:29.6, 1.0, 2.19S; 119.54E, h0km, mb3.6/5,
mbmp3.6/6, ML3.8/1.1, MS2.8/1, Error ellipse: s-maj=69.9km
s-min=17.0km az=69.0

DJA 31 17:19:35.2, 2.0, 2.3S; 111.9E, h32km, 32km, M4, 1/9,
mb4.5/2, ML4.0/9

ISC 31 17:19:34.2, 0.9, 2.25S; 105.05E; 0.08, h35km, n14,
s152/17, mb3.7/5, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPSI Sidrap Palau, KAPI Kappang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAPI 9.0nm, 0.3s, baz=23, slow=12, SNR=14, etc.

IDC 31 17:23:32.1, 1.6, 23.70S; 179.84W, h496km, 13km,
mb3.7/13, mbtmp4.6/15, Error ellipse: s-maj=18.8km
s-min=11.0

NEIC 31 17:23:32.2, 2.2, 23.86S; 0.05, 179.6W, 0.1, h506km, 9km,
mb4.5/50, Error ellipse: s-maj=18.8km s-min=3.1km
az=110.0

ISC 31 17:23:32.5, 0.5, 23.79S; 0.06, 179.69W, 0.08, h512km,
n104, s156/114, mb4.5/2, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAPI 9.0nm, 0.3s, baz=23, slow=12, SNR=14, etc.

IDC 31 17:25:21.9, 0.4, 5.21N; 132.67W, h31km, 72km, mb5.5
MOS 31 17:25:21.2, 0.9, 5.21N; 132.38W, h10km, mb5.3/127,
MS5.0/67, Error ellipse: s-maj=5.4km s-min=4.3km
az=52.1

IDC 31 17:25:21.9, 0.4, 5.21N; 132.38W, h0km, Mb4.7/36,
mbmp4.7/38, ML4.9/2, MS4.9/4, Error ellipse:
s-maj=8.3km s-min=8.3km az=6.0

NEIC 31 17:25:23.1, 5.266N; 32.30W, h10km
NEIC 31 17:25:23.1, 5.267N; 0.07, 32.32W; 0.08, h10km, 1km,
mb5.4/672, Ms_20.5, 1/291, MWb5.5/42, MWb5.5/25, Error
ellipse: s-maj=12.7km s-min=7.7km az=194.0, Moment
Tensor Solution. Moment tensor: Scale 10^17 Nm;
Mrr: 0.7; Mth: 0.86; Mtt: 0.79; Mtr: 0.4; Mtr: 1.58; Mtr: 0.73;
Fault plane solution: M1: 980000; t: 1017. NP1:
phi: 101.42000; 874.76000; A: 162.34000; NP2:
phi: 196.21000; 872.98000; A: 15.96000; Principal axes: T
2.1165, Plg23.0000; Azm59.0000; N -0.2997,
Plg67.0000; Azm242.0000; P -1.8168, Plg1.0000;
Azm149.0000;

NEIC 31 17:25:24.5, 5.271N; 32.31W, h20km, Moment Tensor
Solution. Duration: 2s9 Moment tensor: Scale 10^17 Nm;
Mrr: 0.5; Mth: 0.55; Mtt: 0.5; Mtr: 0.5; Mtr: 0.47; Mtr: 0.48;
Fault plane solution: M2: 620000; t: 1017. NP1:
phi: 275.1000; 881.12000; A: 167.99000; NP2: phi: 6.98000;
878.14000; A: 9.08000; Principal axes: T 2.6842,
Plg15.0000; Azm231.0000; N -0.1261, Plg75.0000;
Azm59.0000; P -2.5582, Plg2.0000; Azm321.0000;

NEIC 31 17:25:24.5, 5.271N; 32.31W, h20km
GCMT 31 17:25:27.1, 0.1, 5.21N; 132.32W, 0.01, h23km,
MW5.6/160, Moment Tensor Solution. s133, c225;
s160, c312; Duration: 1s6 Moment tensor: Scale 10^17
Nm; Mrr: -0.72; 0.05; Mth: -0.39; 0.05; Mtt: 1.11; 0.05;
Mtr: 0.22; 0.04; Mtr: 3.51; 0.04; Mtr: 0.46; 0.07; Best double
couple: Ms: 61800; 1017. NP1: phi: 186.0000; 888.0000;
2.6.0000; NP2: phi: 390.0000; 884.0000; 1.78.0000;
Principal axes: T 3.9990, Plg6.0000; Azm51.0000; N
-0.7650, Plg3.0000; Azm260.0000; P -3.2370,
Plg3.0000; Azm321.0000; nsta: 1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
BER 31 17:25:27.3, 1.9, 5.27N; 31.91W, h20km, mb5.2,
MW5.5(CSEM)

BGR 31 17:25:40.7, 5.27N; 30.79W, h10km, mb4.9, Ms4.8
ISC 31 17:25:42.0, 5.26N; 0.03, 32.36W, 0.03, h18km, 2km,
h18km; pp-P, 1898, r1940/1925, mb5.3/523, MS5.1/309,
64C-39D, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAPI 9.0nm, 0.3s, baz=23, slow=12, SNR=14, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBA Scott Base, SOEI Soe, etc.

IDC 31 17:25:21.9, 0.4, 5.21N; 132.67W, h31km, 72km, mb5.5
MOS 31 17:25:21.2, 0.9, 5.21N; 132.38W, h10km, mb5.3/127,
MS5.0/67, Error ellipse: s-maj=5.4km s-min=4.3km
az=52.1

IDC 31 17:25:21.9, 0.4, 5.21N; 132.38W, h0km, Mb4.7/36,
mbmp4.7/38, ML4.9/2, MS4.9/4, Error ellipse:
s-maj=8.3km s-min=8.3km az=6.0

NEIC 31 17:25:23.1, 5.266N; 32.30W, h10km
NEIC 31 17:25:23.1, 5.267N; 0.07, 32.32W; 0.08, h10km, 1km,
mb5.4/672, Ms_20.5, 1/291, MWb5.5/42, MWb5.5/25, Error
ellipse: s-maj=12.7km s-min=7.7km az=194.0, Moment
Tensor Solution. Moment tensor: Scale 10^17 Nm;
Mrr: 0.7; Mth: 0.86; Mtt: 0.79; Mtr: 0.4; Mtr: 1.58; Mtr: 0.73;
Fault plane solution: M1: 980000; t: 1017. NP1:
phi: 101.42000; 874.76000; A: 162.34000; NP2:
phi: 196.21000; 872.98000; A: 15.96000; Principal axes: T
2.1165, Plg23.0000; Azm59.0000; N -0.2997,
Plg67.0000; Azm242.0000; P -1.8168, Plg1.0000;
Azm149.0000;

NEIC 31 17:25:24.5, 5.271N; 32.31W, h20km, Moment Tensor
Solution. Duration: 2s9 Moment tensor: Scale 10^17 Nm;
Mrr: 0.5; Mth: 0.55; Mtt: 0.5; Mtr: 0.5; Mtr: 0.47; Mtr: 0.48;
Fault plane solution: M2: 620000; t: 1017. NP1:
phi: 275.1000; 881.12000; A: 167.99000; NP2: phi: 6.98000;
878.14000; A: 9.08000; Principal axes: T 2.6842,
Plg15.0000; Azm231.0000; N -0.1261, Plg75.0000;
Azm59.0000; P -2.5582, Plg2.0000; Azm321.0000;

NEIC 31 17:25:24.5, 5.271N; 32.31W, h20km
GCMT 31 17:25:27.1, 0.1, 5.21N; 132.32W, 0.01, h23km,
MW5.6/160, Moment Tensor Solution. s133, c225;
s160, c312; Duration: 1s6 Moment tensor: Scale 10^17
Nm; Mrr: -0.72; 0.05; Mth: -0.39; 0.05; Mtt: 1.11; 0.05;
Mtr: 0.22; 0.04; Mtr: 3.51; 0.04; Mtr: 0.46; 0.07; Best double
couple: Ms: 61800; 1017. NP1: phi: 186.0000; 888.0000;
2.6.0000; NP2: phi: 390.0000; 884.0000; 1.78.0000;
Principal axes: T 3.9990, Plg6.0000; Azm51.0000; N
-0.7650, Plg3.0000; Azm260.0000; P -3.2370,
Plg3.0000; Azm321.0000; nsta: 1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
BER 31 17:25:27.3, 1.9, 5.27N; 31.91W, h20km, mb5.2,
MW5.5(CSEM)

BGR 31 17:25:40.7, 5.27N; 30.79W, h10km, mb4.9, Ms4.8
ISC 31 17:25:42.0, 5.26N; 0.03, 32.36W, 0.03, h18km, 2km,
h18km; pp-P, 1898, r1940/1925, mb5.3/523, MS5.1/309,
64C-39D, Reykjanes Ridge

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

F62A	baz=61,SNR=12	P	P	17 30 49.0	-0.3	
BSEG	baz=61,SNR=12 Bad Segeberg	25.28 70	eP	P	17 30 48.0	-1.2
TNS	comp=Z,100m,0.9s,ba=292,slow=9.0	25.32 79	eP	P	17 30 51.0	-0.2
ECH	comp=Z,85nm,0.9s,ba=292,slow=9.0	25.33 84	P	P	17 30 48.8	-1.6
ECH	Echery	25.33 84	P	P	17 30 48.8	-1.6
ECH	comp=Z,42nm,1.0s		pmax	pmax		
ECH	comp=Z,3um,19.0s		MLR	MLR		
NSS	Namsos	25.41 45	eP	P	17 30 51.6	+0.7
NSS	comp=Z,33nm,0.8s		IAMB	IAMB	17 30 53.2	
NRDL	Niedersach Rie	25.55 73	eP	P	17 30 51.4	-0.8
NRDL	comp=Z,129nm,1.5s,ba=292,slow=9.0					
WVL	Waterville	25.71 267	P	P	17 30 53.0	-0.8
WVL	comp=Z,76nm,0.9s		IAMB	IAMB	17 31 04.0	
NEEM	North Greenlan	25.89 351	iP	P	17 30 53.1	-2.3
NEEM	comp=Z,436nm,1.7s		IAMB	IAMB	17 30 53.2	
G62A	West of Eustis	25.91 269	P	P	17 30 54.8	-0.8
G62A	comp=Z,72nm,1.2s,ba=292,slow=9.0		IAMB	IAMB	17 31 12.7	
G62A	West of Eustis	25.91 269	P	P	17 30 55.5	0.0
G62A	comp=Z,70nm,1.0s,ba=59,SNR=11					
G62A	baz=59,SNR=11		P	P	17 30 55.5	0.0
CLF	Clausthal	25.91 74	eP	P	17 30 55.0	-0.6
CLF	comp=Z,72nm,1.2s,ba=292,slow=9.0					
BFO	Black Forest	26.00 83	P	P	17 30 54.6	-1.8
BFO	comp=Z,4um,21.0s		IAMS_20	IAMS_20	17 40 27.0	
BFO	Black Forest	26.00 83	P	P	17 30 54.6	-1.8
BFO	comp=Z,28nm,1.0s		pmax	pmax		
BFO	comp=Z,4um,21.0s		MLR	MLR		
BFO	Black Forest	26.00 83	eP	P	17 30 55.2	-1.2
BFO	comp=Z,22nm,0.9s,ba=292,slow=9.0					
LLD	Lille	26.02 66	iP	P	17 30 52.2	-4.2
UBBA	Unterbreizbach	26.04 77	eP	P	17 30 55.6	-1.0
UBBA	comp=Z,8.5nm,0.9s,ba=292,slow=9.0					
COP	Copenhagen	26.07 65	iP	P	17 30 52.2	-4.6
COP	comp=Z,75nm,1.0s		IAMB	IAMB	17 31 40.2	
HFS	Hagfors	26.11 55	P	P	17 30 56.9	-0.4
HFS	comp=Z,6.7nm,0.8s,ba=266,slow=8.7,SNR=18		LR	LR	17 39 54.0	
HFS	comp=Z,6.7nm,0.8s					
KONS	Konsvik	26.17 40	eP	P	17 30 57.6	-0.1
KONS	La Tuque	26.25 275	P	P	17 30 57.4	-1.2
SEIN	Lac Senin/Sane	26.25 88	P	P	17 30 57.2	-1.7
FLTG	Flechtingen	26.26 73	eP	P	17 30 56.9	-1.7
FLTG	comp=Z,32nm,1.2s,ba=292,slow=9.0					
STU	Stuttgart	26.34 82	P	P	17 30 58.2	-1.2
STU	Stuttgart	26.34 82	P	P	17 30 58.2	-1.2
STU	comp=Z,42nm,0.9s		pmax	pmax		
STU			MLR	MLR		
CART	comp=Z,2um,20.0s	26.48 112	IAMS_20	IAMS_20	17 40 01.4	
CART	Carthage	26.48 112	IAMS_20	IAMS_20	17 40 01.4	
BNI	Bardonecchia	26.52 91	P	P	17 30 59.9	-1.4
BNI	Bardonecchia	26.52 91	P	P	17 30 59.9	-1.4
BNI	comp=Z,32nm,1.3s		pmax	pmax		
BNI			MLR	MLR		
I63A	Otisfield	26.55 267	P	P	17 31 00.5	-0.8
I63A	comp=Z,2um,21.0s		IAMB	IAMB	17 31 38.7	
I63A	comp=Z,66nm,1.1s					
I63A	Otisfield	26.55 267	P	P	17 31 01.3	0.0
I63A	baz=57					
I63A						
H62A	Milan	26.62 268	P	P	17 31 00.5	-1.5
H62A	comp=Z,118nm,1.3s		IAMB	IAMB	17 31 19.1	
H62A	Milan	26.62 268	P	P	17 31 02.1	+0.1
H62A	baz=58					
H62A						
LOF	Lofoten	26.65 37	eP	P	17 31 01.2	-0.7
MOR	Moi Rana	26.65 41	eP	P	17 31 04.8	+2.7
NEUB	Neuenburg	26.95 75	eP	P	17 31 04.2	-0.7
MOX	Moxa	27.06 76	eP	P	17 31 05.1	-0.8
MOX	comp=Z,22nm,1.3s,ba=292,slow=9.0		eL	L	17 41 10.1	
I62A	Tamworth	27.10 267	P	P	17 31 05.8	-0.5
I62A	comp=Z,87nm,1.1s		IAMB	IAMB	17 31 15.3	
I62A	Tamworth	27.10 267	P	P	17 31 06.7	+0.4
I62A	baz=57					
FAUS	Fauske	27.16 39	eP	P	17 31 10.4	+3.8
GRFO	Grafenberg	27.18 79	P	P	17 31 05.7	-1.3
GRFO	comp=Z,110nm,1.6s		IAMB	IAMB	17 31 44.4	
GRFO	Grafenberg	27.18 79	P	P	17 31 05.7	-1.3
GRFO	comp=Z,110nm,1.6s		pmax	pmax		
GRFO			MLR	MLR		
GRA1	Grafenberg Arr	27.18 79	P	P	17 31 05.4	-1.6
GRA1	comp=Z,3um,18.0s		IAMB	IAMB	17 31 41.8	
GRF	Grafenberg Arr	27.18 79	P	P	17 31 05.4	-1.6
GRF	comp=Z,70nm,1.3s		pmax	pmax		
GRF	comp=Z,70nm,1.3s		MLR	MLR		
GRF	Grafenberg Arr	27.18 79	eP	P	17 31 06.5	-0.6
GRF	comp=Z,30nm,1.0s,ba=292,slow=9.0		eL	L	17 40 46.1	
GRF	comp=Z,2um,19.1s					
UNH	University of	27.24 265	P	P	17 31 07.7	+0.1
UNH	baz=56					
LBNH	Lisbon	27.26 268	P	P	17 31 07.5	-0.3
LBNH	comp=Z,4um,20.0s		IAMS_20	IAMS_20	17 41 16.7	
LBNH	Lisbon	27.26 268	P	P	17 31 07.5	-0.3
LBNH	comp=Z,47nm,1.1s		pmax	pmax		
LBNH	comp=Z,4um,20.0s		MLR	MLR		
LBNH	Lisbon	27.26 268	P	P	17 31 08.5	+0.7
LBNH	baz=58					
LBNH	Lisbon	27.26 268	P	P	17 31 08.1	+0.3
DAVA	Damuels	27.39 84	eP	P	17 31 09.9	+0.8
PLN	Plauen	27.44 76	eP	P	17 31 07.7	-1.7
PLN	comp=Z,28nm,1.3s,ba=292,slow=9.0					
TUE	Stuetta	27.45 86	IAMS_20	IAMS_20	17 41 00.5	
TUE	comp=Z,4um,18.0s					
WERD	Werda	27.54 76	eP	P	17 31 09.1	-1.1
WERD	comp=Z,75nm,2.1s,ba=292,slow=9.0					
BSD	Bornholm Skovb	27.58 66	iP	P	17 31 08.4	-2.1
BSD	comp=Z,22nm,1.0s		IAMB	IAMB	17 31 12.6	
GUNZ	Gunzen	27.59 77	eP	P	17 31 09.8	-0.9
GUNZ	comp=Z,7nm,1.3s,ba=292,slow=9.0					
MANZ	Manzenberg	27.60 77	eP	P	17 31 09.4	-1.4
MANZ	comp=Z,3.0nm,1.1s,ba=292,slow=9.0					
DAVOX	Davos/Dischmat	27.62 85	P	P	17 31 11.3	+0.1
DAVOX	comp=Z,13nm,0.6s,ba=310,slow=11,SNR=26		LR	LR	17 40 39.4	
DAVOX	comp=Z,2um,19.4s,ba=303,slow=33					
DAVOX	comp=Z,13nm,0.6s					
CLL	Collm	27.64 74	P	P	17 31 10.0	-1.0
CLL	comp=Z,24nm,0.7s		iP	P	17 31 11.4	+0.3
CLL			eP	Pn	17 31 52.0	-4.4
CLL			eS	S	17 36 01.0	+9.2
CLL	Collm	27.64 74	P	P	17 31 10.0	-1.0
CLL	comp=Z,22nm,0.8s		pmax	pmax		
CLL	comp=Z,2um,22.0s		MLR	MLR		

CLL	Collm	27.64 74	eP	P	17 31 09.6	-1.5
CLL	comp=Z,24nm,0.7s,ba=292,slow=9.0					
WERN	Wernitzgruen	27.64 77	eP	P	17 31 10.2	-1.0
WERN	comp=Z,31nm,1.6s,ba=292,slow=9.0					
TANN	Tannbergstha	27.64 76	eP	P	17 31 10.4	-0.9
TANN	comp=Z,20nm,0.9s,ba=292,slow=9.0					
MNTQ	Montreal, Queb	27.65 272	P	P	17 31 10.3	-0.9
NKC	Novy Kostel	27.70 77	AMS	AMS	17 42 10.0	
TULEG	Thule	27.71 343	P	P	17 31 09.9	-1.5
TULEG	comp=Z,82nm,1.1s		IAMB	IAMB	17 31 53.8	
TULEG	comp=Z,6um,20.0s		IAMS_20	IAMS_20	17 40 56.4	
TULEG	Thule	27.71 343	iP	P	17 31 09.7	-1.7
TULEG	comp=Z,82nm,1.1s		IAMB	IAMB	17 31 53.2	
ROTZ	Rotzenmuehl	27.74 78	eP	P	17 31 11.2	-0.8
ROTZ	comp=Z,2.6nm,1.0s,ba=292,slow=9.0					
HNH	Hanover	27.77 267	P	P	17 31 12.2	-0.1
RETA	Reutte	27.84 83	iP	P	17 31 12.6	-0.4
RETA	comp=Z,29nm,1.1s,SNR=8.6					
FUR	Furstenfeldbru	27.85 81	eP	P	17 31 12.7	-0.3
FUR	comp=Z,49nm,0.8s,ba=292,slow=9.0					
BRX	Boston College	27.86 264	P	P	17 31 12.5	-0.6
TRQ	Mont Tremblant	27.86 274	IAMB	IAMB	17 31 12.2	-1.0
L64A	Middleborough	27.89 263	P	P	17 31 12.7	-0.7
L64A	comp=Z,52nm,1.0s		IAMB	IAMB	17 31 55.6	
WES	Weston	27.92 264	IAMS_20	IAMS_20	17 41 39.3	
WES	comp=Z,60nm,1.1s					
FUORN	Ofenpass-Fuorn	27.93 85	P	P	17 31 12.4	-1.7
FRNY	Flat Rock	27.97 271	P	P	17 31 13.2	-0.9
FRNY	comp=Z,54nm,1.2s		IAMB	IAMB	17 31 35.5	
FRNY	Flat Rock	27.97 271	P	P	17 31 13.7	-0.3
FRNY	baz=59					
FBE	Freiberg	27.98 75	eP	P	17 31 13.3	-0.8
FBE	comp=Z,32nm,1.2s,ba=292,slow=9.0					
M65A	Busby, Fairmont	27.99 262	IAMS_20	IAMS_20	17 41 41.2	
M65A	comp=Z,4um,19.0s					
HRV	Adam Dzewonski	27.99 265	P	P	17 31 14.1	-0.2
HRV	baz=55					
FETA	Feichten	28.03 84	eP	P	17 31 14.8	0.0
FETA	comp=Z,11nm,0.7s,SNR=7.4					
MCVT	Middlebury Col	28.07 268	P	P	17 31 14.7	-0.3
MCVT	baz=57					
MOTA	Moosalm	28.11 83	eP	P	17 31 15.3	-0.2
MOTA	comp=Z,34nm,1.3s,SNR=13					
MDT	Middelt	28.12 124	P	P	17 31 15.8	+0.2
MDT	comp=Z,3.2nm,0.9s,ba=315,slow=8.6,SNR=6.7		LR	LR	17 39 47.0	
MDT	comp=Z,1um,21.4s,ba=354,slow=31					
J61A	Chester	28.13 267	P	P	17 31 15.3	-0.3
J61A	comp=Z,78nm,1.4s		IAMB	IAMB	17 31 28.7	
J61A	Chester	28.13 267	P	P	17 31 15.9	+0.4
J61A	baz=56					
J61A						

31d 17h

2017 MAR

1846

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like D25K, HRY, WTLY, WMOK, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like BW06, PD31, PDAR, PDAR, PDAR, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like SDCO, M29M, O20A, O20A, E22K, etc.

BESE	Bessie Mountain	52.71 320	P	Iamb	P	17 34 37.3	-0.6
BESE	Steele Glacier	52.71 325	P	P	P	17 34 39.8	+1.0
YUK8	Juneau Island	52.72 319	P	P	P	17 34 35.9	-2.0
L26K	Log Cabin Wild	52.72 328	P	Iamb	Iamb	17 34 38.0	+0.1
L26K	comp=Z,120nm,1.9s		IAMs_20	IAMs_20		17 56 15.2	
L26K	Log Cabin Wild	52.72 328	P	P	P	17 34 38.2	+0.4
HLID	Hailey	52.74 295	P	Iamb	P	17 34 38.2	-0.3
HLID	comp=Z,42nm,1.0s	52.74 295	P	P	P	17 34 39.1	+0.7
HLID	baz=49,SNR=21						
PV15	Paradox Valley	52.80 287	P	Iamb	P	17 34 38.1	-1.0
PV15	comp=Z,52nm,1.0s	52.80 331	IAMs_20	IAMs_20		17 56 25.2	
COLA	College	52.80 331	eP	pmax	P	17 34 39.5	+1.1
COLA	comp=Z,3um,20.0s						
COLA	College	52.80 331	P	P	P	17 34 38.9	+0.6
COLA	baz=44						
COLA	CIGO, UAF Yank	52.81 331	P	Iamb	P	17 34 37.9	-0.5
TCOL	comp=Z,33nm,1.0s		IAMs_20	IAMs_20		17 56 25.2	
TCOL	CIGO, UAF Yank	52.81 331	P	P	P	17 34 38.6	+0.2
TCOL	baz=44						
PV07	Paradox Valley	52.83 287	P	Iamb	P	17 34 38.3	-1.0
PV07	comp=Z,80nm,1.1s	52.83 331	P	P	P	17 34 38.5	-0.4
MDM	Murphy Dome	52.85 331	P	P	P	17 34 38.0	-0.9
HDA	Harding Lake	52.87 330	Iamb	Iamb	Iamb	17 34 50.8	
HDA	comp=Z,47nm,1.2s		IAMs_20	IAMs_20		17 56 03.9	
BWA	Harding Lake	52.87 330	P	P	P	17 34 39.5	+0.6
HDA	baz=44,SNR=8.1						
MENT	Mentasta	52.91 328	P	Iamb	P	17 34 38.5	-0.7
MENT	comp=Z,43nm,1.3s	52.93 270	P	P	P	17 34 39.9	+0.1
735A	Kenedy	52.95 329	P	P	P	17 34 39.4	-0.1
K24K	Donnelly Dome	52.95 329	P	P	P	17 34 39.4	-0.1
CCB	Clear Creek Bu	52.95 331	P	Iamb	Iamb	17 34 37.8	-1.7
CCB	comp=Z,60nm,1.6s					17 34 41.5	
O29M	Mount Kennedy	52.95 323	P	P	P	17 34 40.5	+0.7
P18A	Preston Nutter	52.97 289	P	Iamb	Iamb	17 34 39.5	-0.8
P18A	comp=Z,70nm,1.3s					17 34 50.6	
HVU	Hansel Valley	52.99 293	P	Iamb	P	17 34 39.0	-1.3
HVU	comp=Z,43nm,1.1s	52.99 293	P	pmax	pmax	17 34 39.0	-1.3
JCT	Junction City	52.99 273	P	Iamb	P	17 34 38.9	-1.4
JCT	comp=Z,43nm,1.1s						
JCT	Junction City	52.99 273	P	pmax	pmax	17 34 38.9	-1.4
JCT	comp=Z,70nm,1.3s					17 56 15.4	
JCT	Junction City	52.99 273	P	pmax	pmax	17 34 38.9	-1.4
JCT	comp=Z,70nm,1.3s						
JCT	Junction City	52.99 273	P	P	P	17 34 39.1	-1.3
JCT	baz=45						
JCT	Junction City	52.99 273	P	P	P	17 34 39.3	-1.0
JLU	Jordanelle	53.01 291	P	P	P	17 34 39.0	-1.6
PV23	Carpenter Ridge	53.03 287	Iamb	Iamb	Iamb	17 34 40.4	-0.4
PV23	comp=Z,68nm,1.1s	53.04 332	P	Iamb	Iamb	17 34 39.6	-0.5
I23K	Minto, Yukon-K	53.04 332	P	Iamb	Iamb	17 34 53.3	
I23K	comp=Z,104nm,1.4s		IAMs_20	IAMs_20		17 56 16.4	
I23K	Minto, Yukon-K	53.04 332	P	P	P	17 34 41.0	+0.9
I23K	baz=43,SNR=25						
M26K	Nabesna, AK	53.05 327	P	Iamb	Iamb	17 34 41.0	+0.7
M26K	comp=Z,84nm,1.6s	53.05 327	P	P	P	17 34 40.5	+0.2
M26K	Nabesna, AK	53.05 327	P	P	P	17 34 40.7	-0.2
PV11	David Mesa, Pa	53.06 287	P	P	P	17 34 40.9	-0.4
PV10	Paradox Valley	53.10 287	P	P	P	17 34 40.9	-0.4
PV13	Radium Mtn., P	53.12 287	P	P	P	17 34 41.0	-0.4
CTU	Camp Tracy	53.12 291	Iamb	Iamb	Iamb	17 34 40.4	-0.9
CTU	comp=Z,33nm,1.1s	53.12 317	P	P	P	17 34 40.7	-0.1
WRAK	Wrangell Island	53.12 317	P	P	P	17 34 41.0	0.0
G21K	Allakaket	53.16 335	P	P	P	17 34 40.2	-0.9
WRH	Wood River Hill	53.17 331	P	Iamb	Iamb	17 34 40.2	-0.9
WRH	comp=Z,40nm,1.1s		IAMs_20	IAMs_20		17 56 24.7	
O28M	Mount Upton	53.22 324	P	P	P	17 34 42.8	+1.0
SMRC	Santa Marta, M	53.26 235	eP	P	P	17 34 45.3	+3.0
S32K	Killisnoo	53.34 319	P	P	P	17 34 43.5	+1.1
P17A	Butcher Ranch,	53.36 289	P	Iamb	Iamb	17 34 41.9	-1.1
P17A	comp=Z,69nm,1.4s	53.37 331	P	IAMs_20	IAMs_20	17 57 01.0	
NEA2	Nenana	53.37 331	P	P	P	17 34 42.5	-0.1
NEA2	comp=Z,2um,19.0s	53.37 331	P	P	P	17 34 42.5	-0.1
PAX	Paxson	53.45 328	P	Iamb	Iamb	17 34 42.5	-0.8
PAX	comp=Z,78nm,1.6s	53.45 328	P	pmax	pmax	17 34 42.5	-0.8
PAX	Paxson	53.45 328	P	P	P	17 34 43.7	+0.4
PAX	baz=44,SNR=8.6						
BMO	Blue Mountains	53.47 298	P	P	P	17 34 42.5	-1.2
BMO	Blue Mountains	53.47 298	P	pmax	pmax	17 34 42.5	-1.2
BMO	comp=Z,20nm,1.0s		MLR	MLR			
SRU	San Rafael Swe	53.47 289	P	Iamb	Iamb	17 34 42.9	-1.0
SRU	comp=Z,53nm,1.1s	53.47 289	P	pmax	pmax	17 34 42.9	-1.0
SRU	San Rafael Swe	53.48 88	LR	LR	LR	17 59 36.9	
EIL	Elat	53.48 88	LR	LR	LR	17 59 36.9	
SDV	Santo Domingo	53.51 230	P	P	P	17 33 24.8	
SDV	comp=Z,54nm,21.9s	53.51 230	P	P	P	17 34 43.6	-0.8
SDV	Santo Domingo	53.51 230	eP	P	P	17 34 44.5	+0.1
MDV	Santo Domingo	53.51 230	eP	P	P	17 34 43.6	-0.6
MPU	Maple Canyon	53.51 290	Iamb	Iamb	Iamb	17 34 54.9	
MLY	Manley	53.52 332	P	Iamb	Iamb	17 34 42.9	-0.8
MLY	comp=Z,66nm,1.6s	53.52 332	P	IAMs_20	IAMs_20	17 57 04.1	
MLY	Manley	53.52 332	P	P	P	17 34 43.9	+0.2
MLY	baz=42,SNR=14						
BARN	Barnard Glacie	53.53 325	P	IAMs_20	IAMs_20	17 56 26.7	
BARN	comp=Z,3um,21.0s	53.54 315	P	P	P	17 34 43.8	-0.1

MVCO	Mesa Verde	53.57 286	P	Iamb	P	17 34 43.9	-0.8
MVCO	comp=Z,50nm,1.1s	53.57 286	P	P	P	17 35 06.0	
MVCO	Mesa Verde	53.57 286	P	P	P	17 34 45.4	+0.6
TEIG	Tepich	53.61 255	IAMs_20	IAMs_20		17 56 45.2	
MFID	Camas Ranch	53.61 296	P	P	P	17 34 44.0	-0.8
H21K	Melozitna Rive	53.62 334	P	Iamb	Iamb	17 34 43.9	-0.6
H21K	comp=Z,37nm,1.1s		IAMs_20	IAMs_20		17 57 33.6	
H21K	Melozitna Rive	53.62 334	P	P	P	17 34 45.4	+1.0
IMAR	Indian Mountain	53.63 334	P	P	P	17 34 44.1	+0.3
U33K	Whale Pass	53.65 317	P	P	P	17 34 44.9	-0.3
S31K	Pelican	53.66 320	P	P	P	17 34 45.5	+0.8
LTY	Liberty	53.67 302	P	P	P	17 34 43.5	-1.6
PNL	Peninsula	53.69 323	P	P	P	17 34 44.7	-0.3
TMUT	Trail Mountain	53.74 289	P	Iamb	Iamb	17 34 44.7	-1.3
TMUT	comp=Z,38nm,1.3s	53.76 328	P	P	P	17 34 46.1	+0.6
HARP	HAARP	53.76 328	P	P	P	17 34 44.8	-0.7
I21K	Tanana	53.76 333	P	Iamb	Iamb	17 34 44.8	-0.7
I21K	comp=Z,39nm,1.1s		IAMs_20	IAMs_20		17 57 33.2	
I21K	Tanana	53.76 333	P	P	P	17 34 45.1	-0.3
MCARA	McCarthy VSAT	53.77 326	P	Iamb	Iamb	17 34 44.7	-0.9
MCARA	comp=Z,62nm,1.2s		IAMs_20	IAMs_20		17 56 22.0	
MCARA	McCarthy VSAT	53.77 326	P	P	P	17 34 45.3	-0.3
MCARA	baz=49						
BWN	Browne	53.80 331	P	IAMs_20	IAMs_20	17 57 03.0	
NLU	North Lily Min	53.80 290	P	Iamb	Iamb	17 34 45.6	-0.7
NLU	comp=Z,3um,20.0s					17 34 56.8	
ANMO	Albuquerque	53.90 282	LR	LR	LR	17 56 56.1	
ANMO	comp=Z,4um,19.7s,ba	53.90 282	P	Iamb	Iamb	17 34 46.7	-0.4
ANMO	z=140,slo=35					17 34 57.8	
ANMO	Albuquerque	53.90 282	eP	pmax	pmax	17 34 47.9	+0.8
ANMO	comp=Z,31nm,1.1s						
ANMO	Albuquerque	53.90 282	P	P	P	17 34 48.0	+0.9
ANMO	baz=46						
ANMO	Albuquerque	53.90 282	P	P	P	17 34 48.0	+0.9
ANMO	baz=46,SNR=26						
MCK	McKinley	53.96 331	P	P	P	17 34 47.0	0.0
MCK	McKinley	53.96 331	P	pmax	pmax	17 34 47.0	0.0
MCK	comp=Z,148nm,1.4s	53.96 331	P	P	P	17 34 46.6	-0.3
MCK	baz=42,SNR=12						
Q16A	Castle Valley	53.98 289	P	Iamb	Iamb	17 34 46.6	-1.1
Q16A	comp=Z,34nm,1.2s					17 35 12.8	
DUG	Dugway, Tooele	54.06 291	P	IAMs_20	IAMs_20	17 56 52.2	
DUG	comp=Z,2um,18.0s	54.06 291	P	pmax	pmax	17 34 46.7	-1.5
DUG	Dugway, Tooele	54.06 291	P	P	P	17 34 48.4	+0.2
DUG	baz=48,SNR=11						
G08A	Pilot Rock	54.07 300	P	P	P	17 34 46.2	-1.9
BBB	Bella Bella	54.07 311	LR	LR	LR	17 56 34.8	
N25K	Chitina, Valde	54.15 327	P	Iamb	Iamb	17 34 47.9	-0.5
N25K	comp=Z,54nm,1.2s	54.15 327	P	P	P	17 34 49.0	+0.6
N25K	Chitina, Valde	54.15 327	P	P	P	17 34 47.8	-0.6
RDOG	Red Dog Mine	54.17 339	P	Iamb	Iamb	17 35 01.3	
RDOG	comp=Z,56nm,1.2s		IAMs_20	IAMs_20		17 57 37.9	
RDOG	Red Dog Mine	54.17 339	P	P	P	17 34 48.2	-0.2
RDOG	baz=35						
RND	Reindeer	54.18 330	P	Iamb	Iamb	17 34 47.4	-1.2
RND	comp=Z,41nm,1.1s		IAMs_20	IAMs_20		17 57 22.6	
RND	Reindeer	54.18 330	P	P	P	17 34 47.4	-1.2
RND	comp=Z,2um,18.0s						
RND	Reindeer	54.18 330	P	pmax	pmax	17 34 47.4	-1.2
RND	comp=Z,41nm,1.1s		MLR	MLR			
833A	Chaparral WMA,	54.28 271	P	Iamb	Iamb	17 34 48.6	-1.1
833A	comp=Z,38nm,1.1s					17 34 58.4	
833A	Chaparral WMA,	54.28 271	P	P	P	17 34 48.6	-1.1
833A	baz=44						
833A	Chaparral WMA,	54.28 271	P	P	P	17 34 49.7	0.0
833A	baz=44						
BPAW	Bear Paw Mtn.	54.29 332	P	IAMs_20	IAMs_20	17 56 52.4	
BPAW	comp=Z,3um,22.0s	54.29 332	P	P	P	17 34 49.0	-0.4
BPAW	Bear Paw Mtn.	54.29 332	P	P	P	17 34 48.3	-1.2
BPAW	baz=41,SNR=11						
M24K	Tolsona, Glenn	54.30 328	P	P	P	17 34 49.6	+0.1
M24K	Tolsona, Glenn	54.30 328	P	P	P	17 34 49.6	+0.1
M24K	baz=43,SNR=5.2						
ABKAR	Abkukul array	54.36 54	P	P	P	17 34 49.1	-0.9
ABKAR	Abkukul array	54.36 54	P	Iamb	Iamb	17 34 48.9	-1.2
ABKAR	Abkukul array	54.36 54	P	P	P	17 35 03.4	
ARGC	Arguani, 0.9s	54.39 234	eP	P	P	17 34 55.1	+4.4
GDLL	Guadalupe Moun	54.55 278	P	P	P	17 34 50.5	-1.3
BNM	Barren Site	54.55 282	P	P	P</		

31d 17h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like JKA Tsumeb, VLA Vladivostok, LZH Lanzhou, etc.

2017 MAR

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like SSE Sheshan, SUR Sutherland, CMAR Chiang Mai Arr, etc.

1850

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like WBO Warramunga Arr, WRA Warramunga Arr, etc.

31d 18h

Table with columns: ID, Name, Time, Status, and other details. Includes entries like G005 Huala, G005 Huala, G005 Huala, etc.

2017 MAR

Table with columns: ID, Name, Time, Status, and other details. Includes entries like SPB Sao Paulo, BB19B Bebedouro, CZSB Cruzeiro do Su, etc.

1852

Table with columns: ID, Name, Time, Status, and other details. Includes entries like SNAAL Lakeview Retre, TROLL Troi, Antari, DWPF Disney Wildern, etc.

31st 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND, KURBB Kurchatov Arra, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSPR 31 19:11:04.8, NEIC 31 19:11:06.0, etc.

2017 MAR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNTH Nagotoyohara, JTW Tarama, JOW Kunigami, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 31 19:25:22.6, WRA Warramunga Arr, ASAR Alice Springs, etc.

1856

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GEYT Alibek, KURBB Kurchatov Arra, AB31 Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOU 31 20:17:41.6, Vanuatu Islands, Vanuatu Islands, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA 31 20:22:49.5, FARR S OFF TOKAI DISTRICT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIE Ise, JTN Tanabenahech, JMW Kouben, etc.

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

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

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.

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.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 31 20:38:39.8, DZM Chumysh, TKM2 Tokmak 2, etc.

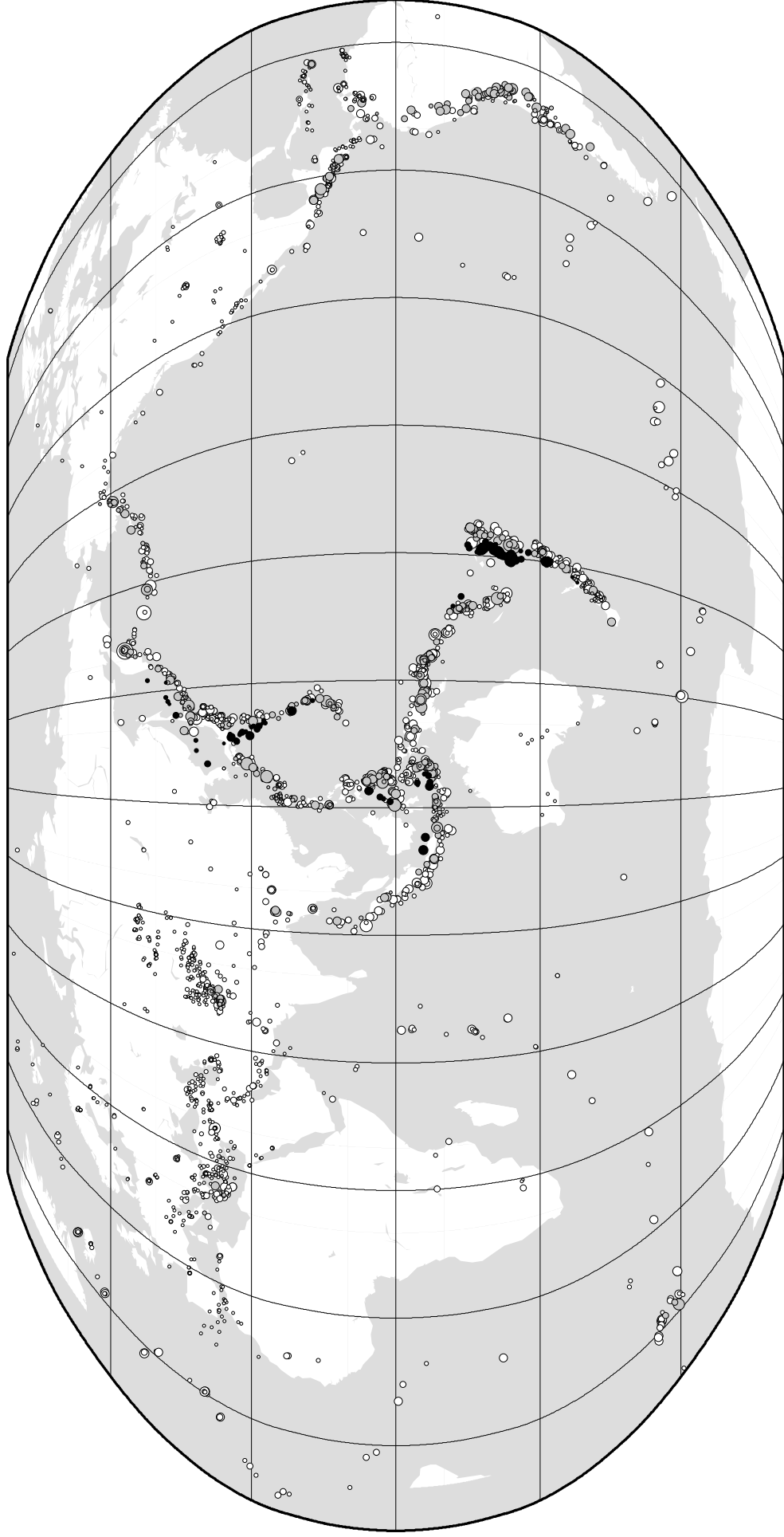
ARMA	comp=Z,19nm,1.3s	IAmb	IAmb	23 49 55.0	
TOO	Toolangi	34.19 172	P	P	23 50 30.9 -1.0
MKAR	Makanchi Array	71.15 322	P	P	23 54 59.0 -5.8
	comp=Z,0.3nm,0.5s,baz=122,slow=7.1,SNR=2.7				
	comp=Z,0.3nm,0.6s				

KRSC 31 23:54:03.4,2.4,49.47N;157.25E,h40km,26km,MI4.7
 MOS 31 23:54:06.7,1.3,49.71N;156.40E,h60km,mb4.3/1,Error
 ellipse: s-maj=14.0km s-min=4.2km az=77.2
 IDC 31 23:54:08.6,2.8,49.88N;156.41E,h52km,24km,mb3.4/14,
 mbtmp3.7/16,ML3.4/2,MS3.3/9,Error ellipse:
 s-maj=24.1km s-min=13.9km az=137.0
 ISC 31 23:54:07.2,1.4,49.60N;156.59E;0.07,h49km,12km,
 n85,r138/84,mb3.7/15,MS3.6/5,5C-1D,Kuril Islands

Code	Station Name	A°	AZ°	Phase ID	Time	Res
					h m s	ISC
SKR	Severo-Kuril's	1.12	345	PN	23 54 26.2	-0.4
SKR	Severo-Kuril's	1.12	345	S	23 54 41.4	+0.5
SKR	Severo-Kuril's	1.12	345	eS	23 54 26.2	-0.4
PAU	Pauzhetka	1.87	4	PN	23 54 38.1	+1.3
PAU	Pauzhetka	1.87	4	S	23 55 01.7	+2.5
PAU	Pauzhetka	1.87	4	eP	23 54 38.1	+1.3
PAU	Pauzhetka	1.87	4	eS	23 55 01.7	+2.5
KDTR	Khodutka, Kamc	2.40	23	PN	23 54 43.3	+0.7
KDTR	Khodutka, Kamc	2.40	23	S	23 55 11.1	-1.1
KDTR	Khodutka, Kamc	2.40	23	eP	23 54 43.3	+0.7
KDTR	Khodutka, Kamc	2.40	23	eS	23 55 11.1	-1.1
MTVR	Mutnovka	3.06	19	PN	23 54 53.0	-0.1
MTVR	Mutnovka	3.06	19	eP	23 54 53.0	-0.1
RUS	Russkaya	3.08	22	PN	23 54 52.0	-1.4
RUS	Russkaya	3.08	22	S	23 55 28.7	-0.2
RUS	Russkaya	3.08	22	eP	23 54 52.0	-1.4
RUS	Russkaya	3.08	22	eS	23 55 28.7	-0.2
GRL	Gorelyy	3.10	17	PN	23 54 54.0	+0.3
GRL	Gorelyy	3.10	17	S	23 55 31.7	+2.2
GRL	Gorelyy	3.10	17	eP	23 54 54.0	+0.3
GRL	Gorelyy	3.10	17	eS	23 55 31.7	+2.2
APC	Apacha	3.35	6	PN	23 54 57.5	+0.5
APC	Apacha	3.35	6	eP	23 54 57.5	+0.5
KRMR	Karymshinskiy	3.37	16	PN	23 54 58.5	+1.1
KRMR	Karymshinskiy	3.37	16	eP	23 54 58.5	+1.1
PEA0B	Petropavlovsk-	3.58	11	cePN	23 55 01.3	+1.1
PETK	Petropavlovsk-	3.58	11	P	23 54 58.7	-1.5
PETK	Petropavlovsk-	3.1nm,0.3s,baz=177,slow=17,SNR=38	S			
PETK	Petropavlovsk-	18nm,0.6s,baz=125,slow=18,SNR=1.9	LR	LR	23 56 37.8	
PET	Petropavlovsk	3.66	20	ePN	23 55 01.4	+0.1
PET	Petropavlovsk	3.66	20	eS	23 55 44.8	+1.6
PET	Petropavlovsk	3.66	20	pmax		
PET	Petropavlovsk	3.66	20	smax		
PET	Petropavlovsk	3.66	20	smax		
PET	Petropavlovsk	3.66	20	MLR		
PET	Petropavlovsk	3.66	20	eP	23 55 01.5	+0.2
PET	Petropavlovsk	3.66	20	eS	23 55 45.6	+2.4
DALK	Dalny	3.69	21	PN	23 55 01.6	-0.1
DALK	Dalny	3.69	21	S	23 55 46.5	+2.6
DALK	Dalny	3.69	21	eP	23 55 01.6	-0.1
DALK	Dalny	3.69	21	eS	23 55 46.5	+2.6
UGLR	Uglovaya	3.87	20	PN	23 55 04.9	+0.6
UGLR	Uglovaya	3.87	20	eP	23 55 04.9	+0.6
KOK	Koryaka	3.91	18	PN	23 55 06.2	+1.4
KOK	Koryaka	3.91	18	eP	23 55 06.2	+1.4
SMAR	Somma	3.92	20	PN	23 55 05.9	+0.9
SMAR	Somma	3.92	20	eP	23 55 05.9	+0.9
KRER	Koryakskii	3.94	19	PN	23 55 06.4	+1.0
KRER	Koryakskii	3.94	19	eP	23 55 06.4	+1.0
NLC	Nalytchevo	3.97	25	PN	23 55 05.7	+0.2
NLC	Nalytchevo	3.97	25	eP	23 55 05.7	+0.2
KRX	Arik	3.98	18	PN	23 55 07.0	+1.2
KRX	Arik	3.98	18	eP	23 55 07.0	+1.2
SPN	Mys Shipunski	4.11	30	PN	23 55 07.7	+0.3
SPN	Mys Shipunski	4.11	30	eP	23 55 07.7	+0.3
GNL	Ganally	4.18	11	PN	23 55 10.1	+1.5
GNL	Ganally	4.18	11	eP	23 55 10.1	+1.5
KII	Karymskiy	4.78	21	PN	23 55 18.2	+1.5
KII	Karymskiy	4.78	21	eP	23 55 18.2	+1.5
MKZ	Mys Kozlova	5.89	31	PN	23 55 30.1	-1.7
MKZ	Mys Kozlova	5.89	31	eP	23 55 30.1	-1.7
TUMD	Tumrok D	6.07	21	eP	23 55 36.5	+2.2
TUMR	Tumrok	6.09	20	PN	23 55 36.5	+1.8
TUMR	Tumrok	6.09	20	eP	23 55 36.0	+1.3
KBTR	Krutoberegovo	7.61	27	PN	23 55 54.8	-0.6
KBTR	Krutoberegovo	7.61	27	eP	23 55 54.8	-0.6
SHO	Shikotan	8.81	233	ePN	23 56 10.5	-1.4
YSS	Yuzh-Sakhalins	8.60	259	ePN	23 56 21.7	-0.9
MA2	Magadan	10.54	344	LR	00 00 31.0	
ASAJ	Asahikawa	11.03	245	P	23 56 43.9	+1.6
SEY	Seymchan	13.56	352	ePN	23 57 14.4	-2.2
SEY	Seymchan	13.56	352	pmax		
SEY	Seymchan	13.56	352	pmax		
KLR	Kul'dur	16.15	278	LR	00 04 42.1	
KLR	Kul'dur	16.15	278	eP	23 57 49.5	-1.2
KLR	Kul'dur	16.15	278	pmax		
BILL	Billbino	19.11	11	i/P	23 58 25.6	-0.1
BILL	Billbino	19.11	11	pmax		
BILL	Billbino	19.11	11	MLR		
YAK	Yakutsk	19.40	320	LR	00 05 41.1	
YAK	Yakutsk	19.40	320	eP	23 58 28.3	-2.0
YAK	Yakutsk	19.40	320	pmax		
KRSR	Korea Array	23.91	250	P	23 59 17.2	+0.9
TIXI	Tiksi	25.48	340	eP	23 59 28.5	-1.8
TIXI	Tiksi	25.48	340	pmax		
H11N2	WAKE ISLAND Hy 30.93	161	T	T	00 33 12.5	
H11N1	WAKE ISLAND Hy 30.94	161	T	T	00 33 19.3	
H11N3	WAKE ISLAND Hy 30.94	161	T	T	00 33 20.4	
H11S1	WAKE ISLAND Hy 32.07	162	T	T	00 34 43.1	
H11S3	WAKE ISLAND Hy 32.08	162	T	T	00 34 47.9	
H11S2	WAKE ISLAND Hy 32.09	162	T	T	00 34 44.1	
ILAR	Eielson Array	32.97	41	P	00 00 35.4	-0.6
ZALV	Zalesovo Beam	42.87	304	P	00 01 59.2	-1.2
YKA	Yellowknife Ar	47.24	39	P	00 02 35.8	+0.9
MKAR	Makanchi Array	47.72	297	P	00 02 37.5	-1.4
MKAR	Makanchi Array	47.72	297	LR	00 24 07.8	
DAV	Davao City (W)	49.74	222	LR	00 22 04.1	
ARU	Arti	54.48	317	LR	00 30 08.1	
AAK	Ala-Archa	54.65	296	LR	00 26 38.5	
CMAR	Chiang Mai Arr	55.29	257	P	00 03 37.3	+1.6
ARCES	ARCESS Array B	55.91	341	P	00 03 37.5	-2.0
KIRV	Kirov	56.89	323	LR	00 30 10.9	

comp=Z,59nm,1.8,1s,baz=206,slow=38	MINA	Mina Array Bea	59.09	66	P	P	00 04 03.4	+0.8
comp=Z,0.5nm,0.7s,baz=302,slow=9.9,SNR=3.7	FINES	FINES Array B	62.42	336	P	P	00 04 23.7	-0.9
comp=Z,0.7nm,0.7s,baz=40,slow=9.6,SNR=5.6	NOA	NORSAR Array B	66.24	342	P	P	00 04 49.3	-0.3
comp=Z,0.7nm,0.7s	TXAR	Lajitas Array	74.10	63	P	P	00 05 39.1	+0.8
comp=Z,0.4nm,0.5s,baz=313,slow=6.9,SNR=2.5	ASAR	Alice Springs	75.68	201	P	P	00 05 49.1	+1.9
comp=Z,0.2nm,0.4s,baz=16,slow=6.3,SNR=5.1	GERES	GERESS Array B	76.86	336	P	P	00 05 53.5	-0.3
comp=Z,0.2nm,0.3s	BRTR	Keskin Array B	77.85	319	P	P	00 05 59.4	-0.1
comp=Z,0.3nm,0.4s	H03N2	Juan Fernandez	136.43	90	T	T	02 45 29.8	
comp=Z,0.3nm,0.4s	H03N1	Juan Fernandez	136.44	90	T	T	02 45 30.5	
comp=Z,0.3nm,0.4s	H03N3	Juan Fernandez	136.44	90	T	T	02 45 36.7	

ISC Computed Locations for March 2017



Robinson Projection, centred on 0°N,130°E

